Annual Report - General Order No. R5-2007-0035
Reporting period 01/01/2023 to 12/31/2023.

DAIRY FACILITY INFORMATION

A. NAME OF DAIRY OR BUSINESS OPERATING THE DAIRY: Fred Rau Dairy, Inc.

Physical address of dairy:

Number and Street	City	County	Zip Code
10255 W Manning AVE	Fresno	Fresno	93706

Street and nearest cross street (if no address):

Date facility was originally placed in operation: 03/01/1953

Regional Water Quality Control Board Basin Plan designation: Tulare Basin

County Assessor Parcel Number(s) for dairy facility:

0035-0110-014S-0000

B. OPERATORS

Reid, Shonda Rena

Operator name: Reid, Shonda Rena

Telephone no.: (559) 647-2877 Landline, (559) 647-2877 Cellular

Mailing Address Number and Street	City	State	Zip Code
11906 S Jameson AVE	Fresno	CA	93706

This operator is responsible for paying permit fees.

C. OWNERS

Rau, William Fredrick

Legal owner name: Rau, William Fredrick

Telephone no.: Landline, (559) 647-2877 Cellular

Mailing Address Number and Street	City	State	Zip Code
211 W Serena AVE	Clovis	CA	93619

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AVAILABLE NUTRIENTS

A. HERD INFORMATION

	Milk Cows	Dry Cows	Bred Heifers (15-24 mo.)	Heifers (7-14 mo. to breeding)	Calves (4-6 mo.)	Calves (0-3 mo.)
Number open confinement	1,394	199	442	530	231	0
Number under roof	0	0	0	0	0	164
Maximum number	1,436	261	474	564	240	171
Average number	1,394	199	442	530	231	164
Avg live weight (lbs)	1,350	1,400	1,000	650		

Predominant milk cow breed: Holstein

Average milk production: 75 *pounds per cow per day*

B. MANURE GENERATED

Total manure excreted by the herd: 50,369.89 *tons per reporting period*

Total nitrogen from manure: 626,959.85 *lbs per reporting period*

After ammonia losses (30% loss applied): 438,871.90 *lbs per reporting period*

Total phosphorus from manure: 102,946.41 *lbs per reporting period*

Total potassium from manure: 271,543.15 *lbs per reporting period*

Total salt from manure: 702,124.95 *lbs per reporting period*

C. PROCESS WASTEWATER GENERATED

Process wastewater generated: 8,699,020 *gallons*

Total nitrogen generated: 42,040.28 *lbs*

Total phosphorus generated: 4,339.55 *lbs*

Total potassium generated: 24,410.20 *lbs*

Total salt generated: 181,225.74 *lbs*

	8,699,020	*gallons applied*
+	0	*gallons exported*
-	0	*gallons imported*
=	8,699,020	*gallons generated*

D. FRESH WATER SOURCES

Source Description	Type
Ag Well #10	Ground water
Ag Well #10-1	Ground water
Ag Well #10-2	Ground water
Ag Well #10-3	Ground water
Ag Well #11	Ground water

Source Description	Type
Ag Well #11-1	Ground water
Ag Well #11-3	Ground water
Ag Well #11-5	Ground water
Ag Well #12	Ground water
Ag Well #13	Ground water
Ag Well #16	Ground water
Ag Well #18	Ground water
Ag Well #19	Ground water
Ag Well #2	Ground water
Ag Well #23	Ground water
Ag Well #24	Ground water
Ag Well #25	Ground water
Ag Well #27	Ground water
Ag Well #29	Ground water
Ag Well #3	Ground water
Ag Well #4	Ground water
Ag Well#8	Ground water
Domestic Well - 11906 S. Jameson	Ground water

E. SUBSURFACE (TILE) DRAINAGE SOURCES

No subsurface (tile) drainage sources entered.

F. NUTRIENT IMPORTS

No dry manure nutrient imports entered.

No process wastewater nutrient imports entered.

No commercial or other nutrient imports entered.

G. NUTRIENT EXPORTS

No solid nutrient exports entered.

No liquid nutrient exports entered.

APPLICATION AREA

A. LIST OF LAND APPLICATION AREAS

Field name	Controlled acres	Cropable acres	Total harvests	Type of waste applied	Parcel number
1	40	40	0	none	0035-0110-014S-0000
10	75	75	2	process wastewater	0035-0150-044S-0000
11	79	79	4	process wastewater	0035-0150-044S-0000
12	80	80	1	process wastewater	0035-0150-044S-0000
13	77	77	2	process wastewater	0035-0150-044S-0000
14	74	74	5	process wastewater	0035-0150-044S-0000
15	68	68	5	process wastewater	0041-0030-043S-0000
16	76	76	2	process wastewater	0041-0030-043S-0000
17	69	69	6	process wastewater	0041-0030-043S-0000
18	77	77	5	process wastewater	0041-0030-043S-0000
19	83	83	1	process wastewater	0041-0030-043S-0000
2	32	32	0	none	0035-0110-014S-0000
20	78	78	5	process wastewater	0041-0030-043S-0000
21	77	77	7	process wastewater	0041-0030-043S-0000
22A	59	59	1	process wastewater	0041-0030-043S-0000
22B	18	18	1	process wastewater	0041-0030-043S-0000
23	70	70	0	none	0041-0030-002S-0000
24	72	72	0	none	0041-0030-002S-0000
25	76	76	0	none	0041-0030-002S-0000
26	78	78	0	none	0041-0030-002S-0000
27	76	76	7	process wastewater	0035-0150-043S-0000
28	82	82	1	process wastewater	0035-0150-043S-0000
3	82	82	2	process wastewater	0035-0110-014S-0000
30	50	50	0	none	0035-0150-013S-0000
31	12	12	0	none	0035-0150-013S-0000
32	35	35	1	process wastewater	0035-0110-014S-0000
33	18	18	1	process wastewater	0035-0110-014S-0000
4	75	75	7	process wastewater	0035-0110-014S-0000
5	73	73	1	process wastewater	0035-0110-014S-0000
6	78	78	6	process wastewater	0035-0110-014S-0000
7	84	84	1	process wastewater	0035-0150-044S-0000
8	84	84	6	process wastewater	0035-0150-044S-0000
9	78	78	1	process wastewater	0035-0150-044S-0000
Sec. 10-1	77	77	0	none	0041-0030-018S-0000

Field name	Controlled acres	Cropable acres	Total harvests	Type of waste applied	Parcel number
Sec. 10-2	75	73	0	none	0041-0030-018S-0000
Sec. 10-3	77	77	0	none	0041-0030-018S-0000
Sec. 10-4	78	78	0	none	0041-0030-018S-0000
Sec. 11-1	81	81	4	none	0041-0030-0011-0000
Sec. 11-2	82	82	5	process wastewater	0041-0030-0011-0000
Sec. 11-3	85	85	1	process wastewater	0041-0030-0011-0000
Sec. 11-4	68	68	5	process wastewater	0041-0030-0011-0000
Sec. 11-5	80	80	0	none	0041-0030-0011-0000
Sec. 11-6	86	86	0	none	0041-0030-0011-0000
Sec. 11-7	86	86	0	none	0041-0030-0011-0000
Sec. 11-8	70	70	0	none	0041-0030-0011-0000
Totals for areas that were used for application	1,990	1,990	92		
Totals for areas that were not used for application	1,140	1,138	4		
Land application area totals	3,130	3,128	96		

B. CROPS AND HARVESTS

1

Field name: 1

05/01/1993: Raisins

Crop: Raisins Acres planted: 40 Plant date: 05/01/1993

No harvests entered for this crop.

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	2.00	16.60	2.60	18.20	0.00
Total actual harvest content	0.00	0.00	0.00	0.00	0.00

10

Field name: 10

10

11/07/2022: Wheat Hay

Crop: Wheat Hay Acres planted: 75 Plant date: 11/07/2022

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	N (mg/kg)	P (mg/kg)	K (mg/kg)	Salt (mg/kg)	TFS (%)
05/22/2023	110.00 *ton*	Dry-weight		5.5	14,700.00	1,300.00	9,300.00		8.67

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	1.00	50.00	6.50	33.00	0.00
Total actual harvest content	1.47	40.75	3.60	25.78	240.33

07/20/2023: Sorghum Silage

Crop: Sorghum Silage Acres planted: 73 Plant date: 07/20/2023

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	N (mg/kg)	P (mg/kg)	K (mg/kg)	Salt (mg/kg)	TFS (%)
11/10/2023	1,310.00 *ton*	Dry-weight		69.7	21,600.00	2,700.00	26,400.00		12.74

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	12.00	132.00	20.40	144.00	0.00
Total actual harvest content	17.95	234.90	29.36	287.09	1,385.45

11

Field name: 11

11

11/10/2019: Alfalfa, hay

Crop: Alfalfa, hay Acres planted: 79 Plant date: 11/10/2019

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	N (mg/kg)	P (mg/kg)	K (mg/kg)	Salt (mg/kg)	TFS (%)
06/03/2023	85.00 *ton*	Dry-weight		7.8	33,000.00	2,600.00	25,000.00		13.73
07/05/2023	71.00 *ton*	Dry-weight		5.8	24,000.00	2,800.00	26,200.00		14.68
09/09/2023	95.00 *ton*	Dry-weight		5.8	24,000.00	2,800.00	26,200.00		14.68
10/09/2023	45.00 *ton*	Dry-weight		5.8	24,000.00	2,800.00	26,200.00		14.68

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	6.00	360.00	32.40	252.00	0.00
Total actual harvest content	3.75	186.24	19.25	181.44	1,011.10

12/08/2023: Alfalfa/Winter Forage Mix

Crop: Alfalfa/Winter Forage Mix Acres planted: 79 Plant date: 12/08/2023

No harvests entered for this crop.

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	6.00	240.00	39.00	198.00	0.00
Total actual harvest content	0.00	0.00	0.00	0.00	0.00

12

Field name: 12

06/28/2023: Sorghum Silage

Crop: Sorghum Silage Acres planted: 77 Plant date: 06/28/2023

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	N (mg/kg)	P (mg/kg)	K (mg/kg)	Salt (mg/kg)	TFS (%)
11/09/2023	1,496.00 *ton*	Dry-weight		70.7	19,500.00	3,900.00	25,800.00		14.72

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	12.00	132.00	20.40	144.00	0.00
Total actual harvest content	19.43	222.01	44.40	293.74	1,675.89

12

12/09/2023: Winter Forage

Crop: Winter Forage Acres planted: 80 Plant date: 12/09/2023

No harvests entered for this crop.

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	6.00	90.00	16.20	69.60	0.00
Total actual harvest content	0.00	0.00	0.00	0.00	0.00

13

Field name: 13

11/23/2022: Alfalfa/Wheat Mix Hay

Crop: Alfalfa/Wheat Mix Hay Acres planted: 77 Plant date: 11/23/2022

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	N (mg/kg)	P (mg/kg)	K (mg/kg)	Salt (mg/kg)	TFS (%)
06/06/2023	100.00 *ton*	Dry-weight		3.7	15,500.00	1,700.00	11,700.00		9.24

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	1.00	55.00	6.00	37.50	0.00
Total actual harvest content	1.30	38.77	4.25	29.27	231.12

07/13/2023: Sorghum Silage

Crop: Sorghum Silage Acres planted: 68 Plant date: 07/13/2023

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	N (mg/kg)	P (mg/kg)	K (mg/kg)	Salt (mg/kg)	TFS (%)
11/09/2023	1,276.00 *ton*	Dry-weight		75.8	24,600.00	3,200.00	29,900.00		14.15

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	12.00	132.00	20.40	144.00	0.00
Total actual harvest content	18.76	223.42	29.06	271.56	1,285.12

14

Field name: 14

14

11/15/2022: Alfalfa, hay

Crop: Alfalfa, hay Acres planted: 74 Plant date: 11/15/2022

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	N (mg/kg)	P (mg/kg)	K (mg/kg)	Salt (mg/kg)	TFS (%)
05/18/2023	79.00 *ton*	Dry-weight		6.3	36,800.00	2,200.00	24,000.00		11.98
06/16/2023	45.00 *ton*	Dry-weight		6.3	36,800.00	2,200.00	24,000.00		11.98
07/18/2023	62.00 *ton*	Dry-weight		6.3	36,800.00	2,200.00	24,000.00		11.98
08/18/2023	49.00 *ton*	Dry-weight		7.7	32,500.00	2,500.00	22,400.00		10.38
09/16/2023	58.00 *ton*	Dry-weight		7.7	32,500.00	2,500.00	22,400.00		10.38

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	6.00	360.00	32.40	252.00	0.00
Total actual harvest content	3.96	260.09	17.04	172.84	841.36

15

Field name: 15

10/18/2018: Alfalfa, hay

Crop: Alfalfa, hay Acres planted: 68 Plant date: 10/18/2018

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	N (mg/kg)	P (mg/kg)	K (mg/kg)	Salt (mg/kg)	TFS (%)
05/09/2023	98.00 *ton*	Dry-weight		5.7	34,000.00	2,000.00	16,300.00		14.13
06/09/2023	85.00 *ton*	Dry-weight		5.7	34,000.00	2,000.00	16,300.00		14.13
07/10/2023	67.00 *ton*	Dry-weight		8.1	34,100.00	2,900.00	28,400.00		14.61
08/02/2023	56.00 *ton*	Dry-weight		8.1	34,100.00	2,900.00	28,400.00		14.61
09/08/2023	46.00 *ton*	Dry-weight		5.7	25,400.00	3,300.00	39,400.00		13.63

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	6.00	360.00	32.40	252.00	0.00
Total actual harvest content	5.18	318.34	24.00	227.42	1,376.80

15

11/17/2023: Alfalfa/Winter Forage Mix

Crop: Alfalfa/Winter Forage Mix Acres planted: 68 Plant date: 11/17/2023

No harvests entered for this crop.

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	6.00	240.00	39.00	198.00	0.00
Total actual harvest content	0.00	0.00	0.00	0.00	0.00

16

Field name: 16

11/03/2022: Wheat Hay

Crop: Wheat Hay Acres planted: 76 Plant date: 11/03/2022

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	N (mg/kg)	P (mg/kg)	K (mg/kg)	Salt (mg/kg)	TFS (%)
05/27/2023	171.00 *ton*	Dry-weight		4.6	18,900.00	1,300.00	9,500.00		8.19

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	1.00	50.00	6.50	33.00	0.00
Total actual harvest content	2.25	81.14	5.58	40.78	351.60

07/03/2023: Sorghum Silage

Crop: Sorghum Silage Acres planted: 74 Plant date: 07/03/2023

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	N (mg/kg)	P (mg/kg)	K (mg/kg)	Salt (mg/kg)	TFS (%)
11/10/2023	1,423.00 *ton*	Dry-weight		72.7	17,800.00	3,900.00	25,300.00		11.37

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	12.00	132.00	20.40	144.00	0.00
Total actual harvest content	19.23	186.89	40.95	265.64	1,193.79

17

Field name: 17

17

11/10/2019: Alfalfa, hay

Crop: Alfalfa, hay Acres planted: 69 Plant date: 11/10/2019

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	N (mg/kg)	P (mg/kg)	K (mg/kg)	Salt (mg/kg)	TFS (%)
04/20/2023	92.00 *ton*	Dry-weight		7.7	33,300.00	2,100.00	23,500.00		10.20
06/01/2023	90.00 *ton*	Dry-weight		7.7	33,300.00	2,100.00	23,500.00		10.20
06/30/2023	85.00 *ton*	Dry-weight		7.2	29,000.00	2,400.00	24,200.00		10.64
07/29/2023	75.00 *ton*	Dry-weight		7.2	29,000.00	2,400.00	24,200.00		10.64
09/01/2023	55.00 *ton*	Dry-weight		7.0	24,400.00	2,100.00	20,900.00		10.25
10/04/2023	19.00 *ton*	Dry-weight		7.0	24,400.00	2,100.00	20,900.00		10.25

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	6.00	360.00	32.40	252.00	0.00
Total actual harvest content	6.03	335.62	24.74	260.27	1,159.04

11/22/2023: Alfalfa/Winter Forage Mix

Crop: Alfalfa/Winter Forage Mix Acres planted: 69 Plant date: 11/22/2023

No harvests entered for this crop.

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	6.00	240.00	39.00	198.00	0.00
Total actual harvest content	0.00	0.00	0.00	0.00	0.00

18

Field name: 18

18

11/10/2019: Alfalfa, hay

Crop: Alfalfa, hay Acres planted: 77 Plant date: 11/10/2019

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	N (mg/kg)	P (mg/kg)	K (mg/kg)	Salt (mg/kg)	TFS (%)
04/21/2023	57.00 *ton*	Dry-weight		4.3	30,100.00	1,800.00	12,500.00		14.53
07/04/2023	69.00 *ton*	Dry-weight		7.2	33,300.00	2,700.00	23,100.00		13.46
07/28/2023	65.00 *ton*	Dry-weight		7.2	33,300.00	2,700.00	23,100.00		13.46
09/06/2023	60.00 *ton*	Dry-weight		6.2	26,600.00	1,800.00	15,600.00		10.32
10/10/2023	35.00 *ton*	Dry-weight		6.2	26,600.00	1,800.00	15,600.00		10.32

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	6.00	360.00	32.40	252.00	0.00
Total actual harvest content	3.71	211.77	15.44	128.43	879.48

19

Field name: 19

12/05/2022: Alfalfa/Wheat Mix Hay

Crop: Alfalfa/Wheat Mix Hay Acres planted: 83 Plant date: 12/05/2022

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	N (mg/kg)	P (mg/kg)	K (mg/kg)	Salt (mg/kg)	TFS (%)
06/07/2023	130.00 *ton*	Dry-weight		4.7	16,100.00	1,100.00	10,900.00		8.91

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	1.00	55.00	6.00	37.50	0.00
Total actual harvest content	1.57	48.06	3.28	32.54	265.99

19

11/28/2023: Winter Forage

Crop: Winter Forage Acres planted: 83 Plant date: 11/28/2023

No harvests entered for this crop.

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	6.00	90.00	16.20	69.60	0.00
Total actual harvest content	0.00	0.00	0.00	0.00	0.00

2

Field name: 2

05/01/1993: Raisins

Crop: Raisins Acres planted: 32 Plant date: 05/01/1993

No harvests entered for this crop.

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	2.00	16.60	2.60	18.20	0.00
Total actual harvest content	0.00	0.00	0.00	0.00	0.00

20

Field name: 20

20

10/23/2021: Alfalfa, hay

Crop: Alfalfa, hay Acres planted: 78 Plant date: 10/23/2021

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	N (mg/kg)	P (mg/kg)	K (mg/kg)	Salt (mg/kg)	TFS (%)
04/07/2023	69.00 *ton*	Dry-weight		5.3	31,300.00	1,800.00	21,500.00		10.41
05/25/2023	149.00 *ton*	Dry-weight		5.3	31,300.00	1,800.00	21,500.00		10.41
06/22/2023	120.00 *ton*	Dry-weight		6.6	32,500.00	2,200.00	23,000.00		10.99
07/25/2023	92.00 *ton*	Dry-weight		6.6	32,500.00	2,200.00	23,000.00		10.99
09/22/2023	52.00 *ton*	Dry-weight		8.2	29,200.00	2,300.00	27,200.00		11.32

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	6.00	360.00	32.40	252.00	0.00
Total actual harvest content	6.18	366.43	23.51	263.88	1,247.59

21

Field name: 21

11/04/2021: Alfalfa, hay

Crop: Alfalfa, hay Acres planted: 77 Plant date: 11/04/2021

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	N (mg/kg)	P (mg/kg)	K (mg/kg)	Salt (mg/kg)	TFS (%)
04/19/2023	103.00 *ton*	Dry-weight		5.9	34,100.00	2,200.00	17,900.00		11.54
05/31/2023	108.00 *ton*	Dry-weight		6.3	33,000.00	2,400.00	19,400.00		10.77
06/28/2023	98.00 *ton*	Dry-weight		6.3	33,000.00	2,400.00	19,400.00		10.77
07/31/2023	94.00 *ton*	Dry-weight		9.3	38,700.00	2,200.00	18,100.00		11.98
08/24/2023	37.00 *ton*	Dry-weight		9.3	38,700.00	2,200.00	18,100.00		11.98
09/15/2023	56.00 *ton*	Dry-weight		9.3	38,700.00	2,200.00	18,100.00		11.98
10/03/2023	27.00 *ton*	Dry-weight		9.3	38,700.00	2,200.00	18,100.00		11.98

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	6.00	360.00	32.40	252.00	0.00
Total actual harvest content	6.79	446.40	28.66	233.58	1,434.45

22A

22A

Field name: 22A

06/15/2023: Sorghum Silage

Crop: Sorghum Silage Acres planted: 57 Plant date: 06/15/2023

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	N (mg/kg)	P (mg/kg)	K (mg/kg)	Salt (mg/kg)	TFS (%)
11/03/2023	924.00 *ton*	Dry-weight		76.4	27,200.00	2,600.00	18,200.00		14.31

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	12.00	132.00	20.40	144.00	0.00
Total actual harvest content	16.21	208.12	19.89	139.25	1,094.91

22B

Field name: 22B

07/13/2023: Sorghum Silage

Crop: Sorghum Silage Acres planted: 17 Plant date: 07/13/2023

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	N (mg/kg)	P (mg/kg)	K (mg/kg)	Salt (mg/kg)	TFS (%)
11/03/2023	288.00 *ton*	Dry-weight		76.4	27,200.00	2,600.00	18,200.00		14.31

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	12.00	132.00	20.40	144.00	0.00
Total actual harvest content	16.94	217.50	20.79	145.53	1,144.26

23

Field name: 23

23

02/02/2012: Almond, in shell

Crop: Almond, in shell Acres planted: 70 Plant date: 02/02/2012

No harvests entered for this crop.

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	1.00	200.00	20.00	100.00	0.00
Total actual harvest content	0.00	0.00	0.00	0.00	0.00

24

Field name: 24

02/01/2012: Almond, in shell

Crop: Almond, in shell Acres planted: 72 Plant date: 02/01/2012

No harvests entered for this crop.

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	1.00	200.00	20.00	100.00	0.00
Total actual harvest content	0.00	0.00	0.00	0.00	0.00

25

Field name: 25

02/01/2012: Almond, in shell

Crop: Almond, in shell Acres planted: 76 Plant date: 02/01/2012

No harvests entered for this crop.

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	1.00	200.00	20.00	100.00	0.00
Total actual harvest content	0.00	0.00	0.00	0.00	0.00

26

Field name: 26

26

02/01/2012: Almond, in shell

Crop: Almond, in shell Acres planted: 78 Plant date: 02/01/2012

No harvests entered for this crop.

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	1.00	200.00	20.00	100.00	0.00
Total actual harvest content	0.00	0.00	0.00	0.00	0.00

27

Field name: 27

03/07/2022: Alfalfa, hay

Crop: Alfalfa, hay Acres planted: 76 Plant date: 03/07/2022

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	N (mg/kg)	P (mg/kg)	K (mg/kg)	Salt (mg/kg)	TFS (%)
04/17/2023	108.00 *ton*	Dry-weight		5.0	26,300.00	1,700.00	20,800.00		10.44
05/29/2023	158.00 *ton*	Dry-weight		5.0	26,300.00	1,700.00	20,800.00		10.44
06/23/2023	70.00 *ton*	Dry-weight		4.6	22,400.00	2,000.00	24,000.00		10.32
07/27/2023	109.00 *ton*	Dry-weight		4.6	22,400.00	2,000.00	24,000.00		10.32
08/30/2023	83.00 *ton*	Dry-weight		6.5	29,100.00	2,300.00	26,300.00		11.14
09/11/2023	85.00 *ton*	Dry-weight		6.5	29,100.00	2,300.00	26,300.00		11.14
09/29/2023	27.00 *ton*	Dry-weight		6.5	29,100.00	2,300.00	26,300.00		11.14

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	6.00	360.00	32.40	252.00	0.00
Total actual harvest content	8.42	415.18	31.33	372.36	1,692.52

28

Field name: 28

28

12/09/2022: Alfalfa/Wheat Hay Mix

Crop: Alfalfa/Wheat Hay Mix Acres planted: 82 Plant date: 12/09/2022

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	N (mg/kg)	P (mg/kg)	K (mg/kg)	Salt (mg/kg)	TFS (%)
06/07/2023	115.00 *ton*	Dry-weight		4.8	13,400.00	700.00	10,600.00		7.87

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	1.00	55.00	6.00	37.50	0.00
Total actual harvest content	1.40	35.78	1.87	28.30	210.15

11/29/2023: Winter Forage

Crop: Winter Forage Acres planted: 82 Plant date: 11/29/2023

No harvests entered for this crop.

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	6.00	90.00	16.20	69.60	0.00
Total actual harvest content	0.00	0.00	0.00	0.00	0.00

3

Field name: 3

11/22/2022: Alfalfa/Wheat Mix Hay

Crop: Alfalfa/Wheat Mix Hay Acres planted: 82 Plant date: 11/22/2022

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	N (mg/kg)	P (mg/kg)	K (mg/kg)	Salt (mg/kg)	TFS (%)
05/14/2023	177.50 *ton*	Dry-weight		5.0	14,200.00	1,400.00	9,400.00		7.92

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	1.00	55.00	6.00	37.50	0.00
Total actual harvest content	2.16	58.40	5.76	38.66	325.73

3

07/15/2023: Sorghum Silage

Crop: Sorghum Silage Acres planted: 79 Plant date: 07/15/2023

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	N (mg/kg)	P (mg/kg)	K (mg/kg)	Salt (mg/kg)	TFS (%)
11/10/2023	1,272.00 *ton*	Dry-weight		69.2	22,400.00	4,100.00	25,800.00		15.21

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	12.00	132.00	20.40	144.00	0.00
Total actual harvest content	16.10	222.17	40.67	255.89	1,508.59

12/06/2023: Winter Forage

Crop: Winter Forage Acres planted: 82 Plant date: 12/06/2023

No harvests entered for this crop.

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	6.00	90.00	16.20	69.60	0.00
Total actual harvest content	0.00	0.00	0.00	0.00	0.00

32

Field name: 32

06/14/2023: Sorghum Silage

Crop: Sorghum Silage Acres planted: 34 Plant date: 06/14/2023

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	N (mg/kg)	P (mg/kg)	K (mg/kg)	Salt (mg/kg)	TFS (%)
11/02/2023	638.00 *ton*	Dry-weight		71.2	27,500.00	3,600.00	31,500.00		20.25

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	12.00	132.00	20.40	144.00	0.00
Total actual harvest content	18.76	297.23	38.91	340.47	2,188.72

33

Field name: 33

33

06/14/2023: Sorghum Silage

Crop: Sorghum Silage Acres planted: 17 Plant date: 06/14/2023

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	N (mg/kg)	P (mg/kg)	K (mg/kg)	Salt (mg/kg)	TFS (%)
11/02/2023	325.00 *ton*	Dry-weight		73.1	27,900.00	2,300.00	21,100.00		15.91

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	12.00	132.00	20.40	144.00	0.00
Total actual harvest content	19.12	286.96	23.66	217.02	1,636.39

4

Field name: 4

03/14/2022: Alfalfa, hay

Crop: Alfalfa, hay Acres planted: 75 Plant date: 03/14/2022

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	N (mg/kg)	P (mg/kg)	K (mg/kg)	Salt (mg/kg)	TFS (%)
04/10/2023	126.00 *ton*	Dry-weight		7.2	33,200.00	2,800.00	31,100.00		10.84
04/28/2023	40.00 *ton*	Dry-weight		7.2	33,200.00	2,800.00	31,100.00		10.84
05/19/2023	124.00 *ton*	Dry-weight		7.2	33,200.00	2,800.00	31,100.00		10.84
06/20/2023	128.00 *ton*	Dry-weight		5.0	26,900.00	2,400.00	28,500.00		11.90
07/21/2023	120.00 *ton*	Dry-weight		7.2	33,200.00	2,800.00	31,100.00		10.84
08/21/2023	64.00 *ton*	Dry-weight		7.9	38,600.00	2,500.00	28,900.00		12.55
09/27/2023	90.00 *ton*	Dry-weight		7.9	38,600.00	2,500.00	28,900.00		12.55

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	6.00	360.00	32.40	252.00	0.00
Total actual harvest content	9.23	570.07	45.65	517.27	1,960.39

5

Field name: 5

5

11/05/2022: Wheat Hay

Crop: Wheat Hay Acres planted: 73 Plant date: 11/05/2022

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	N (mg/kg)	P (mg/kg)	K (mg/kg)	Salt (mg/kg)	TFS (%)
06/22/2023	322.00 *ton*	Dry-weight		3.8	17,700.00	2,700.00	20,600.00		8.41

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	1.00	50.00	6.50	33.00	0.00
Total actual harvest content	4.41	150.21	22.91	174.83	713.73

6

Field name: 6

11/21/2022: Alfalfa, hay

Crop: Alfalfa, hay Acres planted: 70 Plant date: 11/21/2022

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	N (mg/kg)	P (mg/kg)	K (mg/kg)	Salt (mg/kg)	TFS (%)
05/23/2023	87.00 *ton*	Dry-weight		5.3	33,500.00	2,300.00	29,800.00		12.63
06/08/2023	92.00 *ton*	Dry-weight		5.3	33,500.00	2,300.00	29,800.00		12.63
06/17/2023	70.00 *ton*	Dry-weight		5.3	33,500.00	2,300.00	29,800.00		12.63
07/19/2023	79.00 *ton*	Dry-weight		5.3	33,500.00	2,300.00	29,800.00		12.63
08/22/2023	72.00 *ton*	Dry-weight		8.4	30,800.00	2,800.00	40,900.00		14.32
09/21/2023	50.00 *ton*	Dry-weight		8.4	30,800.00	2,800.00	40,900.00		14.32

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	6.00	360.00	32.40	252.00	0.00
Total actual harvest content	6.43	395.65	29.35	395.06	1,578.11

7

Field name: 7

7

06/26/2023: Sorghum Silage

Crop: Sorghum Silage Acres planted: 81 Plant date: 06/26/2023

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	N (mg/kg)	P (mg/kg)	K (mg/kg)	Salt (mg/kg)	TFS (%)
11/02/2023	1,522.00 *ton*	Dry-weight		71.1	22,100.00	3,300.00	28,000.00		14.40

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	12.00	132.00	20.40	144.00	0.00
Total actual harvest content	18.79	240.02	35.84	304.10	1,563.94

8

Field name: 8

10/18/2021: Alfalfa, hay

Crop: Alfalfa, hay Acres planted: 84 Plant date: 10/18/2021

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	N (mg/kg)	P (mg/kg)	K (mg/kg)	Salt (mg/kg)	TFS (%)
04/06/2023	89.00 *ton*	Dry-weight		6.1	33,600.00	2,700.00	27,200.00		10.99
05/17/2023	148.00 *ton*	Dry-weight		6.1	33,600.00	2,700.00	27,200.00		10.99
06/13/2023	166.00 *ton*	Dry-weight		4.9	27,900.00	2,400.00	25,400.00		10.08
07/17/2023	87.00 *ton*	Dry-weight		4.9	27,900.00	2,400.00	25,400.00		10.08
08/16/2023	34.00 *ton*	Dry-weight		8.5	33,800.00	2,700.00	27,900.00		13.31
09/14/2023	53.00 *ton*	Dry-weight		8.5	33,800.00	2,700.00	27,900.00		13.31

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	6.00	360.00	32.40	252.00	0.00
Total actual harvest content	6.87	401.93	33.17	342.51	1,412.04

9

Field name: 9

9

06/16/2023: Sorghum Silage

Crop: Sorghum Silage Acres planted: 75 Plant date: 06/16/2023

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	N (mg/kg)	P (mg/kg)	K (mg/kg)	Salt (mg/kg)	TFS (%)
11/02/2023	1,451.00 *ton*	Dry-weight		74.4	19,900.00	2,100.00	19,400.00		14.79

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	12.00	132.00	20.40	144.00	0.00
Total actual harvest content	19.35	197.12	20.80	192.17	1,465.02

Sec. 10-1

Field name: Sec. 10-1

02/01/2014: Almond, in shell

Crop: Almond, in shell Acres planted: 77 Plant date: 02/01/2014

No harvests entered for this crop.

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	1.00	200.00	20.00	100.00	0.00
Total actual harvest content	0.00	0.00	0.00	0.00	0.00

Sec. 10-2

Field name: Sec. 10-2

02/01/2014: Almond, in shell

Crop: Almond, in shell Acres planted: 73 Plant date: 02/01/2014

No harvests entered for this crop.

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	1.00	200.00	20.00	100.00	0.00
Total actual harvest content	0.00	0.00	0.00	0.00	0.00

Sec. 10-3

Field name: Sec. 10-3

03/01/2014: Almond, in shell

Crop: Almond, in shell Acres planted: 77 Plant date: 03/01/2014

No harvests entered for this crop.

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	1.00	200.00	20.00	100.00	0.00
Total actual harvest content	0.00	0.00	0.00	0.00	0.00

Sec. 10-4

Field name: Sec. 10-4

03/01/2014: Almond, in shell

Crop: Almond, in shell Acres planted: 78 Plant date: 03/01/2014

No harvests entered for this crop.

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	1.00	200.00	20.00	100.00	0.00
Total actual harvest content	0.00	0.00	0.00	0.00	0.00

Sec. 11-1

Field name: Sec. 11-1

Sec. 11-1

11/10/2019: Alfalfa, hay

Crop: Alfalfa, hay Acres planted: 81 Plant date: 11/10/2019

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	N (mg/kg)	P (mg/kg)	K (mg/kg)	Salt (mg/kg)	TFS (%)
05/03/2023	103.00 *ton*	Dry-weight		5.5	31,000.00	2,100.00	18,800.00		12.91
06/10/2023	75.00 *ton*	Dry-weight		5.5	31,000.00	2,100.00	18,800.00		12.91
07/11/2023	101.00 *ton*	Dry-weight		5.5	31,000.00	2,100.00	18,800.00		12.91
08/11/2023	95.00 *ton*	Dry-weight		18.3	34,000.00	2,600.00	17,000.00		14.34

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	6.00	360.00	32.40	252.00	0.00
Total actual harvest content	4.62	266.97	18.65	154.97	1,115.26

11/25/2023: Alfalfa/Winter Forage Mix

Crop: Alfalfa/Winter Forage Mix Acres planted: 81 Plant date: 11/25/2023

No harvests entered for this crop.

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	6.00	240.00	39.00	198.00	0.00
Total actual harvest content	0.00	0.00	0.00	0.00	0.00

Sec. 11-2

Field name: Sec. 11-2

Sec. 11-2

11/28/2022: Alfalfa, hay

Crop: Alfalfa, hay Acres planted: 82 Plant date: 11/28/2022

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	N (mg/kg)	P (mg/kg)	K (mg/kg)	Salt (mg/kg)	TFS (%)
05/27/2023	112.00 *ton*	Dry-weight		5.8	34,400.00	2,500.00	25,100.00		10.38
06/29/2023	65.00 *ton*	Dry-weight		5.8	34,400.00	2,500.00	25,100.00		10.38
08/01/2023	75.00 *ton*	Dry-weight		5.8	32,500.00	2,400.00	31,500.00		10.84
09/07/2023	90.00 *ton*	Dry-weight		5.8	32,500.00	2,400.00	31,500.00		10.84
10/06/2023	65.00 *ton*	Dry-weight		8.0	41,700.00	3,000.00	30,500.00		14.09

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	6.00	360.00	32.40	252.00	0.00
Total actual harvest content	4.96	323.92	23.64	265.97	1,038.57

Sec. 11-3

Field name: Sec. 11-3

12/07/2022: Alfalfa/Wheat Mix Hay

Crop: Alfalfa/Wheat Mix Hay Acres planted: 85 Plant date: 12/07/2022

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	N (mg/kg)	P (mg/kg)	K (mg/kg)	Salt (mg/kg)	TFS (%)
06/05/2023	180.00 *ton*	Dry-weight		4.0	16,900.00	1,000.00	12,000.00		7.42

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	1.00	55.00	6.00	37.50	0.00
Total actual harvest content	2.12	68.71	4.07	48.79	301.69

Sec. 11-3

12/11/2023: Winter Forage

Crop: Winter Forage Acres planted: 85 Plant date: 12/11/2023

No harvests entered for this crop.

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	6.00	90.00	16.20	69.60	0.00
Total actual harvest content	0.00	0.00	0.00	0.00	0.00

Sec. 11-4

Field name: Sec. 11-4

11/10/2022: Alfalfa, hay

Crop: Alfalfa, hay Acres planted: 68 Plant date: 11/10/2022

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	N (mg/kg)	P (mg/kg)	K (mg/kg)	Salt (mg/kg)	TFS (%)
05/29/2023	62.00 *ton*	Dry-weight		6.3	31,100.00	2,800.00	29,000.00		11.73
06/27/2023	52.00 *ton*	Dry-weight		6.3	31,100.00	2,800.00	29,000.00		11.73
07/28/2023	57.00 *ton*	Dry-weight		5.7	24,000.00	2,800.00	26,200.00		14.68
08/19/2023	54.00 *ton*	Dry-weight		5.7	24,000.00	2,800.00	26,200.00		14.68
10/02/2023	52.00 *ton*	Dry-weight		9.7	38,400.00	2,100.00	22,900.00		13.35

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	6.00	360.00	32.40	252.00	0.00
Total actual harvest content	4.07	224.63	20.32	203.40	1,004.83

Sec. 11-5

Field name: Sec. 11-5

Sec. 11-5

01/01/2015: Almond, in shell

Crop: Almond, in shell Acres planted: 80 Plant date: 01/01/2015

No harvests entered for this crop.

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	1.00	200.00	20.00	100.00	0.00
Total actual harvest content	0.00	0.00	0.00	0.00	0.00

Sec. 11-6

Field name: Sec. 11-6

01/01/2015: Almond, in shell

Crop: Almond, in shell Acres planted: 86 Plant date: 01/01/2015

No harvests entered for this crop.

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	1.00	200.00	20.00	100.00	0.00
Total actual harvest content	0.00	0.00	0.00	0.00	0.00

Sec. 11-7

Field name: Sec. 11-7

01/01/2017: Almond, in shell

Crop: Almond, in shell Acres planted: 86 Plant date: 01/01/2017

No harvests entered for this crop.

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	1.00	200.00	20.00	100.00	0.00
Total actual harvest content	0.00	0.00	0.00	0.00	0.00

Sec. 11-8

Field name: Sec. 11-8

Sec. 11-8

01/01/2017: Almond, in shell

Crop: Almond, in shell Acres planted: 70 Plant date: 01/01/2017

No harvests entered for this crop.

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	1.00	200.00	20.00	100.00	0.00
Total actual harvest content	0.00	0.00	0.00	0.00	0.00

NUTRIENT BUDGET

A. LAND APPLICATIONS

1 - 05/01/1993: Raisins

Field name: 1

Crop: Raisins Plant date: 05/01/1993

No nutrient budget entered for this crop.

10 - 11/07/2022: Wheat Hay

Field name: 10

Crop: Wheat Hay Plant date: 11/07/2022

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
02/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.10	0.00	0.00	9.42	352,620.00 *gal*
Application event totals		0.10	0.00	0.00	9.42	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
02/06/2023	Surface (irrigation)	No precipitation	Light rain	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.10	0.00	0.00	9.41	352,260.00 *gal*
Application event totals		0.10	0.00	0.00	9.41	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
02/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.10	0.00	0.00	9.42	352,620.00 *gal*
Application event totals		0.10	0.00	0.00	9.42	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
02/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	3.70	0.23	1.68	11.41	90,180.00 *gal*
Application event totals		3.70	0.23	1.68	11.41	

10 - 11/07/2022: Wheat Hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
02/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.09	0.00	0.00	8.37	313,440.00 *gal*
Application event totals		0.09	0.00	0.00	8.37	

02/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	3.29	0.20	1.50	10.14	80,160.00 *gal*
Application event totals		3.29	0.20	1.50	10.14	

05/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.38	0.00	0.00	16.17	242,280.00 *gal*
Application event totals		0.38	0.00	0.00	16.17	

05/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.32	0.00	0.00	56.61	847,980.00 *gal*
Application event totals		1.32	0.00	0.00	56.61	

05/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.32	0.00	0.00	56.61	847,980.00 *gal*
Application event totals		1.32	0.00	0.00	56.61	

05/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.08	0.00	0.00	12.76	1,005,600.00 *gal*
Application event totals		0.08	0.00	0.00	12.76	

10 - 11/07/2022: Wheat Hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.08	0.00	0.00	12.76	1,005,600.00 *gal*
Application event totals		0.08	0.00	0.00	12.76	

10 - 07/20/2023: Sorghum Silage

Field name: 10

Crop: Sorghum Silage

Plant date: 07/20/2023

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.39	0.00	0.00	16.62	242,280.00 *gal*
Application event totals		0.39	0.00	0.00	16.62	

07/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.53	0.00	0.00	22.84	333,040.00 *gal*
Application event totals		0.53	0.00	0.00	22.84	

07/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.71	0.00	0.00	30.47	444,180.00 *gal*
Application event totals		0.71	0.00	0.00	30.47	

07/28/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.71	0.00	0.00	30.47	444,180.00 *gal*
Application event totals		0.71	0.00	0.00	30.47	

10 - 07/20/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.71	0.00	0.00	30.47	444,180.00 *gal*
Application event totals		0.71	0.00	0.00	30.47	

07/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.05	0.00	0.00	7.85	602,240.00 *gal*
Application event totals		0.05	0.00	0.00	7.85	

07/28/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.05	0.00	0.00	7.85	602,240.00 *gal*
Application event totals		0.05	0.00	0.00	7.85	

07/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.05	0.00	0.00	7.85	602,240.00 *gal*
Application event totals		0.05	0.00	0.00	7.85	

07/28/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.05	0.00	0.00	7.85	602,240.00 *gal*
Application event totals		0.05	0.00	0.00	7.85	

07/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.05	0.00	0.00	7.85	602,240.00 *gal*
Application event totals		0.05	0.00	0.00	7.85	

10 - 07/20/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/28/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	5.29	0.74	3.82	23.77	70,140.00 *gal*
Application event totals		5.29	0.74	3.82	23.77	

07/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.71	0.00	0.00	30.47	444,180.00 *gal*
Application event totals		0.71	0.00	0.00	30.47	

07/31/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.71	0.00	0.00	30.47	444,180.00 *gal*
Application event totals		0.71	0.00	0.00	30.47	

08/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.71	0.00	0.00	30.47	444,180.00 *gal*
Application event totals		0.71	0.00	0.00	30.47	

08/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.71	0.00	0.00	30.47	444,180.00 *gal*
Application event totals		0.71	0.00	0.00	30.47	

08/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.71	0.00	0.00	30.47	444,180.00 *gal*
Application event totals		0.71	0.00	0.00	30.47	

10 - 07/20/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.52	0.00	0.00	22.16	323,040.00 *gal*
Application event totals		0.52	0.00	0.00	22.16	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.52	0.00	0.00	22.16	323,040.00 *gal*
Application event totals		0.52	0.00	0.00	22.16	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.05	0.00	0.00	7.85	602,240.00 *gal*
Application event totals		0.05	0.00	0.00	7.85	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/31/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.05	0.00	0.00	7.85	602,240.00 *gal*
Application event totals		0.05	0.00	0.00	7.85	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.05	0.00	0.00	7.85	602,240.00 *gal*
Application event totals		0.05	0.00	0.00	7.85	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.05	0.00	0.00	7.85	602,240.00 *gal*
Application event totals		0.05	0.00	0.00	7.85	

10 - 07/20/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.05	0.00	0.00	7.85	602,240.00 *gal*
Application event totals		0.05	0.00	0.00	7.85	

08/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.05	0.00	0.00	7.85	602,240.00 *gal*
Application event totals		0.05	0.00	0.00	7.85	

08/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.05	0.00	0.00	7.85	602,240.00 *gal*
Application event totals		0.05	0.00	0.00	7.85	

08/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.23	0.00	0.00	52.62	767,200.00 *gal*
Application event totals		1.23	0.00	0.00	52.62	

08/18/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.23	0.00	0.00	52.62	767,200.00 *gal*
Application event totals		1.23	0.00	0.00	52.62	

08/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.23	0.00	0.00	52.62	767,200.00 *gal*
Application event totals		1.23	0.00	0.00	52.62	

10 - 07/20/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.11	0.00	0.00	18.97	1,455,320.00 *gal*
Application event totals		0.11	0.00	0.00	18.97	

08/18/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.11	0.00	0.00	18.97	1,455,320.00 *gal*
Application event totals		0.11	0.00	0.00	18.97	

08/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.07	0.00	0.00	12.45	955,320.00 *gal*
Application event totals		0.07	0.00	0.00	12.45	

08/20/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.23	0.00	0.00	52.62	767,200.00 *gal*
Application event totals		1.23	0.00	0.00	52.62	

08/21/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.71	0.00	0.00	30.47	444,180.00 *gal*
Application event totals		0.71	0.00	0.00	30.47	

08/20/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.07	0.00	0.00	12.45	955,320.00 *gal*
Application event totals		0.07	0.00	0.00	12.45	

10 - 07/20/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/21/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.04	0.00	0.00	7.21	553,080.00 *gal*
Application event totals		0.04	0.00	0.00	7.21	

08/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.07	0.00	0.00	12.45	955,320.00 *gal*
Application event totals		0.07	0.00	0.00	12.45	

08/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.07	0.00	0.00	12.45	955,320.00 *gal*
Application event totals		0.07	0.00	0.00	12.45	

09/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.23	0.00	0.00	52.62	767,200.00 *gal*
Application event totals		1.23	0.00	0.00	52.62	

09/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.23	0.00	0.00	52.62	767,200.00 *gal*
Application event totals		1.23	0.00	0.00	52.62	

09/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.07	0.00	0.00	12.45	955,320.00 *gal*
Application event totals		0.07	0.00	0.00	12.45	

10 - 07/20/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	16.62	1,514,600.00 *gal*
Application event totals		0.00	0.00	0.00	16.62	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.23	0.00	0.00	52.62	767,200.00 *gal*
Application event totals		1.23	0.00	0.00	52.62	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.23	0.00	0.00	52.62	767,200.00 *gal*
Application event totals		1.23	0.00	0.00	52.62	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.23	0.00	0.00	52.62	767,200.00 *gal*
Application event totals		1.23	0.00	0.00	52.62	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.23	0.00	0.00	52.62	767,200.00 *gal*
Application event totals		1.23	0.00	0.00	52.62	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/14/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.23	0.00	0.00	52.62	767,200.00 *gal*
Application event totals		1.23	0.00	0.00	52.62	

10 - 07/20/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.23	0.00	0.00	52.62	767,200.00 *gal*
Application event totals		1.23	0.00	0.00	52.62	

09/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.23	0.00	0.00	52.62	767,200.00 *gal*
Application event totals		1.23	0.00	0.00	52.62	

09/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.07	0.00	0.00	12.45	955,320.00 *gal*
Application event totals		0.07	0.00	0.00	12.45	

09/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.07	0.00	0.00	12.45	955,320.00 *gal*
Application event totals		0.07	0.00	0.00	12.45	

09/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.07	0.00	0.00	12.45	955,320.00 *gal*
Application event totals		0.07	0.00	0.00	12.45	

09/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.07	0.00	0.00	12.45	955,320.00 *gal*
Application event totals		0.07	0.00	0.00	12.45	

10 - 07/20/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.07	0.00	0.00	12.45	955,320.00 *gal*
Application event totals		0.07	0.00	0.00	12.45	

09/14/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.07	0.00	0.00	12.45	955,320.00 *gal*
Application event totals		0.07	0.00	0.00	12.45	

09/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.07	0.00	0.00	12.45	955,320.00 *gal*
Application event totals		0.07	0.00	0.00	12.45	

09/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.23	0.00	0.00	52.62	767,200.00 *gal*
Application event totals		1.23	0.00	0.00	52.62	

09/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.23	0.00	0.00	52.62	767,200.00 *gal*
Application event totals		1.23	0.00	0.00	52.62	

09/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.07	0.00	0.00	12.45	955,320.00 *gal*
Application event totals		0.07	0.00	0.00	12.45	

10 - 07/20/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.23	0.00	0.00	52.62	767,200.00 *gal*
Application event totals		1.23	0.00	0.00	52.62	

10/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.23	0.00	0.00	52.62	767,200.00 *gal*
Application event totals		1.23	0.00	0.00	52.62	

10/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.23	0.00	0.00	52.62	767,200.00 *gal*
Application event totals		1.23	0.00	0.00	52.62	

10/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.23	0.00	0.00	52.62	767,200.00 *gal*
Application event totals		1.23	0.00	0.00	52.62	

10/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.23	0.00	0.00	52.62	767,200.00 *gal*
Application event totals		1.23	0.00	0.00	52.62	

10/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.23	0.00	0.00	52.62	767,200.00 *gal*
Application event totals		1.23	0.00	0.00	52.62	

10 - 07/20/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.78	0.00	0.00	33.24	484,560.00 *gal*
Application event totals		0.78	0.00	0.00	33.24	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.07	0.00	0.00	12.45	955,320.00 *gal*
Application event totals		0.07	0.00	0.00	12.45	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.07	0.00	0.00	12.45	955,320.00 *gal*
Application event totals		0.07	0.00	0.00	12.45	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.07	0.00	0.00	12.45	955,320.00 *gal*
Application event totals		0.07	0.00	0.00	12.45	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.07	0.00	0.00	12.45	955,320.00 *gal*
Application event totals		0.07	0.00	0.00	12.45	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.07	0.00	0.00	12.45	955,320.00 *gal*
Application event totals		0.07	0.00	0.00	12.45	

10 - 07/20/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.07	0.00	0.00	12.45	955,320.00 *gal*
Application event totals		0.07	0.00	0.00	12.45	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.07	0.00	0.00	12.45	955,320.00 *gal*
Application event totals		0.07	0.00	0.00	12.45	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.07	0.00	0.00	12.45	955,320.00 *gal*
Application event totals		0.07	0.00	0.00	12.45	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.07	0.00	0.00	12.45	955,320.00 *gal*
Application event totals		0.07	0.00	0.00	12.45	

11 - 11/10/2019: Alfalfa, hay

Field name: 11

Crop: Alfalfa, hay

Plant date: 11/10/2019

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.40	0.00	0.00	29.75	885,780.00 *gal*
Application event totals		0.40	0.00	0.00	29.75	

11 - 11/10/2019: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.40	0.00	0.00	29.75	885,780.00 *gal*
Application event totals		0.40	0.00	0.00	29.75	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/18/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.40	0.00	0.00	29.75	885,780.00 *gal*
Application event totals		0.40	0.00	0.00	29.75	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.38	0.00	0.00	28.34	843,600.00 *gal*
Application event totals		0.38	0.00	0.00	28.34	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11	Ground water	0.33	0.00	0.00	15.31	326,400.00 *gal*
Application event totals		0.33	0.00	0.00	15.31	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11	Ground water	0.83	0.00	0.00	38.27	816,000.00 *gal*
Application event totals		0.83	0.00	0.00	38.27	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11	Ground water	0.79	0.00	0.00	36.36	775,200.00 *gal*
Application event totals		0.79	0.00	0.00	36.36	

11 - 11/10/2019: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11	Ground water	0.83	0.00	0.00	38.27	816,000.00 *gal*
Application event totals		0.83	0.00	0.00	38.27	

05/18/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11	Ground water	0.83	0.00	0.00	38.27	816,000.00 *gal*
Application event totals		0.83	0.00	0.00	38.27	

05/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11	Ground water	0.79	0.00	0.00	36.36	775,200.00 *gal*
Application event totals		0.79	0.00	0.00	36.36	

05/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.49	0.00	0.00	31.30	470,340.00 *gal*
Application event totals		0.49	0.00	0.00	31.30	

05/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.14	0.00	0.00	73.03	1,097,460.00 *gal*
Application event totals		1.14	0.00	0.00	73.03	

05/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.14	0.00	0.00	73.03	1,097,460.00 *gal*
Application event totals		1.14	0.00	0.00	73.03	

11 - 11/10/2019: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/18/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.14	0.00	0.00	73.03	1,097,460.00 *gal*
Application event totals		1.14	0.00	0.00	73.03	

05/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.14	0.00	0.00	73.03	1,097,460.00 *gal*
Application event totals		1.14	0.00	0.00	73.03	

05/20/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.08	0.00	0.00	69.56	1,045,200.00 *gal*
Application event totals		1.08	0.00	0.00	69.56	

05/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.29	0.00	0.00	26.82	1,057,860.00 *gal*
Application event totals		0.29	0.00	0.00	26.82	

05/18/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	4.24	0.00	0.00	23.84	80,160.00 *gal*
Application event totals		4.24	0.00	0.00	23.84	

05/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.19	0.00	0.00	14.17	421,800.00 *gal*
Application event totals		0.19	0.00	0.00	14.17	

11 - 11/10/2019: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.38	0.00	0.00	28.34	843,600.00 *gal*
Application event totals		0.38	0.00	0.00	28.34	

05/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11	Ground water	0.33	0.00	0.00	15.31	326,400.00 *gal*
Application event totals		0.33	0.00	0.00	15.31	

05/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11	Ground water	0.83	0.00	0.00	38.27	816,000.00 *gal*
Application event totals		0.83	0.00	0.00	38.27	

05/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11	Ground water	0.83	0.00	0.00	38.27	816,000.00 *gal*
Application event totals		0.83	0.00	0.00	38.27	

05/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11	Ground water	0.83	0.00	0.00	38.27	816,000.00 *gal*
Application event totals		0.83	0.00	0.00	38.27	

05/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11	Ground water	0.83	0.00	0.00	38.27	816,000.00 *gal*
Application event totals		0.83	0.00	0.00	38.27	

11 - 11/10/2019: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11	Ground water	0.79	0.00	0.00	36.36	775,200.00 *gal*
Application event totals		0.79	0.00	0.00	36.36	

05/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.49	0.00	0.00	31.30	470,340.00 *gal*
Application event totals		0.49	0.00	0.00	31.30	

05/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.14	0.00	0.00	73.03	1,097,460.00 *gal*
Application event totals		1.14	0.00	0.00	73.03	

05/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	1.25	0.00	0.00	115.22	4,544,880.00 *gal*
Application event totals		1.25	0.00	0.00	115.22	

06/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11	Ground water	0.79	0.00	0.00	36.36	775,200.00 *gal*
Application event totals		0.79	0.00	0.00	36.36	

05/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.11	0.00	0.00	9.93	391,800.00 *gal*
Application event totals		0.11	0.00	0.00	9.93	

11 - 11/10/2019: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	3.18	0.00	0.00	17.88	60,120.00 *gal*
Application event totals		3.18	0.00	0.00	17.88	

06/14/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11	Ground water	0.33	0.00	0.00	15.31	326,400.00 *gal*
Application event totals		0.33	0.00	0.00	15.31	

06/14/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11	Ground water	0.79	0.00	0.00	36.36	775,200.00 *gal*
Application event totals		0.79	0.00	0.00	36.36	

06/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11	Ground water	0.79	0.00	0.00	36.36	775,200.00 *gal*
Application event totals		0.79	0.00	0.00	36.36	

06/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11	Ground water	0.79	0.00	0.00	36.36	775,200.00 *gal*
Application event totals		0.79	0.00	0.00	36.36	

06/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11	Ground water	0.79	0.00	0.00	36.36	775,200.00 *gal*
Application event totals		0.79	0.00	0.00	36.36	

11 - 11/10/2019: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/14/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.03	0.00	0.00	66.08	992,940.00 *gal*
Application event totals		1.03	0.00	0.00	66.08	

06/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.03	0.00	0.00	66.08	992,940.00 *gal*
Application event totals		1.03	0.00	0.00	66.08	

06/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.03	0.00	0.00	66.08	992,940.00 *gal*
Application event totals		1.03	0.00	0.00	66.08	

06/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.03	0.00	0.00	66.08	992,940.00 *gal*
Application event totals		1.03	0.00	0.00	66.08	

06/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.12	0.00	0.00	10.93	430,980.00 *gal*
Application event totals		0.12	0.00	0.00	10.93	

06/18/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11	Ground water	0.79	0.00	0.00	36.36	775,200.00 *gal*
Application event totals		0.79	0.00	0.00	36.36	

11 - 11/10/2019: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11	Ground water	0.79	0.00	0.00	36.36	775,200.00 *gal*
Application event totals		0.79	0.00	0.00	36.36	

06/20/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11	Ground water	0.79	0.00	0.00	36.36	775,200.00 *gal*
Application event totals		0.79	0.00	0.00	36.36	

06/21/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11	Ground water	0.54	0.00	0.00	24.88	530,400.00 *gal*
Application event totals		0.54	0.00	0.00	24.88	

06/18/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.03	0.00	0.00	66.08	992,940.00 *gal*
Application event totals		1.03	0.00	0.00	66.08	

06/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.03	0.00	0.00	66.08	992,940.00 *gal*
Application event totals		1.03	0.00	0.00	66.08	

06/20/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.03	0.00	0.00	66.08	992,940.00 *gal*
Application event totals		1.03	0.00	0.00	66.08	

11 - 11/10/2019: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/21/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.81	0.00	0.00	52.17	783,900.00 *gal*
Application event totals		0.81	0.00	0.00	52.17	

06/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.93	0.00	0.00	85.42	3,369,480.00 *gal*
Application event totals		0.93	0.00	0.00	85.42	

06/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	3.18	0.00	0.00	17.88	60,120.00 *gal*
Application event totals		3.18	0.00	0.00	17.88	

06/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.11	0.00	0.00	9.93	391,800.00 *gal*
Application event totals		0.11	0.00	0.00	9.93	

07/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.26	0.00	0.00	17.52	385,800.00 *gal*
Application event totals		0.26	0.00	0.00	17.52	

07/18/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.26	0.00	0.00	17.52	385,800.00 *gal*
Application event totals		0.26	0.00	0.00	17.52	

11 - 11/10/2019: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.26	0.00	0.00	17.52	385,800.00 *gal*
Application event totals		0.26	0.00	0.00	17.52	

07/21/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.26	0.00	0.00	17.52	385,800.00 *gal*
Application event totals		0.26	0.00	0.00	17.52	

07/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.26	0.00	0.00	17.52	385,800.00 *gal*
Application event totals		0.26	0.00	0.00	17.52	

07/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.81	0.00	0.00	52.17	783,900.00 *gal*
Application event totals		0.81	0.00	0.00	52.17	

07/18/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.54	0.00	0.00	34.78	522,600.00 *gal*
Application event totals		0.54	0.00	0.00	34.78	

07/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.54	0.00	0.00	34.78	522,600.00 *gal*
Application event totals		0.54	0.00	0.00	34.78	

11 - 11/10/2019: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/20/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.54	0.00	0.00	34.78	522,600.00 *gal*
Application event totals		0.54	0.00	0.00	34.78	

07/21/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.54	0.00	0.00	34.78	522,600.00 *gal*
Application event totals		0.54	0.00	0.00	34.78	

07/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.60	0.00	0.00	38.26	574,860.00 *gal*
Application event totals		0.60	0.00	0.00	38.26	

07/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.22	0.00	0.00	19.87	783,600.00 *gal*
Application event totals		0.22	0.00	0.00	19.87	

07/18/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.22	0.00	0.00	19.87	783,600.00 *gal*
Application event totals		0.22	0.00	0.00	19.87	

07/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.11	0.00	0.00	9.93	391,800.00 *gal*
Application event totals		0.11	0.00	0.00	9.93	

11 - 11/10/2019: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/20/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.19	0.00	0.00	17.88	705,240.00 *gal*
Application event totals		0.19	0.00	0.00	17.88	

07/21/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.19	0.00	0.00	17.88	705,240.00 *gal*
Application event totals		0.19	0.00	0.00	17.88	

07/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.19	0.00	0.00	17.88	705,240.00 *gal*
Application event totals		0.19	0.00	0.00	17.88	

07/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.19	0.00	0.00	14.17	421,800.00 *gal*
Application event totals		0.19	0.00	0.00	14.17	

07/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.19	0.00	0.00	14.17	421,800.00 *gal*
Application event totals		0.19	0.00	0.00	14.17	

07/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.49	0.00	0.00	33.30	733,020.00 *gal*
Application event totals		0.49	0.00	0.00	33.30	

11 - 11/10/2019: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.26	0.00	0.00	17.52	385,800.00 *gal*
Application event totals		0.26	0.00	0.00	17.52	

07/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.54	0.00	0.00	34.78	522,600.00 *gal*
Application event totals		0.54	0.00	0.00	34.78	

07/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.03	0.00	0.00	66.08	992,940.00 *gal*
Application event totals		1.03	0.00	0.00	66.08	

07/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.54	0.00	0.00	34.78	522,600.00 *gal*
Application event totals		0.54	0.00	0.00	34.78	

07/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.11	0.00	0.00	9.93	391,800.00 *gal*
Application event totals		0.11	0.00	0.00	9.93	

07/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.22	0.00	0.00	19.87	783,600.00 *gal*
Application event totals		0.22	0.00	0.00	19.87	

11 - 11/10/2019: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.74	0.00	0.00	50.64	1,114,920.00 *gal*
Application event totals		0.74	0.00	0.00	50.64	

08/14/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.11	0.00	0.00	19.08	1,114,920.00 *gal*
Application event totals		0.11	0.00	0.00	19.08	

08/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11	Ground water	1.13	0.00	0.00	52.29	1,114,920.00 *gal*
Application event totals		1.13	0.00	0.00	52.29	

08/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.06	0.00	0.00	10.04	586,800.00 *gal*
Application event totals		0.06	0.00	0.00	10.04	

08/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	0.35	0.00	0.00	30.77	585,000.00 *gal*
Application event totals		0.35	0.00	0.00	30.77	

08/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	1.05	0.00	0.00	77.93	2,319,900.00 *gal*
Application event totals		1.05	0.00	0.00	77.93	

11 - 11/10/2019: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/18/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.36	0.00	0.00	26.92	801,420.00 *gal*
Application event totals		0.36	0.00	0.00	26.92	

08/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.36	0.00	0.00	26.92	801,420.00 *gal*
Application event totals		0.36	0.00	0.00	26.92	

08/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.03	0.00	0.00	66.08	992,940.00 *gal*
Application event totals		1.03	0.00	0.00	66.08	

08/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.03	0.00	0.00	66.08	992,940.00 *gal*
Application event totals		1.03	0.00	0.00	66.08	

08/18/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.03	0.00	0.00	66.08	992,940.00 *gal*
Application event totals		1.03	0.00	0.00	66.08	

08/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.03	0.00	0.00	66.08	992,940.00 *gal*
Application event totals		1.03	0.00	0.00	66.08	

11 - 11/10/2019: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.22	0.00	0.00	19.87	783,600.00 *gal*
Application event totals		0.22	0.00	0.00	19.87	

08/14/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.22	0.00	0.00	19.87	783,600.00 *gal*
Application event totals		0.22	0.00	0.00	19.87	

08/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.11	0.00	0.00	9.93	391,800.00 *gal*
Application event totals		0.11	0.00	0.00	9.93	

08/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.22	0.00	0.00	19.87	783,600.00 *gal*
Application event totals		0.22	0.00	0.00	19.87	

08/18/2023	Surface (irrigation)	No precipitation	No precipitation	Light rain

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.11	0.00	0.00	9.93	391,800.00 *gal*
Application event totals		0.11	0.00	0.00	9.93	

08/20/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.36	0.00	0.00	26.92	801,420.00 *gal*
Application event totals		0.36	0.00	0.00	26.92	

11 - 11/10/2019: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/21/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.36	0.00	0.00	26.92	801,420.00 *gal*
Application event totals		0.36	0.00	0.00	26.92	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/20/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.03	0.00	0.00	66.08	992,940.00 *gal*
Application event totals		1.03	0.00	0.00	66.08	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/21/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.03	0.00	0.00	66.08	992,940.00 *gal*
Application event totals		1.03	0.00	0.00	66.08	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/21/2023	Surface (irrigation)	Light rain	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.11	0.00	0.00	9.93	391,800.00 *gal*
Application event totals		0.11	0.00	0.00	9.93	

11 - 12/08/2023: Alfalfa/Winter Forage Mix

Field name: 11

Crop: Alfalfa/Winter Forage Mix

Plant date: 12/08/2023

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
11/18/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	14.66	0.00	0.00	942.49	14,162,460.00 *gal*
Application event totals		14.66	0.00	0.00	942.49	

11 - 12/08/2023: Alfalfa/Winter Forage Mix

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
11/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	2.58	0.00	0.00	238.39	9,403,200.00 *gal*
Application event totals		2.58	0.00	0.00	238.39	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
11/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	6.45	0.71	4.49	26.12	70,140.00 *gal*
Application event totals		6.45	0.71	4.49	26.12	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
11/28/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	6.45	0.71	4.49	26.12	70,140.00 *gal*
Application event totals		6.45	0.71	4.49	26.12	

12 - 06/28/2023: Sorghum Silage

Field name: 12

Crop: Sorghum Silage

Plant date: 06/28/2023

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.44	0.00	0.00	23.61	534,000.00 *gal*
Application event totals		0.44	0.00	0.00	23.61	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.67	0.00	0.00	28.88	444,180.00 *gal*
Application event totals		0.67	0.00	0.00	28.88	

12 - 06/28/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	4.44	427,200.00 *gal*
Application event totals		0.00	0.00	0.00	4.44	

07/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	4.44	427,200.00 *gal*
Application event totals		0.00	0.00	0.00	4.44	

07/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.50	0.00	0.00	32.11	470,340.00 *gal*
Application event totals		0.50	0.00	0.00	32.11	

07/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.50	0.00	0.00	32.11	470,340.00 *gal*
Application event totals		0.50	0.00	0.00	32.11	

07/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.50	0.00	0.00	32.11	470,340.00 *gal*
Application event totals		0.50	0.00	0.00	32.11	

07/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.50	0.00	0.00	32.11	470,340.00 *gal*
Application event totals		0.50	0.00	0.00	32.11	

12 - 06/28/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.03	0.00	0.00	4.97	402,240.00 *gal*
Application event totals		0.03	0.00	0.00	4.97	

07/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.03	0.00	0.00	5.59	452,240.00 *gal*
Application event totals		0.03	0.00	0.00	5.59	

07/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.03	0.00	0.00	4.97	402,240.00 *gal*
Application event totals		0.03	0.00	0.00	4.97	

07/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.03	0.00	0.00	4.97	402,240.00 *gal*
Application event totals		0.03	0.00	0.00	4.97	

07/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.03	0.00	0.00	4.97	402,240.00 *gal*
Application event totals		0.03	0.00	0.00	4.97	

07/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.50	0.00	0.00	32.11	470,340.00 *gal*
Application event totals		0.50	0.00	0.00	32.11	

12 - 06/28/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.50	0.00	0.00	32.11	470,340.00 *gal*
Application event totals		0.50	0.00	0.00	32.11	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.50	0.00	0.00	32.11	470,340.00 *gal*
Application event totals		0.50	0.00	0.00	32.11	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.50	0.00	0.00	32.11	470,340.00 *gal*
Application event totals		0.50	0.00	0.00	32.11	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.50	0.00	0.00	32.11	470,340.00 *gal*
Application event totals		0.50	0.00	0.00	32.11	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.03	0.00	0.00	4.97	402,240.00 *gal*
Application event totals		0.03	0.00	0.00	4.97	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.03	0.00	0.00	5.59	452,520.00 *gal*
Application event totals		0.03	0.00	0.00	5.59	

12 - 06/28/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.03	0.00	0.00	5.59	452,520.00 *gal*
Application event totals		0.03	0.00	0.00	5.59	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.03	0.00	0.00	5.59	452,520.00 *gal*
Application event totals		0.03	0.00	0.00	5.59	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.03	0.00	0.00	5.59	452,520.00 *gal*
Application event totals		0.03	0.00	0.00	5.59	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.49	0.00	0.00	21.01	323,040.00 *gal*
Application event totals		0.49	0.00	0.00	21.01	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.49	0.00	0.00	21.01	323,040.00 *gal*
Application event totals		0.49	0.00	0.00	21.01	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.33	0.00	0.00	21.41	313,560.00 *gal*
Application event totals		0.33	0.00	0.00	21.41	

12 - 06/28/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.49	0.00	0.00	21.01	323,040.00 *gal*
Application event totals		0.49	0.00	0.00	21.01	

08/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.49	0.00	0.00	21.01	323,040.00 *gal*
Application event totals		0.49	0.00	0.00	21.01	

08/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.03	0.00	0.00	5.59	452,520.00 *gal*
Application event totals		0.03	0.00	0.00	5.59	

08/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.03	0.00	0.00	5.59	452,520.00 *gal*
Application event totals		0.03	0.00	0.00	5.59	

08/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.44	0.00	0.00	28.55	418,080.00 *gal*
Application event totals		0.44	0.00	0.00	28.55	

08/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.44	0.00	0.00	28.55	418,080.00 *gal*
Application event totals		0.44	0.00	0.00	28.55	

12 - 06/28/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.44	0.00	0.00	28.55	418,080.00 *gal*
Application event totals		0.44	0.00	0.00	28.55	

08/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.44	0.00	0.00	28.55	418,080.00 *gal*
Application event totals		0.44	0.00	0.00	28.55	

08/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.50	0.00	0.00	32.11	470,340.00 *gal*
Application event totals		0.50	0.00	0.00	32.11	

08/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.56	0.00	0.00	35.68	522,600.00 *gal*
Application event totals		0.56	0.00	0.00	35.68	

08/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.56	0.00	0.00	35.68	522,600.00 *gal*
Application event totals		0.56	0.00	0.00	35.68	

08/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.03	0.00	0.00	4.97	402,240.00 *gal*
Application event totals		0.03	0.00	0.00	4.97	

12 - 06/28/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.03	0.00	0.00	5.59	452,520.00 *gal*
Application event totals		0.03	0.00	0.00	5.59	

08/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.04	0.00	0.00	6.21	502,800.00 *gal*
Application event totals		0.04	0.00	0.00	6.21	

08/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.03	0.00	0.00	5.59	452,520.00 *gal*
Application event totals		0.03	0.00	0.00	5.59	

08/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.07	0.00	0.00	11.80	955,320.00 *gal*
Application event totals		0.07	0.00	0.00	11.80	

08/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.56	0.00	0.00	35.68	522,600.00 *gal*
Application event totals		0.56	0.00	0.00	35.68	

08/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.16	0.00	0.00	49.89	767,200.00 *gal*
Application event totals		1.16	0.00	0.00	49.89	

12 - 06/28/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.16	0.00	0.00	49.89	767,200.00 *gal*
Application event totals		1.16	0.00	0.00	49.89	

08/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.16	0.00	0.00	49.89	767,200.00 *gal*
Application event totals		1.16	0.00	0.00	49.89	

08/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.16	0.00	0.00	49.89	767,200.00 *gal*
Application event totals		1.16	0.00	0.00	49.89	

08/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.07	0.00	0.00	11.80	955,320.00 *gal*
Application event totals		0.07	0.00	0.00	11.80	

08/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.07	0.00	0.00	11.80	955,320.00 *gal*
Application event totals		0.07	0.00	0.00	11.80	

08/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.07	0.00	0.00	11.80	955,320.00 *gal*
Application event totals		0.07	0.00	0.00	11.80	

12 - 06/28/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.16	0.00	0.00	49.89	767,200.00 *gal*
Application event totals		1.16	0.00	0.00	49.89	

08/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.07	0.00	0.00	11.80	955,320.00 *gal*
Application event totals		0.07	0.00	0.00	11.80	

09/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.11	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.11	

09/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.11	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.11	

09/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.11	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.11	

09/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.11	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.11	

12 - 06/28/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.11	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.11	

09/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.11	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.11	

09/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.11	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.11	

09/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.02	0.00	0.00	3.73	301,680.00 *gal*
Application event totals		0.02	0.00	0.00	3.73	

09/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.07	0.00	0.00	11.80	955,320.00 *gal*
Application event totals		0.07	0.00	0.00	11.80	

09/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.07	0.00	0.00	11.80	955,320.00 *gal*
Application event totals		0.07	0.00	0.00	11.80	

12 - 06/28/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.07	0.00	0.00	11.80	955,320.00 *gal*
Application event totals		0.07	0.00	0.00	11.80	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.07	0.00	0.00	11.80	955,320.00 *gal*
Application event totals		0.07	0.00	0.00	11.80	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.07	0.00	0.00	11.80	955,320.00 *gal*
Application event totals		0.07	0.00	0.00	11.80	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.07	0.00	0.00	11.80	955,320.00 *gal*
Application event totals		0.07	0.00	0.00	11.80	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.18	0.00	0.00	16.31	626,880.00 *gal*
Application event totals		0.18	0.00	0.00	16.31	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	10.03	1.40	7.25	45.06	140,280.00 *gal*
Application event totals		10.03	1.40	7.25	45.06	

12 - 06/28/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.15	0.00	0.00	14.28	548,820.00 *gal*
Application event totals		0.15	0.00	0.00	14.28	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.11	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.11	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.07	0.00	0.00	11.80	955,320.00 *gal*
Application event totals		0.07	0.00	0.00	11.80	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.07	0.00	0.00	11.80	955,320.00 *gal*
Application event totals		0.07	0.00	0.00	11.80	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.09	0.00	0.00	8.15	313,440.00 *gal*
Application event totals		0.09	0.00	0.00	8.15	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	5.02	0.70	3.63	22.53	70,140.00 *gal*
Application event totals		5.02	0.70	3.63	22.53	

12 - 06/28/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.18	0.00	0.00	16.31	626,880.00 *gal*
Application event totals		0.18	0.00	0.00	16.31	

09/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	10.03	1.40	7.25	45.06	140,280.00 *gal*
Application event totals		10.03	1.40	7.25	45.06	

09/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.15	0.00	0.00	49.24	757,200.00 *gal*
Application event totals		1.15	0.00	0.00	49.24	

09/18/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.16	0.00	0.00	49.89	767,200.00 *gal*
Application event totals		1.16	0.00	0.00	49.89	

09/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	7.11	0.00	0.00	304.59	4,684,080.00 *gal*
Application event totals		7.11	0.00	0.00	304.59	

09/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	1.07	0.00	0.00	178.91	14,480,640.00 *gal*
Application event totals		1.07	0.00	0.00	178.91	

12 - 06/28/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/18/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.07	0.00	0.00	11.80	955,320.00 *gal*
Application event totals		0.07	0.00	0.00	11.80	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.16	0.00	0.00	49.89	767,200.00 *gal*
Application event totals		1.16	0.00	0.00	49.89	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.16	0.00	0.00	49.89	767,200.00 *gal*
Application event totals		1.16	0.00	0.00	49.89	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.16	0.00	0.00	49.89	767,200.00 *gal*
Application event totals		1.16	0.00	0.00	49.89	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/28/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.16	0.00	0.00	49.89	767,200.00 *gal*
Application event totals		1.16	0.00	0.00	49.89	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/18/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.03	0.00	0.00	4.97	402,240.00 *gal*
Application event totals		0.03	0.00	0.00	4.97	

12 - 06/28/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.16	0.00	0.00	49.89	767,200.00 *gal*
Application event totals		1.16	0.00	0.00	49.89	

10/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.16	0.00	0.00	49.89	767,200.00 *gal*
Application event totals		1.16	0.00	0.00	49.89	

10/18/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.16	0.00	0.00	49.89	767,200.00 *gal*
Application event totals		1.16	0.00	0.00	49.89	

10/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.05	0.00	0.00	67.80	992,940.00 *gal*
Application event totals		1.05	0.00	0.00	67.80	

10/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.05	0.00	0.00	67.80	992,940.00 *gal*
Application event totals		1.05	0.00	0.00	67.80	

10/18/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.05	0.00	0.00	67.80	992,940.00 *gal*
Application event totals		1.05	0.00	0.00	67.80	

12 - 12/09/2023: Winter Forage

12 - 12/09/2023: Winter Forage

Field name: 12

Crop: Winter Forage

Plant date: 12/09/2023

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
12/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.09	0.00	0.00	14.95	1,257,000.00 *gal*
Application event totals		0.09	0.00	0.00	14.95	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
12/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.03	0.00	0.00	5.38	452,520.00 *gal*
Application event totals		0.03	0.00	0.00	5.38	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
12/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.03	0.00	0.00	5.38	452,520.00 *gal*
Application event totals		0.03	0.00	0.00	5.38	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
12/14/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.03	0.00	0.00	5.38	452,520.00 *gal*
Application event totals		0.03	0.00	0.00	5.38	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
12/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.03	0.00	0.00	5.38	452,520.00 *gal*
Application event totals		0.03	0.00	0.00	5.38	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
12/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.03	0.00	0.00	5.38	452,520.00 *gal*
Application event totals		0.03	0.00	0.00	5.38	

12 - 12/09/2023: Winter Forage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
12/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.34	0.00	0.00	85.86	1,306,500.00 *gal*
Application event totals		1.34	0.00	0.00	85.86	

12/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.48	0.00	0.00	30.91	470,340.00 *gal*
Application event totals		0.48	0.00	0.00	30.91	

12/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.48	0.00	0.00	30.91	470,340.00 *gal*
Application event totals		0.48	0.00	0.00	30.91	

12/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.48	0.00	0.00	30.91	470,340.00 *gal*
Application event totals		0.48	0.00	0.00	30.91	

12/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.48	0.00	0.00	30.91	470,340.00 *gal*
Application event totals		0.48	0.00	0.00	30.91	

12/18/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.48	0.00	0.00	30.91	470,340.00 *gal*
Application event totals		0.48	0.00	0.00	30.91	

12 - 12/09/2023: Winter Forage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
12/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.48	0.00	0.00	30.91	470,340.00 *gal*
Application event totals		0.48	0.00	0.00	30.91	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
12/20/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.48	0.00	0.00	30.91	470,340.00 *gal*
Application event totals		0.48	0.00	0.00	30.91	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
12/21/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.48	0.00	0.00	30.91	470,340.00 *gal*
Application event totals		0.48	0.00	0.00	30.91	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
12/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.48	0.00	0.00	30.91	470,340.00 *gal*
Application event totals		0.48	0.00	0.00	30.91	

13 - 11/23/2022: Alfalfa/Wheat Mix Hay

Field name: 13

Crop: Alfalfa/Wheat Mix Hay

Plant date: 11/23/2022

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
04/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.20	0.00	0.00	18.34	705,240.00 *gal*
Application event totals		0.20	0.00	0.00	18.34	

13 - 11/23/2022: Alfalfa/Wheat Mix Hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
04/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	3.21	0.20	1.46	9.88	80,160.00 *gal*
Application event totals		3.21	0.20	1.46	9.88	

04/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.09	0.00	0.00	8.15	313,440.00 *gal*
Application event totals		0.09	0.00	0.00	8.15	

04/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	3.21	0.20	1.46	9.88	80,160.00 *gal*
Application event totals		3.21	0.20	1.46	9.88	

04/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.09	0.00	0.00	8.15	313,440.00 *gal*
Application event totals		0.09	0.00	0.00	8.15	

04/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	3.21	0.20	1.46	9.88	80,160.00 *gal*
Application event totals		3.21	0.20	1.46	9.88	

04/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.09	0.00	0.00	8.15	313,440.00 *gal*
Application event totals		0.09	0.00	0.00	8.15	

13 - 11/23/2022: Alfalfa/Wheat Mix Hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
04/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	3.21	0.20	1.46	9.88	80,160.00 *gal*
Application event totals		3.21	0.20	1.46	9.88	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
04/21/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	0.47	0.00	0.00	42.10	780,000.00 *gal*
Application event totals		0.47	0.00	0.00	42.10	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
04/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11	Ground water	0.34	0.00	0.00	15.71	326,400.00 *gal*
Application event totals		0.34	0.00	0.00	15.71	

13 - 07/13/2023: Sorghum Silage

Field name: 13

Crop: Sorghum Silage

Plant date: 07/13/2023

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/14/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.27	0.00	0.00	18.32	347,220.00 *gal*
Application event totals		0.27	0.00	0.00	18.32	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.27	0.00	0.00	18.32	347,220.00 *gal*
Application event totals		0.27	0.00	0.00	18.32	

13 - 07/13/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.57	0.00	0.00	38.68	733,020.00 *gal*
Application event totals		0.57	0.00	0.00	38.68	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.25	0.00	0.00	23.08	783,600.00 *gal*
Application event totals		0.25	0.00	0.00	23.08	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.72	0.00	0.00	48.86	925,920.00 *gal*
Application event totals		0.72	0.00	0.00	48.86	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/18/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.27	0.00	0.00	18.32	347,220.00 *gal*
Application event totals		0.27	0.00	0.00	18.32	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.27	0.00	0.00	18.32	347,220.00 *gal*
Application event totals		0.27	0.00	0.00	18.32	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/20/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	2.98	0.00	0.00	203.47	3,855,800.00 *gal*
Application event totals		2.98	0.00	0.00	203.47	

13 - 07/13/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/21/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.30	0.00	0.00	20.36	385,800.00 *gal*
Application event totals		0.30	0.00	0.00	20.36	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.27	0.00	0.00	18.32	347,220.00 *gal*
Application event totals		0.27	0.00	0.00	18.32	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.42	0.00	0.00	31.28	801,420.00 *gal*
Application event totals		0.42	0.00	0.00	31.28	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/18/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.20	0.00	0.00	14.81	379,620.00 *gal*
Application event totals		0.20	0.00	0.00	14.81	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/20/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.22	0.00	0.00	16.46	421,800.00 *gal*
Application event totals		0.22	0.00	0.00	16.46	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/21/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.22	0.00	0.00	16.46	421,800.00 *gal*
Application event totals		0.22	0.00	0.00	16.46	

13 - 07/13/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.22	0.00	0.00	16.46	421,800.00 *gal*
Application event totals		0.22	0.00	0.00	16.46	

07/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.20	0.00	0.00	14.81	379,620.00 *gal*
Application event totals		0.20	0.00	0.00	14.81	

07/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.45	0.00	0.00	20.89	333,720.00 *gal*
Application event totals		0.45	0.00	0.00	20.89	

07/18/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.45	0.00	0.00	20.89	333,720.00 *gal*
Application event totals		0.45	0.00	0.00	20.89	

07/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.45	0.00	0.00	20.89	333,720.00 *gal*
Application event totals		0.45	0.00	0.00	20.89	

07/20/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.45	0.00	0.00	20.89	333,720.00 *gal*
Application event totals		0.45	0.00	0.00	20.89	

13 - 07/13/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.13	0.00	0.00	11.54	391,800.00 *gal*
Application event totals		0.13	0.00	0.00	11.54	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/18/2023	Subsurface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.10	0.00	0.00	9.23	313,440.00 *gal*
Application event totals		0.10	0.00	0.00	9.23	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/20/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.10	0.00	0.00	9.23	313,440.00 *gal*
Application event totals		0.10	0.00	0.00	9.23	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/21/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.10	0.00	0.00	9.23	313,440.00 *gal*
Application event totals		0.10	0.00	0.00	9.23	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.10	0.00	0.00	9.23	313,440.00 *gal*
Application event totals		0.10	0.00	0.00	9.23	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.27	0.00	0.00	18.32	347,220.00 *gal*
Application event totals		0.27	0.00	0.00	18.32	

13 - 07/13/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.20	0.00	0.00	14.81	379,620.00 *gal*
Application event totals		0.20	0.00	0.00	14.81	

08/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	3.43	0.00	0.00	305.09	4,992,000.00 *gal*
Application event totals		3.43	0.00	0.00	305.09	

08/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	2.87	0.00	0.00	212.34	5,441,220.00 *gal*
Application event totals		2.87	0.00	0.00	212.34	

08/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.42	0.00	0.00	31.28	801,420.00 *gal*
Application event totals		0.42	0.00	0.00	31.28	

08/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.42	0.00	0.00	31.28	801,420.00 *gal*
Application event totals		0.42	0.00	0.00	31.28	

08/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.42	0.00	0.00	31.28	801,420.00 *gal*
Application event totals		0.42	0.00	0.00	31.28	

13 - 07/13/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.42	0.00	0.00	31.28	801,420.00 *gal*
Application event totals		0.42	0.00	0.00	31.28	

08/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.19	0.00	0.00	76.77	992,940.00 *gal*
Application event totals		1.19	0.00	0.00	76.77	

08/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.19	0.00	0.00	76.77	992,940.00 *gal*
Application event totals		1.19	0.00	0.00	76.77	

08/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.19	0.00	0.00	76.77	992,940.00 *gal*
Application event totals		1.19	0.00	0.00	76.77	

08/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.19	0.00	0.00	76.77	992,940.00 *gal*
Application event totals		1.19	0.00	0.00	76.77	

08/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.19	0.00	0.00	76.77	992,940.00 *gal*
Application event totals		1.19	0.00	0.00	76.77	

13 - 07/13/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.13	0.00	0.00	11.54	391,800.00 *gal*
Application event totals		0.13	0.00	0.00	11.54	

08/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.13	0.00	0.00	11.54	391,800.00 *gal*
Application event totals		0.13	0.00	0.00	11.54	

08/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.38	0.00	0.00	34.77	1,180,400.00 *gal*
Application event totals		0.38	0.00	0.00	34.77	

08/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.13	0.00	0.00	11.54	391,800.00 *gal*
Application event totals		0.13	0.00	0.00	11.54	

08/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.42	0.00	0.00	31.28	801,420.00 *gal*
Application event totals		0.42	0.00	0.00	31.28	

08/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.63	0.00	0.00	40.40	522,600.00 *gal*
Application event totals		0.63	0.00	0.00	40.40	

13 - 07/13/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.13	0.00	0.00	11.54	391,800.00 *gal*
Application event totals		0.13	0.00	0.00	11.54	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.42	0.00	0.00	31.28	801,420.00 *gal*
Application event totals		0.42	0.00	0.00	31.28	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.42	0.00	0.00	31.28	801,420.00 *gal*
Application event totals		0.42	0.00	0.00	31.28	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.42	0.00	0.00	31.28	801,420.00 *gal*
Application event totals		0.42	0.00	0.00	31.28	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.42	0.00	0.00	31.28	801,420.00 *gal*
Application event totals		0.42	0.00	0.00	31.28	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.42	0.00	0.00	31.28	801,420.00 *gal*
Application event totals		0.42	0.00	0.00	31.28	

13 - 07/13/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.42	0.00	0.00	31.28	801,420.00 *gal*
Application event totals		0.42	0.00	0.00	31.28	

09/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.19	0.00	0.00	73.11	992,940.00 *gal*
Application event totals		1.19	0.00	0.00	73.11	

09/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.19	0.00	0.00	73.11	992,940.00 *gal*
Application event totals		1.19	0.00	0.00	73.11	

09/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.19	0.00	0.00	73.11	992,940.00 *gal*
Application event totals		1.19	0.00	0.00	73.11	

09/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.19	0.00	0.00	73.11	992,940.00 *gal*
Application event totals		1.19	0.00	0.00	73.11	

09/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.19	0.00	0.00	73.11	992,940.00 *gal*
Application event totals		1.19	0.00	0.00	73.11	

13 - 07/13/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.19	0.00	0.00	76.77	992,940.00 *gal*
Application event totals		1.19	0.00	0.00	76.77	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.19	0.00	0.00	76.77	992,940.00 *gal*
Application event totals		1.19	0.00	0.00	76.77	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.19	0.00	0.00	76.77	992,940.00 *gal*
Application event totals		1.19	0.00	0.00	76.77	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.42	0.00	0.00	31.28	801,420.00 *gal*
Application event totals		0.42	0.00	0.00	31.28	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.42	0.00	0.00	31.28	801,420.00 *gal*
Application event totals		0.42	0.00	0.00	31.28	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.42	0.00	0.00	31.28	801,420.00 *gal*
Application event totals		0.42	0.00	0.00	31.28	

13 - 07/13/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.42	0.00	0.00	31.28	801,420.00 *gal*
Application event totals		0.42	0.00	0.00	31.28	

09/14/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.42	0.00	0.00	31.28	801,420.00 *gal*
Application event totals		0.42	0.00	0.00	31.28	

09/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.42	0.00	0.00	31.28	801,420.00 *gal*
Application event totals		0.42	0.00	0.00	31.28	

09/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.42	0.00	0.00	31.28	801,420.00 *gal*
Application event totals		0.42	0.00	0.00	31.28	

09/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.19	0.00	0.00	76.77	992,940.00 *gal*
Application event totals		1.19	0.00	0.00	76.77	

09/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.19	0.00	0.00	76.77	992,940.00 *gal*
Application event totals		1.19	0.00	0.00	76.77	

13 - 07/13/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.19	0.00	0.00	76.77	992,940.00 *gal*
Application event totals		1.19	0.00	0.00	76.77	

09/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.19	0.00	0.00	76.77	992,940.00 *gal*
Application event totals		1.19	0.00	0.00	76.77	

09/14/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.19	0.00	0.00	76.77	992,940.00 *gal*
Application event totals		1.19	0.00	0.00	76.77	

09/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.19	0.00	0.00	76.77	992,940.00 *gal*
Application event totals		1.19	0.00	0.00	76.77	

09/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.19	0.00	0.00	76.77	992,940.00 *gal*
Application event totals		1.19	0.00	0.00	76.77	

09/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.19	0.00	0.00	76.77	992,940.00 *gal*
Application event totals		1.19	0.00	0.00	76.77	

13 - 07/13/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.42	0.00	0.00	31.28	801,420.00 *gal*
Application event totals		0.42	0.00	0.00	31.28	

09/18/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.42	0.00	0.00	31.28	801,420.00 *gal*
Application event totals		0.42	0.00	0.00	31.28	

09/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.42	0.00	0.00	31.28	801,420.00 *gal*
Application event totals		0.42	0.00	0.00	31.28	

09/20/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.42	0.00	0.00	31.28	801,420.00 *gal*
Application event totals		0.42	0.00	0.00	31.28	

09/21/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.42	0.00	0.00	31.28	801,420.00 *gal*
Application event totals		0.42	0.00	0.00	31.28	

09/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.19	0.00	0.00	76.77	992,940.00 *gal*
Application event totals		1.19	0.00	0.00	76.77	

13 - 07/13/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/18/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.19	0.00	0.00	76.77	992,940.00 *gal*
Application event totals		1.19	0.00	0.00	76.77	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.19	0.00	0.00	76.77	992,940.00 *gal*
Application event totals		1.19	0.00	0.00	76.77	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/20/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.19	0.00	0.00	76.77	992,940.00 *gal*
Application event totals		1.19	0.00	0.00	76.77	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/20/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	17.04	2.37	12.32	76.54	210,420.00 *gal*
Application event totals		17.04	2.37	12.32	76.54	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.19	0.00	0.00	76.77	992,940.00 *gal*
Application event totals		1.19	0.00	0.00	76.77	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.19	0.00	0.00	76.77	992,940.00 *gal*
Application event totals		1.19	0.00	0.00	76.77	

13 - 07/13/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.25	0.00	0.00	23.08	783,600.00 *gal*
Application event totals		0.25	0.00	0.00	23.08	

10/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.25	0.00	0.00	23.08	783,600.00 *gal*
Application event totals		0.25	0.00	0.00	23.08	

10/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	4.40	0.00	0.00	390.89	6,396,000.00 *gal*
Application event totals		4.40	0.00	0.00	390.89	

10/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.42	0.00	0.00	31.28	801,420.00 *gal*
Application event totals		0.42	0.00	0.00	31.28	

10/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.42	0.00	0.00	31.28	801,420.00 *gal*
Application event totals		0.42	0.00	0.00	31.28	

10/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.42	0.00	0.00	31.28	801,420.00 *gal*
Application event totals		0.42	0.00	0.00	31.28	

13 - 07/13/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.42	0.00	0.00	31.28	801,420.00 *gal*
Application event totals		0.42	0.00	0.00	31.28	

10/14/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.42	0.00	0.00	31.28	801,420.00 *gal*
Application event totals		0.42	0.00	0.00	31.28	

10/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.19	0.00	0.00	76.77	992,940.00 *gal*
Application event totals		1.19	0.00	0.00	76.77	

10/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.19	0.00	0.00	76.77	992,940.00 *gal*
Application event totals		1.19	0.00	0.00	76.77	

10/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.19	0.00	0.00	76.77	992,940.00 *gal*
Application event totals		1.19	0.00	0.00	76.77	

10/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.19	0.00	0.00	76.77	992,940.00 *gal*
Application event totals		1.19	0.00	0.00	76.77	

13 - 07/13/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.19	0.00	0.00	76.77	992,940.00 *gal*
Application event totals		1.19	0.00	0.00	76.77	

10/14/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.19	0.00	0.00	76.77	992,940.00 *gal*
Application event totals		1.19	0.00	0.00	76.77	

10/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.42	0.00	0.00	31.28	801,420.00 *gal*
Application event totals		0.42	0.00	0.00	31.28	

10/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.42	0.00	0.00	31.28	801,420.00 *gal*
Application event totals		0.42	0.00	0.00	31.28	

10/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.42	0.00	0.00	31.28	801,420.00 *gal*
Application event totals		0.42	0.00	0.00	31.28	

10/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.19	0.00	0.00	76.77	992,940.00 *gal*
Application event totals		1.19	0.00	0.00	76.77	

14 - 11/15/2022: Alfalfa, hay

14 - 11/15/2022: Alfalfa, hay

Field name: 14

Crop: Alfalfa, hay

Plant date: 11/15/2022

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
04/21/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.03	0.00	0.00	5.17	402,240.00 *gal*
Application event totals		0.03	0.00	0.00	5.17	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
04/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.52	0.00	0.00	33.42	470,340.00 *gal*
Application event totals		0.52	0.00	0.00	33.42	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
04/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	11.15	0.00	0.00	716.58	10,086,180.00 *gal*
Application event totals		11.15	0.00	0.00	716.58	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
04/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.54	0.00	0.00	89.85	6,988,920.00 *gal*
Application event totals		0.54	0.00	0.00	89.85	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.43	0.00	0.00	31.76	885,780.00 *gal*
Application event totals		0.43	0.00	0.00	31.76	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.43	0.00	0.00	31.76	885,780.00 *gal*
Application event totals		0.43	0.00	0.00	31.76	

14 - 11/15/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.21	0.00	0.00	77.97	1,097,460.00 *gal*
Application event totals		1.21	0.00	0.00	77.97	

05/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.16	0.00	0.00	74.26	1,045,200.00 *gal*
Application event totals		1.16	0.00	0.00	74.26	

05/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.43	0.00	0.00	31.76	885,780.00 *gal*
Application event totals		0.43	0.00	0.00	31.76	

05/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.28	0.00	0.00	54.64	807,600.00 *gal*
Application event totals		1.28	0.00	0.00	54.64	

05/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.28	0.00	0.00	54.64	807,600.00 *gal*
Application event totals		1.28	0.00	0.00	54.64	

05/31/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.28	0.00	0.00	54.64	807,600.00 *gal*
Application event totals		1.28	0.00	0.00	54.64	

14 - 11/15/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.52	0.00	0.00	33.42	470,340.00 *gal*
Application event totals		0.52	0.00	0.00	33.42	

05/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.21	0.00	0.00	77.97	1,097,460.00 *gal*
Application event totals		1.21	0.00	0.00	77.97	

05/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.21	0.00	0.00	77.97	1,097,460.00 *gal*
Application event totals		1.21	0.00	0.00	77.97	

05/31/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.21	0.00	0.00	77.97	1,097,460.00 *gal*
Application event totals		1.21	0.00	0.00	77.97	

06/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.21	0.00	0.00	77.97	1,097,460.00 *gal*
Application event totals		1.21	0.00	0.00	77.97	

06/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.21	0.00	0.00	77.97	1,097,460.00 *gal*
Application event totals		1.21	0.00	0.00	77.97	

14 - 11/15/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.10	0.00	0.00	70.54	992,940.00 *gal*
Application event totals		1.10	0.00	0.00	70.54	

06/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.10	0.00	0.00	70.54	992,940.00 *gal*
Application event totals		1.10	0.00	0.00	70.54	

06/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11	Ground water	0.84	0.00	0.00	38.81	775,200.00 *gal*
Application event totals		0.84	0.00	0.00	38.81	

06/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11	Ground water	0.84	0.00	0.00	38.81	775,200.00 *gal*
Application event totals		0.84	0.00	0.00	38.81	

06/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.10	0.00	0.00	70.54	992,940.00 *gal*
Application event totals		1.10	0.00	0.00	70.54	

06/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11	Ground water	0.84	0.00	0.00	38.81	775,200.00 *gal*
Application event totals		0.84	0.00	0.00	38.81	

14 - 11/15/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11	Ground water	0.84	0.00	0.00	38.81	775,200.00 *gal*
Application event totals		0.84	0.00	0.00	38.81	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.39	0.00	0.00	89.11	1,254,240.00 *gal*
Application event totals		1.39	0.00	0.00	89.11	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.10	0.00	0.00	70.54	992,940.00 *gal*
Application event totals		1.10	0.00	0.00	70.54	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/28/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.10	0.00	0.00	70.54	992,940.00 *gal*
Application event totals		1.10	0.00	0.00	70.54	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.10	0.00	0.00	70.54	992,940.00 *gal*
Application event totals		1.10	0.00	0.00	70.54	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.10	0.00	0.00	70.54	992,940.00 *gal*
Application event totals		1.10	0.00	0.00	70.54	

14 - 11/15/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.10	0.00	0.00	70.54	992,940.00 *gal*
Application event totals		1.10	0.00	0.00	70.54	

07/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.39	0.00	0.00	28.74	801,420.00 *gal*
Application event totals		0.39	0.00	0.00	28.74	

07/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.39	0.00	0.00	28.74	801,420.00 *gal*
Application event totals		0.39	0.00	0.00	28.74	

07/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.39	0.00	0.00	28.74	801,420.00 *gal*
Application event totals		0.39	0.00	0.00	28.74	

07/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.39	0.00	0.00	28.74	801,420.00 *gal*
Application event totals		0.39	0.00	0.00	28.74	

07/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.10	0.00	0.00	70.54	992,940.00 *gal*
Application event totals		1.10	0.00	0.00	70.54	

14 - 11/15/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.33	0.00	0.00	85.39	1,201,980.00 *gal*
Application event totals		1.33	0.00	0.00	85.39	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.10	0.00	0.00	70.54	992,940.00 *gal*
Application event totals		1.10	0.00	0.00	70.54	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.33	0.00	0.00	85.39	1,201,980.00 *gal*
Application event totals		1.33	0.00	0.00	85.39	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.10	0.00	0.00	70.54	992,940.00 *gal*
Application event totals		1.10	0.00	0.00	70.54	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.39	0.00	0.00	28.74	801,420.00 *gal*
Application event totals		0.39	0.00	0.00	28.74	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/28/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.39	0.00	0.00	28.74	801,420.00 *gal*
Application event totals		0.39	0.00	0.00	28.74	

14 - 11/15/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.39	0.00	0.00	28.74	801,420.00 *gal*
Application event totals		0.39	0.00	0.00	28.74	

07/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.70	0.00	0.00	30.05	444,180.00 *gal*
Application event totals		0.70	0.00	0.00	30.05	

07/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.10	0.00	0.00	70.54	992,940.00 *gal*
Application event totals		1.10	0.00	0.00	70.54	

07/28/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.10	0.00	0.00	70.54	992,940.00 *gal*
Application event totals		1.10	0.00	0.00	70.54	

07/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.10	0.00	0.00	70.54	992,940.00 *gal*
Application event totals		1.10	0.00	0.00	70.54	

07/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.04	0.00	0.00	7.11	553,080.00 *gal*
Application event totals		0.04	0.00	0.00	7.11	

14 - 11/15/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.70	0.00	0.00	30.05	444,180.00 *gal*
Application event totals		0.70	0.00	0.00	30.05	

08/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.96	0.00	0.00	40.98	605,700.00 *gal*
Application event totals		0.96	0.00	0.00	40.98	

08/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.96	0.00	0.00	40.98	605,700.00 *gal*
Application event totals		0.96	0.00	0.00	40.98	

07/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.70	0.00	0.00	30.05	444,180.00 *gal*
Application event totals		0.70	0.00	0.00	30.05	

08/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.96	0.00	0.00	40.98	605,700.00 *gal*
Application event totals		0.96	0.00	0.00	40.98	

07/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.10	0.00	0.00	70.54	992,940.00 *gal*
Application event totals		1.10	0.00	0.00	70.54	

14 - 11/15/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/31/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.10	0.00	0.00	70.54	992,940.00 *gal*
Application event totals		1.10	0.00	0.00	70.54	

08/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	5.49	0.00	0.00	352.72	4,964,700.00 *gal*
Application event totals		5.49	0.00	0.00	352.72	

08/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.06	0.00	0.00	9.70	754,200.00 *gal*
Application event totals		0.06	0.00	0.00	9.70	

07/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.05	0.00	0.00	7.76	603,360.00 *gal*
Application event totals		0.05	0.00	0.00	7.76	

07/31/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.04	0.00	0.00	7.11	553,080.00 *gal*
Application event totals		0.04	0.00	0.00	7.11	

08/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.04	0.00	0.00	7.11	553,080.00 *gal*
Application event totals		0.04	0.00	0.00	7.11	

14 - 11/15/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.04	0.00	0.00	7.11	553,080.00 *gal*
Application event totals		0.04	0.00	0.00	7.11	

08/28/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.39	0.00	0.00	28.74	801,420.00 *gal*
Application event totals		0.39	0.00	0.00	28.74	

08/28/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.22	0.00	0.00	15.93	444,180.00 *gal*
Application event totals		0.22	0.00	0.00	15.93	

08/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.39	0.00	0.00	28.74	801,420.00 *gal*
Application event totals		0.39	0.00	0.00	28.74	

08/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.39	0.00	0.00	28.74	801,420.00 *gal*
Application event totals		0.39	0.00	0.00	28.74	

08/28/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.21	0.00	0.00	51.91	767,200.00 *gal*
Application event totals		1.21	0.00	0.00	51.91	

14 - 11/15/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.21	0.00	0.00	51.91	767,200.00 *gal*
Application event totals		1.21	0.00	0.00	51.91	

08/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.21	0.00	0.00	51.91	767,200.00 *gal*
Application event totals		1.21	0.00	0.00	51.91	

08/28/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	4.99	0.00	0.00	213.74	3,159,000.00 *gal*
Application event totals		4.99	0.00	0.00	213.74	

08/28/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	1.06	0.00	0.00	67.87	955,320.00 *gal*
Application event totals		1.06	0.00	0.00	67.87	

08/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.07	0.00	0.00	12.28	955,320.00 *gal*
Application event totals		0.07	0.00	0.00	12.28	

08/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.07	0.00	0.00	12.28	955,320.00 *gal*
Application event totals		0.07	0.00	0.00	12.28	

14 - 11/15/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/31/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.07	0.00	0.00	12.28	955,320.00 *gal*
Application event totals		0.07	0.00	0.00	12.28	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.05	0.00	0.00	7.76	603,360.00 *gal*
Application event totals		0.05	0.00	0.00	7.76	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/21/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.39	0.00	0.00	28.74	801,420.00 *gal*
Application event totals		0.39	0.00	0.00	28.74	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.39	0.00	0.00	28.74	801,420.00 *gal*
Application event totals		0.39	0.00	0.00	28.74	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.39	0.00	0.00	28.74	801,420.00 *gal*
Application event totals		0.39	0.00	0.00	28.74	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/21/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.10	0.00	0.00	70.54	992,940.00 *gal*
Application event totals		1.10	0.00	0.00	70.54	

14 - 11/15/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.10	0.00	0.00	70.54	992,940.00 *gal*
Application event totals		1.10	0.00	0.00	70.54	

09/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.10	0.00	0.00	70.54	992,940.00 *gal*
Application event totals		1.10	0.00	0.00	70.54	

09/21/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.34	0.00	0.00	31.81	1,175,400.00 *gal*
Application event totals		0.34	0.00	0.00	31.81	

09/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.39	0.00	0.00	28.74	801,420.00 *gal*
Application event totals		0.39	0.00	0.00	28.74	

09/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.39	0.00	0.00	28.74	801,420.00 *gal*
Application event totals		0.39	0.00	0.00	28.74	

09/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.39	0.00	0.00	28.74	801,420.00 *gal*
Application event totals		0.39	0.00	0.00	28.74	

14 - 11/15/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.39	0.00	0.00	28.74	801,420.00 *gal*
Application event totals		0.39	0.00	0.00	28.74	

09/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	2.34	0.00	0.00	208.07	3,705,000.00 *gal*
Application event totals		2.34	0.00	0.00	208.07	

09/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.10	0.00	0.00	70.54	992,940.00 *gal*
Application event totals		1.10	0.00	0.00	70.54	

09/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.10	0.00	0.00	70.54	992,940.00 *gal*
Application event totals		1.10	0.00	0.00	70.54	

09/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.10	0.00	0.00	70.54	992,940.00 *gal*
Application event totals		1.10	0.00	0.00	70.54	

09/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.46	0.00	0.00	42.42	1,567,200.00 *gal*
Application event totals		0.46	0.00	0.00	42.42	

14 - 11/15/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
11/06/2023	Surface (irrigation)	Light rain	Light rain	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.08	0.00	0.00	7.42	274,260.00 *gal*
Application event totals		0.08	0.00	0.00	7.42	

11/06/2023	Surface (irrigation)	Light rain	Light rain	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	6.88	0.76	4.79	27.89	70,140.00 *gal*
Application event totals		6.88	0.76	4.79	27.89	

11/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.08	0.00	0.00	7.42	274,260.00 *gal*
Application event totals		0.08	0.00	0.00	7.42	

11/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	6.88	0.76	4.79	27.89	70,140.00 *gal*
Application event totals		6.88	0.76	4.79	27.89	

11/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.08	0.00	0.00	7.42	274,260.00 *gal*
Application event totals		0.08	0.00	0.00	7.42	

11/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	6.88	0.76	4.79	27.89	70,140.00 *gal*
Application event totals		6.88	0.76	4.79	27.89	

15 - 10/18/2018: Alfalfa, hay

15 - 10/18/2018: Alfalfa, hay

Field name: 15

Crop: Alfalfa, hay

Plant date: 10/18/2018

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
02/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.15	0.00	0.00	13.85	470,160.00 *gal*
Application event totals		0.15	0.00	0.00	13.85	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
02/20/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.10	0.00	0.00	9.23	313,440.00 *gal*
Application event totals		0.10	0.00	0.00	9.23	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
02/20/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	3.63	0.22	1.65	11.18	80,160.00 *gal*
Application event totals		3.63	0.22	1.65	11.18	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
02/23/2023	Surface (irrigation)	No precipitation	Light rain	Steady rain

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.30	0.00	0.00	27.70	940,320.00 *gal*
Application event totals		0.30	0.00	0.00	27.70	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
02/23/2023	Surface (irrigation)	No precipitation	Light rain	Steady rain

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	2.72	0.17	1.24	8.39	60,120.00 *gal*
Application event totals		2.72	0.17	1.24	8.39	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
02/28/2023	Surface (irrigation)	Light rain	Light rain	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.30	0.00	0.00	27.70	940,320.00 *gal*
Application event totals		0.30	0.00	0.00	27.70	

15 - 10/18/2018: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
02/28/2023	Surface (irrigation)	Light rain	Light rain	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	2.72	0.17	1.24	8.39	60,120.00 *gal*
Application event totals		2.72	0.17	1.24	8.39	

05/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.47	0.00	0.00	34.57	885,780.00 *gal*
Application event totals		0.47	0.00	0.00	34.57	

05/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	1.00	0.00	0.00	73.59	1,885,780.00 *gal*
Application event totals		1.00	0.00	0.00	73.59	

05/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.32	0.00	0.00	84.85	1,097,460.00 *gal*
Application event totals		1.32	0.00	0.00	84.85	

05/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.32	0.00	0.00	84.85	1,097,460.00 *gal*
Application event totals		1.32	0.00	0.00	84.85	

05/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.52	0.00	0.00	65.22	885,780.00 *gal*
Application event totals		1.52	0.00	0.00	65.22	

15 - 10/18/2018: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.52	0.00	0.00	65.22	885,780.00 *gal*
Application event totals		1.52	0.00	0.00	65.22	

06/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.39	0.00	0.00	59.47	807,600.00 *gal*
Application event totals		1.39	0.00	0.00	59.47	

06/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.60	0.00	0.00	68.39	928,740.00 *gal*
Application event totals		1.60	0.00	0.00	68.39	

06/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.06	0.00	0.00	9.83	702,800.00 *gal*
Application event totals		0.06	0.00	0.00	9.83	

06/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.09	0.00	0.00	14.77	1,055,880.00 *gal*
Application event totals		0.09	0.00	0.00	14.77	

06/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.08	0.00	0.00	13.37	955,320.00 *gal*
Application event totals		0.08	0.00	0.00	13.37	

15 - 10/18/2018: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.42	0.00	0.00	22.37	446,820.00 *gal*
Application event totals		0.42	0.00	0.00	22.37	

06/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.80	0.00	0.00	42.71	853,020.00 *gal*
Application event totals		0.80	0.00	0.00	42.71	

06/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.80	0.00	0.00	42.71	853,020.00 *gal*
Application event totals		0.80	0.00	0.00	42.71	

06/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.46	0.00	0.00	62.44	847,980.00 *gal*
Application event totals		1.46	0.00	0.00	62.44	

06/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	1.46	0.00	0.00	62.44	847,980.00 *gal*
Application event totals		1.46	0.00	0.00	62.44	

06/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.46	0.00	0.00	62.44	847,980.00 *gal*
Application event totals		1.46	0.00	0.00	62.44	

15 - 10/18/2018: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.63	0.00	0.00	40.40	522,600.00 *gal*
Application event totals		0.63	0.00	0.00	40.40	

06/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.32	0.00	0.00	84.85	1,097,460.00 *gal*
Application event totals		1.32	0.00	0.00	84.85	

06/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.32	0.00	0.00	84.85	1,097,460.00 *gal*
Application event totals		1.32	0.00	0.00	84.85	

06/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.32	0.00	0.00	84.85	1,097,460.00 *gal*
Application event totals		1.32	0.00	0.00	84.85	

06/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.32	0.00	0.00	84.85	1,097,460.00 *gal*
Application event totals		1.32	0.00	0.00	84.85	

06/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.32	0.00	0.00	84.85	1,097,460.00 *gal*
Application event totals		1.32	0.00	0.00	84.85	

15 - 10/18/2018: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.87	0.00	0.00	120.07	1,553,080.00 *gal*
Application event totals		1.87	0.00	0.00	120.07	

06/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.27	0.00	0.00	81.63	1,055,880.00 *gal*
Application event totals		1.27	0.00	0.00	81.63	

06/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.27	0.00	0.00	81.63	1,055,880.00 *gal*
Application event totals		1.27	0.00	0.00	81.63	

06/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.79	0.00	0.00	50.54	653,640.00 *gal*
Application event totals		0.79	0.00	0.00	50.54	

06/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.46	0.00	0.00	62.44	847,980.00 *gal*
Application event totals		1.46	0.00	0.00	62.44	

06/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.46	0.00	0.00	62.44	847,980.00 *gal*
Application event totals		1.46	0.00	0.00	62.44	

15 - 10/18/2018: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.46	0.00	0.00	62.44	847,980.00 *gal*
Application event totals		1.46	0.00	0.00	62.44	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/28/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	6.92	587,400.00 *gal*
Application event totals		0.00	0.00	0.00	6.92	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.46	0.00	0.00	62.44	847,980.00 *gal*
Application event totals		1.46	0.00	0.00	62.44	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	6.92	587,400.00 *gal*
Application event totals		0.00	0.00	0.00	6.92	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.46	0.00	0.00	62.44	847,980.00 *gal*
Application event totals		1.46	0.00	0.00	62.44	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/28/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	9.99	847,980.00 *gal*
Application event totals		0.00	0.00	0.00	9.99	

15 - 10/18/2018: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.93	0.00	0.00	82.57	1,121,400.00 *gal*
Application event totals		1.93	0.00	0.00	82.57	

06/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.46	0.00	0.00	62.44	847,980.00 *gal*
Application event totals		1.46	0.00	0.00	62.44	

07/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	6.92	587,400.00 *gal*
Application event totals		0.00	0.00	0.00	6.92	

06/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.27	0.00	0.00	81.63	1,055,880.00 *gal*
Application event totals		1.27	0.00	0.00	81.63	

06/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.27	0.00	0.00	81.63	1,055,880.00 *gal*
Application event totals		1.27	0.00	0.00	81.63	

06/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.27	0.00	0.00	81.63	1,055,880.00 *gal*
Application event totals		1.27	0.00	0.00	81.63	

15 - 10/18/2018: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.69	0.00	0.00	29.73	403,800.00 *gal*
Application event totals		0.69	0.00	0.00	29.73	

07/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	6.92	587,400.00 *gal*
Application event totals		0.00	0.00	0.00	6.92	

07/21/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.69	0.00	0.00	29.73	403,800.00 *gal*
Application event totals		0.69	0.00	0.00	29.73	

07/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.32	0.00	0.00	56.49	767,220.00 *gal*
Application event totals		1.32	0.00	0.00	56.49	

07/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.04	0.00	0.00	7.03	502,800.00 *gal*
Application event totals		0.04	0.00	0.00	7.03	

07/20/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.05	0.00	0.00	8.44	603,360.00 *gal*
Application event totals		0.05	0.00	0.00	8.44	

15 - 10/18/2018: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/21/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.04	0.00	0.00	7.03	502,360.00 *gal*
Application event totals		0.04	0.00	0.00	7.03	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.08	0.00	0.00	14.07	1,005,600.00 *gal*
Application event totals		0.08	0.00	0.00	14.07	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.32	0.00	0.00	56.49	767,220.00 *gal*
Application event totals		1.32	0.00	0.00	56.49	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.76	0.00	0.00	32.71	444,180.00 *gal*
Application event totals		0.76	0.00	0.00	32.71	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.76	0.00	0.00	32.71	444,180.00 *gal*
Application event totals		0.76	0.00	0.00	32.71	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.76	0.00	0.00	32.71	444,180.00 *gal*
Application event totals		0.76	0.00	0.00	32.71	

15 - 10/18/2018: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.76	0.00	0.00	32.71	444,180.00 *gal*
Application event totals		0.76	0.00	0.00	32.71	

07/28/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.76	0.00	0.00	32.71	444,180.00 *gal*
Application event totals		0.76	0.00	0.00	32.71	

07/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.08	0.00	0.00	12.66	905,040.00 *gal*
Application event totals		0.08	0.00	0.00	12.66	

07/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.06	0.00	0.00	9.85	703,920.00 *gal*
Application event totals		0.06	0.00	0.00	9.85	

07/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.06	0.00	0.00	10.26	733,080.00 *gal*
Application event totals		0.06	0.00	0.00	10.26	

07/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.06	0.00	0.00	10.26	733,080.00 *gal*
Application event totals		0.06	0.00	0.00	10.26	

15 - 10/18/2018: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.04	0.00	0.00	7.46	533,080.00 *gal*
Application event totals		0.04	0.00	0.00	7.46	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/28/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.04	0.00	0.00	7.46	533,080.00 *gal*
Application event totals		0.04	0.00	0.00	7.46	

15 - 11/17/2023: Alfalfa/Winter Forage Mix

Field name: 15

Crop: Alfalfa/Winter Forage Mix

Plant date: 11/17/2023

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/28/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.36	0.00	0.00	33.47	1,136,220.00 *gal*
Application event totals		0.36	0.00	0.00	33.47	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/28/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	21.10	2.94	15.25	94.76	260,520.00 *gal*
Application event totals		21.10	2.94	15.25	94.76	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.18	0.00	0.00	16.16	548,520.00 *gal*
Application event totals		0.18	0.00	0.00	16.16	

15 - 11/17/2023: Alfalfa/Winter Forage Mix

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	11.36	1.58	8.21	51.03	140,280.00 *gal*
Application event totals		11.36	1.58	8.21	51.03	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
11/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	2.95	0.00	0.00	189.90	2,456,220.00 *gal*
Application event totals		2.95	0.00	0.00	189.90	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
11/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.50	0.00	0.00	83.71	5,983,320.00 *gal*
Application event totals		0.50	0.00	0.00	83.71	

16 - 11/03/2022: Wheat Hay

Field name: 16

Crop: Wheat Hay

Plant date: 11/03/2022

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
01/13/2023	Surface (irrigation)	No precipitation	No precipitation	Light rain

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.09	0.00	0.00	8.26	313,440.00 *gal*
Application event totals		0.09	0.00	0.00	8.26	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
01/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	3.25	0.20	1.48	10.01	80,160.00 *gal*
Application event totals		3.25	0.20	1.48	10.01	

16 - 11/03/2022: Wheat Hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
01/16/2023	Surface (irrigation)	Light rain	No precipitation	Light rain

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.09	0.00	0.00	8.26	313,440.00 *gal*
Application event totals		0.09	0.00	0.00	8.26	

01/16/2023	Surface (irrigation)	Light rain	No precipitation	Light rain

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	3.25	0.20	1.48	10.01	80,160.00 *gal*
Application event totals		3.25	0.20	1.48	10.01	

01/20/2023	Surface (irrigation)	No precipitation	Light rain	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.09	0.00	0.00	8.26	313,440.00 *gal*
Application event totals		0.09	0.00	0.00	8.26	

01/20/2023	Surface (irrigation)	No precipitation	Light rain	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	3.25	0.20	1.48	10.01	80,160.00 *gal*
Application event totals		3.25	0.20	1.48	10.01	

01/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.09	0.00	0.00	8.26	313,440.00 *gal*
Application event totals		0.09	0.00	0.00	8.26	

01/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	3.25	0.20	1.48	10.01	80,160.00 *gal*
Application event totals		3.25	0.20	1.48	10.01	

16 - 11/03/2022: Wheat Hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	5.07	480,600.00 *gal*
Application event totals		0.00	0.00	0.00	5.07	

05/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	10.69	1,014,600.00 *gal*
Application event totals		0.00	0.00	0.00	10.69	

05/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.82	1,121,400.00 *gal*
Application event totals		0.00	0.00	0.00	11.82	

05/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.51	0.00	0.00	32.54	470,340.00 *gal*
Application event totals		0.51	0.00	0.00	32.54	

05/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.51	0.00	0.00	32.54	470,340.00 *gal*
Application event totals		0.51	0.00	0.00	32.54	

05/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.12	0.00	0.00	72.30	1,045,200.00 *gal*
Application event totals		1.12	0.00	0.00	72.30	

16 - 11/03/2022: Wheat Hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.12	0.00	0.00	72.30	1,045,200.00 *gal*
Application event totals		1.12	0.00	0.00	72.30	

05/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.01	0.00	0.00	65.07	940,680.00 *gal*
Application event totals		1.01	0.00	0.00	65.07	

05/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	5.63	534,000.00 *gal*
Application event totals		0.00	0.00	0.00	5.63	

05/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	8.44	801,000.00 *gal*
Application event totals		0.00	0.00	0.00	8.44	

05/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	8.44	801,000.00 *gal*
Application event totals		0.00	0.00	0.00	8.44	

05/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	8.44	801,000.00 *gal*
Application event totals		0.00	0.00	0.00	8.44	

16 - 11/03/2022: Wheat Hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	8.44	801,000.00 *gal*
Application event totals		0.00	0.00	0.00	8.44	

05/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	7.32	694,200.00 *gal*
Application event totals		0.00	0.00	0.00	7.32	

05/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.51	0.00	0.00	32.54	470,340.00 *gal*
Application event totals		0.51	0.00	0.00	32.54	

05/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.45	0.00	0.00	28.92	418,080.00 *gal*
Application event totals		0.45	0.00	0.00	28.92	

05/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.45	0.00	0.00	28.92	418,080.00 *gal*
Application event totals		0.45	0.00	0.00	28.92	

05/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.18	0.00	0.00	75.92	1,097,460.00 *gal*
Application event totals		1.18	0.00	0.00	75.92	

16 - 11/03/2022: Wheat Hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.18	0.00	0.00	75.92	1,097,460.00 *gal*
Application event totals		1.18	0.00	0.00	75.92	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.18	0.00	0.00	75.92	1,097,460.00 *gal*
Application event totals		1.18	0.00	0.00	75.92	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.07	0.00	0.00	68.69	992,940.00 *gal*
Application event totals		1.07	0.00	0.00	68.69	

16 - 07/03/2023: Sorghum Silage

Field name: 16

Crop: Sorghum Silage

Plant date: 07/03/2023

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.70	0.00	0.00	30.05	444,180.00 *gal*
Application event totals		0.70	0.00	0.00	30.05	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	4.62	427,200.00 *gal*
Application event totals		0.00	0.00	0.00	4.62	

16 - 07/03/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/14/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.57	0.00	0.00	24.59	363,420.00 *gal*
Application event totals		0.57	0.00	0.00	24.59	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/14/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.03	0.00	0.00	5.17	402,240.00 *gal*
Application event totals		0.03	0.00	0.00	5.17	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.03	0.00	0.00	5.17	402,240.00 *gal*
Application event totals		0.03	0.00	0.00	5.17	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/20/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.21	0.00	0.00	51.91	767,220.00 *gal*
Application event totals		1.21	0.00	0.00	51.91	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.57	0.00	0.00	24.59	363,420.00 *gal*
Application event totals		0.57	0.00	0.00	24.59	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.70	0.00	0.00	30.05	444,180.00 *gal*
Application event totals		0.70	0.00	0.00	30.05	

16 - 07/03/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	4.62	427,200.00 *gal*
Application event totals		0.00	0.00	0.00	4.62	

07/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.70	0.00	0.00	30.05	444,120.00 *gal*
Application event totals		0.70	0.00	0.00	30.05	

07/18/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.57	0.00	0.00	24.59	363,420.00 *gal*
Application event totals		0.57	0.00	0.00	24.59	

07/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.57	0.00	0.00	24.59	363,420.00 *gal*
Application event totals		0.57	0.00	0.00	24.59	

07/20/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.57	0.00	0.00	24.59	363,420.00 *gal*
Application event totals		0.57	0.00	0.00	24.59	

07/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.03	0.00	0.00	5.17	402,240.00 *gal*
Application event totals		0.03	0.00	0.00	5.17	

16 - 07/03/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.03	0.00	0.00	5.17	402,240.00 *gal*
Application event totals		0.03	0.00	0.00	5.17	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/18/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.05	0.00	0.00	7.76	603,360.00 *gal*
Application event totals		0.05	0.00	0.00	7.76	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.05	0.00	0.00	7.76	603,360.00 *gal*
Application event totals		0.05	0.00	0.00	7.76	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/20/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.08	0.00	0.00	14.22	1,106,160.00 *gal*
Application event totals		0.08	0.00	0.00	14.22	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.05	0.00	0.00	7.76	603,360.00 *gal*
Application event totals		0.05	0.00	0.00	7.76	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.35	0.00	0.00	21.89	323,520.00 *gal*
Application event totals		0.35	0.00	0.00	21.89	

16 - 07/03/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.35	0.00	0.00	21.89	323,520.00 *gal*
Application event totals		0.35	0.00	0.00	21.89	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.28	0.00	0.00	14.95	324,960.00 *gal*
Application event totals		0.28	0.00	0.00	14.95	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.28	0.00	0.00	14.95	324,960.00 *gal*
Application event totals		0.28	0.00	0.00	14.95	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.28	0.00	0.00	14.95	324,960.00 *gal*
Application event totals		0.28	0.00	0.00	14.95	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.28	0.00	0.00	14.95	324,960.00 *gal*
Application event totals		0.28	0.00	0.00	14.95	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	4.62	427,200.00 *gal*
Application event totals		0.00	0.00	0.00	4.62	

16 - 07/03/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	4.62	427,200.00 *gal*
Application event totals		0.00	0.00	0.00	4.62	

08/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	5.20	480,600.00 *gal*
Application event totals		0.00	0.00	0.00	5.20	

08/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	10.98	1,014,600.00 *gal*
Application event totals		0.00	0.00	0.00	10.98	

08/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.56	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.56	

08/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.56	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.56	

08/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.56	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.56	

16 - 07/03/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.56	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.56	

08/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.56	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.56	

08/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.66	0.00	0.00	35.51	771,780.00 *gal*
Application event totals		0.66	0.00	0.00	35.51	

08/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.66	0.00	0.00	35.51	771,780.00 *gal*
Application event totals		0.66	0.00	0.00	35.51	

08/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.66	0.00	0.00	35.51	771,780.00 *gal*
Application event totals		0.66	0.00	0.00	35.51	

08/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.66	0.00	0.00	35.51	771,780.00 *gal*
Application event totals		0.66	0.00	0.00	35.51	

16 - 07/03/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/14/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	6.41	0.00	0.00	396.76	5,863,800.00 *gal*
Application event totals		6.41	0.00	0.00	396.76	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/21/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.40	0.00	0.00	24.63	363,960.00 *gal*
Application event totals		0.40	0.00	0.00	24.63	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/21/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.88	0.00	0.00	54.73	808,800.00 *gal*
Application event totals		0.88	0.00	0.00	54.73	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.88	0.00	0.00	54.73	808,800.00 *gal*
Application event totals		0.88	0.00	0.00	54.73	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.56	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.56	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.56	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.56	

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Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.56	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.56	

08/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.56	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.56	

08/20/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.66	0.00	0.00	35.51	771,780.00 *gal*
Application event totals		0.66	0.00	0.00	35.51	

08/21/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.66	0.00	0.00	35.51	771,780.00 *gal*
Application event totals		0.66	0.00	0.00	35.51	

08/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.66	0.00	0.00	35.51	771,780.00 *gal*
Application event totals		0.66	0.00	0.00	35.51	

08/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.66	0.00	0.00	35.51	771,780.00 *gal*
Application event totals		0.66	0.00	0.00	35.51	

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Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.66	0.00	0.00	35.51	771,780.00 *gal*
Application event totals		0.66	0.00	0.00	35.51	

08/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.66	0.00	0.00	35.51	771,780.00 *gal*
Application event totals		0.66	0.00	0.00	35.51	

08/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.66	0.00	0.00	35.51	771,780.00 *gal*
Application event totals		0.66	0.00	0.00	35.51	

08/28/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.66	0.00	0.00	35.51	771,780.00 *gal*
Application event totals		0.66	0.00	0.00	35.51	

08/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.66	0.00	0.00	35.51	771,780.00 *gal*
Application event totals		0.66	0.00	0.00	35.51	

08/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.66	0.00	0.00	35.51	771,780.00 *gal*
Application event totals		0.66	0.00	0.00	35.51	

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Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/31/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.66	0.00	0.00	35.51	771,780.00 *gal*
Application event totals		0.66	0.00	0.00	35.51	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.77	0.00	0.00	41.12	893,640.00 *gal*
Application event totals		0.77	0.00	0.00	41.12	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.56	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.56	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/28/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.56	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.56	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.56	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.56	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.56	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.56	

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Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/31/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.56	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.56	

09/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.56	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.56	

09/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.56	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.56	

09/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.66	0.00	0.00	35.51	771,780.00 *gal*
Application event totals		0.66	0.00	0.00	35.51	

09/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.66	0.00	0.00	35.51	771,780.00 *gal*
Application event totals		0.66	0.00	0.00	35.51	

09/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.66	0.00	0.00	35.51	771,780.00 *gal*
Application event totals		0.66	0.00	0.00	35.51	

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Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.66	0.00	0.00	35.51	771,780.00 *gal*
Application event totals		0.66	0.00	0.00	35.51	

09/14/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.66	0.00	0.00	35.51	771,780.00 *gal*
Application event totals		0.66	0.00	0.00	35.51	

09/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.66	0.00	0.00	35.51	771,780.00 *gal*
Application event totals		0.66	0.00	0.00	35.51	

09/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.66	0.00	0.00	35.51	771,780.00 *gal*
Application event totals		0.66	0.00	0.00	35.51	

09/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.66	0.00	0.00	35.51	771,780.00 *gal*
Application event totals		0.66	0.00	0.00	35.51	

09/18/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.66	0.00	0.00	35.51	771,780.00 *gal*
Application event totals		0.66	0.00	0.00	35.51	

16 - 07/03/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.66	0.00	0.00	35.51	771,780.00 *gal*
Application event totals		0.66	0.00	0.00	35.51	

09/20/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.66	0.00	0.00	35.51	771,780.00 *gal*
Application event totals		0.66	0.00	0.00	35.51	

09/21/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.66	0.00	0.00	35.51	771,780.00 *gal*
Application event totals		0.66	0.00	0.00	35.51	

09/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.66	0.00	0.00	35.51	771,780.00 *gal*
Application event totals		0.66	0.00	0.00	35.51	

09/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.66	0.00	0.00	35.51	771,780.00 *gal*
Application event totals		0.66	0.00	0.00	35.51	

09/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.66	0.00	0.00	35.51	771,780.00 *gal*
Application event totals		0.66	0.00	0.00	35.51	

16 - 07/03/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/20/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.88	0.00	0.00	54.73	808,800.00 *gal*
Application event totals		0.88	0.00	0.00	54.73	

09/21/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.88	0.00	0.00	54.73	808,800.00 *gal*
Application event totals		0.88	0.00	0.00	54.73	

09/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.88	0.00	0.00	54.73	808,800.00 *gal*
Application event totals		0.88	0.00	0.00	54.73	

09/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.88	0.00	0.00	54.73	808,800.00 *gal*
Application event totals		0.88	0.00	0.00	54.73	

09/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	10.98	1,014,000.00 *gal*
Application event totals		0.00	0.00	0.00	10.98	

09/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	10.98	1,014,000.00 *gal*
Application event totals		0.00	0.00	0.00	10.98	

16 - 07/03/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.66	0.00	0.00	35.51	771,780.00 *gal*
Application event totals		0.66	0.00	0.00	35.51	

09/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.66	0.00	0.00	35.51	771,780.00 *gal*
Application event totals		0.66	0.00	0.00	35.51	

09/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.66	0.00	0.00	35.51	771,780.00 *gal*
Application event totals		0.66	0.00	0.00	35.51	

09/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.66	0.00	0.00	35.51	771,780.00 *gal*
Application event totals		0.66	0.00	0.00	35.51	

09/28/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.66	0.00	0.00	35.51	771,780.00 *gal*
Application event totals		0.66	0.00	0.00	35.51	

09/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.66	0.00	0.00	35.51	771,780.00 *gal*
Application event totals		0.66	0.00	0.00	35.51	

16 - 07/03/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.66	0.00	0.00	35.51	771,780.00 *gal*
Application event totals		0.66	0.00	0.00	35.51	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.88	0.00	0.00	54.73	808,800.00 *gal*
Application event totals		0.88	0.00	0.00	54.73	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.88	0.00	0.00	54.73	808,800.00 *gal*
Application event totals		0.88	0.00	0.00	54.73	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	4.47	0.62	3.23	20.10	60,120.00 *gal*
Application event totals		4.47	0.62	3.23	20.10	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.88	0.00	0.00	54.73	808,800.00 *gal*
Application event totals		0.88	0.00	0.00	54.73	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.88	0.00	0.00	54.73	808,800.00 *gal*
Application event totals		0.88	0.00	0.00	54.73	

16 - 07/03/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.88	0.00	0.00	54.73	808,800.00 *gal*
Application event totals		0.88	0.00	0.00	54.73	

10/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.56	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.56	

10/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.56	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.56	

10/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.56	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.56	

10/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.56	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.56	

10/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.56	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.56	

16 - 07/03/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.56	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.56	

10/14/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.56	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.56	

10/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.66	0.00	0.00	35.51	771,780.00 *gal*
Application event totals		0.66	0.00	0.00	35.51	

10/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.66	0.00	0.00	35.51	771,780.00 *gal*
Application event totals		0.66	0.00	0.00	35.51	

10/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.66	0.00	0.00	35.51	771,780.00 *gal*
Application event totals		0.66	0.00	0.00	35.51	

10/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.66	0.00	0.00	35.51	771,780.00 *gal*
Application event totals		0.66	0.00	0.00	35.51	

16 - 07/03/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.66	0.00	0.00	35.51	771,780.00 *gal*
Application event totals		0.66	0.00	0.00	35.51	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.66	0.00	0.00	35.51	771,780.00 *gal*
Application event totals		0.66	0.00	0.00	35.51	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/14/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.66	0.00	0.00	35.51	771,780.00 *gal*
Application event totals		0.66	0.00	0.00	35.51	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	5.22	0.73	3.77	23.44	70,140.00 *gal*
Application event totals		5.22	0.73	3.77	23.44	

17 - 11/10/2019: Alfalfa, hay

Field name: 17

Crop: Alfalfa, hay

Plant date: 11/10/2019

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
01/02/2023	Surface (irrigation)	No precipitation	Light rain	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.10	0.00	0.00	9.10	313,440.00 *gal*
Application event totals		0.10	0.00	0.00	9.10	

17 - 11/10/2019: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
01/02/2023	Surface (irrigation)	No precipitation	Light rain	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	3.58	0.22	1.63	11.02	80,160.00 *gal*
Application event totals		3.58	0.22	1.63	11.02	

01/06/2023	Surface (irrigation)	Light rain	No precipitation	Light rain

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.10	0.00	0.00	9.10	313,440.00 *gal*
Application event totals		0.10	0.00	0.00	9.10	

01/06/2023	Surface (irrigation)	Light rain	No precipitation	Light rain

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	3.58	0.22	1.63	11.02	80,160.00 *gal*
Application event totals		3.58	0.22	1.63	11.02	

01/09/2023	Surface (irrigation)	Light rain	Steady rain	Light rain

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	14.00	0.85	6.36	43.10	313,440.00 *gal*
Application event totals		14.00	0.85	6.36	43.10	

05/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.09	0.00	0.00	14.56	1,055,880.00 *gal*
Application event totals		0.09	0.00	0.00	14.56	

05/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.06	0.00	0.00	9.70	703,360.00 *gal*
Application event totals		0.06	0.00	0.00	9.70	

17 - 11/10/2019: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.08	0.00	0.00	13.86	1,005,600.00 *gal*
Application event totals		0.08	0.00	0.00	13.86	

05/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.08	0.00	0.00	13.86	1,005,600.00 *gal*
Application event totals		0.08	0.00	0.00	13.86	

05/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.01	0.00	0.00	1.45	105,040.00 *gal*
Application event totals		0.01	0.00	0.00	1.45	

05/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.44	0.00	0.00	61.53	847,980.00 *gal*
Application event totals		1.44	0.00	0.00	61.53	

05/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.30	0.00	0.00	55.67	767,220.00 *gal*
Application event totals		1.30	0.00	0.00	55.67	

05/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.06	0.00	0.00	10.38	752,520.00 *gal*
Application event totals		0.06	0.00	0.00	10.38	

17 - 11/10/2019: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.06	0.00	0.00	9.71	703,920.00 *gal*
Application event totals		0.06	0.00	0.00	9.71	

05/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.46	0.00	0.00	34.07	885,780.00 *gal*
Application event totals		0.46	0.00	0.00	34.07	

05/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.46	0.00	0.00	34.07	885,780.00 *gal*
Application event totals		0.46	0.00	0.00	34.07	

05/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.44	0.00	0.00	61.53	847,980.00 *gal*
Application event totals		1.44	0.00	0.00	61.53	

05/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.62	0.00	0.00	26.37	363,420.00 *gal*
Application event totals		0.62	0.00	0.00	26.37	

05/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.44	0.00	0.00	61.53	847,980.00 *gal*
Application event totals		1.44	0.00	0.00	61.53	

17 - 11/10/2019: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/18/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.44	0.00	0.00	61.53	847,980.00 *gal*
Application event totals		1.44	0.00	0.00	61.53	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.30	0.00	0.00	55.67	767,220.00 *gal*
Application event totals		1.30	0.00	0.00	55.67	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.37	0.00	0.00	58.79	810,180.00 *gal*
Application event totals		1.37	0.00	0.00	58.79	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.37	0.00	0.00	58.79	810,180.00 *gal*
Application event totals		1.37	0.00	0.00	58.79	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/18/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.37	0.00	0.00	58.79	810,180.00 *gal*
Application event totals		1.37	0.00	0.00	58.79	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.05	0.00	0.00	44.79	617,280.00 *gal*
Application event totals		1.05	0.00	0.00	44.79	

17 - 11/10/2019: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.68	0.00	0.00	29.30	403,800.00 *gal*
Application event totals		0.68	0.00	0.00	29.30	

05/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.65	0.00	0.00	28.00	385,800.00 *gal*
Application event totals		0.65	0.00	0.00	28.00	

06/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.10	0.00	0.00	17.32	1,255,880.00 *gal*
Application event totals		0.10	0.00	0.00	17.32	

06/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.44	0.00	0.00	61.53	847,980.00 *gal*
Application event totals		1.44	0.00	0.00	61.53	

06/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.30	0.00	0.00	83.62	1,097,460.00 *gal*
Application event totals		1.30	0.00	0.00	83.62	

06/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.30	0.00	0.00	83.62	1,097,460.00 *gal*
Application event totals		1.30	0.00	0.00	83.62	

17 - 11/10/2019: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.30	0.00	0.00	83.62	1,097,460.00 *gal*
Application event totals		1.30	0.00	0.00	83.62	

06/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.30	0.00	0.00	83.62	1,097,460.00 *gal*
Application event totals		1.30	0.00	0.00	83.62	

06/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.09	0.00	0.00	14.56	1,055,880.00 *gal*
Application event totals		0.09	0.00	0.00	14.56	

06/14/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.10	0.00	0.00	17.32	1,255,880.00 *gal*
Application event totals		0.10	0.00	0.00	17.32	

06/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.10	0.00	0.00	17.32	1,255,880.00 *gal*
Application event totals		0.10	0.00	0.00	17.32	

06/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.09	0.00	0.00	15.13	1,097,460.00 *gal*
Application event totals		0.09	0.00	0.00	15.13	

17 - 11/10/2019: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.25	0.00	0.00	80.45	1,055,880.00 *gal*
Application event totals		1.25	0.00	0.00	80.45	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.44	0.00	0.00	61.53	847,980.00 *gal*
Application event totals		1.44	0.00	0.00	61.53	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.44	0.00	0.00	61.53	847,980.00 *gal*
Application event totals		1.44	0.00	0.00	61.53	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.44	0.00	0.00	61.53	847,980.00 *gal*
Application event totals		1.44	0.00	0.00	61.53	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/14/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.44	0.00	0.00	61.53	847,980.00 *gal*
Application event totals		1.44	0.00	0.00	61.53	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.44	0.00	0.00	61.53	847,980.00 *gal*
Application event totals		1.44	0.00	0.00	61.53	

17 - 11/10/2019: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.44	0.00	0.00	61.53	847,980.00 *gal*
Application event totals		1.44	0.00	0.00	61.53	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.44	0.00	0.00	61.53	847,980.00 *gal*
Application event totals		1.44	0.00	0.00	61.53	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.30	0.00	0.00	83.62	1,097,460.00 *gal*
Application event totals		1.30	0.00	0.00	83.62	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.30	0.00	0.00	83.62	1,097,460.00 *gal*
Application event totals		1.30	0.00	0.00	83.62	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.30	0.00	0.00	83.62	1,097,460.00 *gal*
Application event totals		1.30	0.00	0.00	83.62	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/18/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.25	0.00	0.00	80.45	1,055,880.00 *gal*
Application event totals		1.25	0.00	0.00	80.45	

17 - 11/10/2019: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/18/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.44	0.00	0.00	61.53	847,980.00 *gal*
Application event totals		1.44	0.00	0.00	61.53	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.30	0.00	0.00	55.67	767,220.00 *gal*
Application event totals		1.30	0.00	0.00	55.67	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.30	0.00	0.00	55.67	767,220.00 *gal*
Application event totals		1.30	0.00	0.00	55.67	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.30	0.00	0.00	55.67	767,220.00 *gal*
Application event totals		1.30	0.00	0.00	55.67	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.07	0.00	0.00	12.21	885,780.00 *gal*
Application event totals		0.07	0.00	0.00	12.21	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.05	0.00	0.00	7.63	553,080.00 *gal*
Application event totals		0.05	0.00	0.00	7.63	

17 - 11/10/2019: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.74	0.00	0.00	47.78	627,120.00 *gal*
Application event totals		0.74	0.00	0.00	47.78	

07/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.68	0.00	0.00	43.80	574,860.00 *gal*
Application event totals		0.68	0.00	0.00	43.80	

07/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.68	0.00	0.00	43.80	574,860.00 *gal*
Application event totals		0.68	0.00	0.00	43.80	

07/14/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.43	0.00	0.00	27.87	365,820.00 *gal*
Application event totals		0.43	0.00	0.00	27.87	

07/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.18	0.00	0.00	75.66	992,940.00 *gal*
Application event totals		1.18	0.00	0.00	75.66	

07/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.30	0.00	0.00	55.67	767,220.00 *gal*
Application event totals		1.30	0.00	0.00	55.67	

17 - 11/10/2019: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.30	0.00	0.00	55.67	767,220.00 *gal*
Application event totals		1.30	0.00	0.00	55.67	

07/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.30	0.00	0.00	55.67	767,220.00 *gal*
Application event totals		1.30	0.00	0.00	55.67	

07/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.30	0.00	0.00	55.67	767,220.00 *gal*
Application event totals		1.30	0.00	0.00	55.67	

07/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.05	0.00	0.00	7.63	553,080.00 *gal*
Application event totals		0.05	0.00	0.00	7.63	

07/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.06	0.00	0.00	10.38	753,080.00 *gal*
Application event totals		0.06	0.00	0.00	10.38	

07/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.04	0.00	0.00	6.93	502,800.00 *gal*
Application event totals		0.04	0.00	0.00	6.93	

17 - 11/10/2019: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.04	0.00	0.00	6.93	502,800.00 *gal*
Application event totals		0.04	0.00	0.00	6.93	

07/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.04	0.00	0.00	6.93	502,800.00 *gal*
Application event totals		0.04	0.00	0.00	6.93	

07/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.99	0.00	0.00	63.71	836,160.00 *gal*
Application event totals		0.99	0.00	0.00	63.71	

07/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.68	0.00	0.00	43.80	574,860.00 *gal*
Application event totals		0.68	0.00	0.00	43.80	

07/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.62	0.00	0.00	39.82	522,600.00 *gal*
Application event totals		0.62	0.00	0.00	39.82	

07/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.74	0.00	0.00	47.78	627,120.00 *gal*
Application event totals		0.74	0.00	0.00	47.78	

17 - 11/10/2019: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.18	0.00	0.00	75.66	992,940.00 *gal*
Application event totals		1.18	0.00	0.00	75.66	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.43	0.00	0.00	27.87	365,820.00 *gal*
Application event totals		0.43	0.00	0.00	27.87	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/21/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.62	0.00	0.00	39.82	522,600.00 *gal*
Application event totals		0.62	0.00	0.00	39.82	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.56	0.00	0.00	35.84	470,340.00 *gal*
Application event totals		0.56	0.00	0.00	35.84	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/18/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.56	0.00	0.00	35.84	470,340.00 *gal*
Application event totals		0.56	0.00	0.00	35.84	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.56	0.00	0.00	35.84	470,340.00 *gal*
Application event totals		0.56	0.00	0.00	35.84	

17 - 11/10/2019: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.56	0.00	0.00	35.84	470,340.00 *gal*
Application event totals		0.56	0.00	0.00	35.84	

08/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.75	0.00	0.00	32.23	444,180.00 *gal*
Application event totals		0.75	0.00	0.00	32.23	

08/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.75	0.00	0.00	32.23	444,180.00 *gal*
Application event totals		0.75	0.00	0.00	32.23	

08/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.68	0.00	0.00	43.80	574,860.00 *gal*
Application event totals		0.68	0.00	0.00	43.80	

08/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.04	0.00	0.00	66.66	874,860.00 *gal*
Application event totals		1.04	0.00	0.00	66.66	

08/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.62	0.00	0.00	39.82	522,600.00 *gal*
Application event totals		0.62	0.00	0.00	39.82	

17 - 11/10/2019: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.62	0.00	0.00	39.82	522,600.00 *gal*
Application event totals		0.62	0.00	0.00	39.82	

08/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.68	0.00	0.00	43.80	574,860.00 *gal*
Application event totals		0.68	0.00	0.00	43.80	

08/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.62	0.00	0.00	39.82	522,600.00 *gal*
Application event totals		0.62	0.00	0.00	39.82	

08/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.18	0.00	0.00	75.66	992,940.00 *gal*
Application event totals		1.18	0.00	0.00	75.66	

08/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.04	0.00	0.00	6.93	502,800.00 *gal*
Application event totals		0.04	0.00	0.00	6.93	

08/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.04	0.00	0.00	6.93	502,800.00 *gal*
Application event totals		0.04	0.00	0.00	6.93	

17 - 11/10/2019: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.04	0.00	0.00	6.93	502,800.00 *gal*
Application event totals		0.04	0.00	0.00	6.93	

08/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.04	0.00	0.00	6.93	502,800.00 *gal*
Application event totals		0.04	0.00	0.00	6.93	

08/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.04	0.00	0.00	6.93	502,800.00 *gal*
Application event totals		0.04	0.00	0.00	6.93	

08/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.79	0.00	0.00	51.08	670,340.00 *gal*
Application event totals		0.79	0.00	0.00	51.08	

08/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.83	0.00	0.00	117.73	1,545,200.00 *gal*
Application event totals		1.83	0.00	0.00	117.73	

08/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.55	0.00	0.00	23.44	323,080.00 *gal*
Application event totals		0.55	0.00	0.00	23.44	

17 - 11/10/2019: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.81	0.00	0.00	77.44	1,067,220.00 *gal*
Application event totals		1.81	0.00	0.00	77.44	

08/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.18	0.00	0.00	75.66	992,940.00 *gal*
Application event totals		1.18	0.00	0.00	75.66	

08/14/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.68	0.00	0.00	43.80	574,860.00 *gal*
Application event totals		0.68	0.00	0.00	43.80	

08/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.08	0.00	0.00	13.17	955,320.00 *gal*
Application event totals		0.08	0.00	0.00	13.17	

08/14/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.08	0.00	0.00	13.17	955,320.00 *gal*
Application event totals		0.08	0.00	0.00	13.17	

08/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.08	0.00	0.00	13.17	955,320.00 *gal*
Application event totals		0.08	0.00	0.00	13.17	

17 - 11/22/2023: Alfalfa/Winter Forage Mix

17 - 11/22/2023: Alfalfa/Winter Forage Mix

Field name: 17

Crop: Alfalfa/Winter Forage Mix

Plant date: 11/22/2023

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
11/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	1.87	0.00	0.00	100.22	2,031,000.00 *gal*
Application event totals		1.87	0.00	0.00	100.22	

11/21/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.39	0.00	0.00	65.86	4,776,600.00 *gal*
Application event totals		0.39	0.00	0.00	65.86	

11/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.02	0.00	0.00	4.16	301,680.00 *gal*
Application event totals		0.02	0.00	0.00	4.16	

18 - 11/10/2019: Alfalfa, hay

Field name: 18

Crop: Alfalfa, hay

Plant date: 11/10/2019

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
01/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.09	0.00	0.00	8.15	313,440.00 *gal*
Application event totals		0.09	0.00	0.00	8.15	

18 - 11/10/2019: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
01/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	3.21	0.20	1.46	9.88	80,160.00 *gal*
Application event totals		3.21	0.20	1.46	9.88	

01/30/2023	Surface (irrigation)	Light rain	No precipitation	Light rain

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.09	0.00	0.00	8.15	313,440.00 *gal*
Application event totals		0.09	0.00	0.00	8.15	

01/30/2023	Surface (irrigation)	Light rain	No precipitation	Light rain

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	3.21	0.20	1.46	9.88	80,160.00 *gal*
Application event totals		3.21	0.20	1.46	9.88	

02/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.09	0.00	0.00	8.15	313,440.00 *gal*
Application event totals		0.09	0.00	0.00	8.15	

02/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	3.21	0.20	1.46	9.88	80,160.00 *gal*
Application event totals		3.21	0.20	1.46	9.88	

02/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.09	0.00	0.00	8.15	313,440.00 *gal*
Application event totals		0.09	0.00	0.00	8.15	

18 - 11/10/2019: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
02/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	3.21	0.20	1.46	9.88	80,160.00 *gal*
Application event totals		3.21	0.20	1.46	9.88	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.55	0.00	0.00	37.76	810,180.00 *gal*
Application event totals		0.55	0.00	0.00	37.76	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.55	0.00	0.00	37.76	810,180.00 *gal*
Application event totals		0.55	0.00	0.00	37.76	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.55	0.00	0.00	37.76	810,180.00 *gal*
Application event totals		0.55	0.00	0.00	37.76	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.55	0.00	0.00	37.76	810,180.00 *gal*
Application event totals		0.55	0.00	0.00	37.76	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.30	0.00	0.00	16.17	365,580.00 *gal*
Application event totals		0.30	0.00	0.00	16.17	

18 - 11/10/2019: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.70	0.00	0.00	37.72	853,020.00 *gal*
Application event totals		0.70	0.00	0.00	37.72	

05/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.70	0.00	0.00	37.72	853,020.00 *gal*
Application event totals		0.70	0.00	0.00	37.72	

05/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.70	0.00	0.00	37.72	853,020.00 *gal*
Application event totals		0.70	0.00	0.00	37.72	

05/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.70	0.00	0.00	37.72	853,020.00 *gal*
Application event totals		0.70	0.00	0.00	37.72	

05/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.64	0.00	0.00	34.13	771,780.00 *gal*
Application event totals		0.64	0.00	0.00	34.13	

05/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.67	1,121,400.00 *gal*
Application event totals		0.00	0.00	0.00	11.67	

18 - 11/10/2019: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.67	1,121,400.00 *gal*
Application event totals		0.00	0.00	0.00	11.67	

05/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.67	1,121,400.00 *gal*
Application event totals		0.00	0.00	0.00	11.67	

05/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	10.56	1,014,600.00 *gal*
Application event totals		0.00	0.00	0.00	10.56	

05/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.29	0.00	0.00	55.14	847,980.00 *gal*
Application event totals		1.29	0.00	0.00	55.14	

05/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.29	0.00	0.00	55.14	847,980.00 *gal*
Application event totals		1.29	0.00	0.00	55.14	

05/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.29	0.00	0.00	55.14	847,980.00 *gal*
Application event totals		1.29	0.00	0.00	55.14	

18 - 11/10/2019: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.29	0.00	0.00	55.14	847,980.00 *gal*
Application event totals		1.29	0.00	0.00	55.14	

05/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.16	0.00	0.00	49.89	767,220.00 *gal*
Application event totals		1.16	0.00	0.00	49.89	

05/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.29	0.00	0.00	55.14	847,980.00 *gal*
Application event totals		1.29	0.00	0.00	55.14	

05/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.29	0.00	0.00	55.14	847,980.00 *gal*
Application event totals		1.29	0.00	0.00	55.14	

05/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.29	0.00	0.00	55.14	847,980.00 *gal*
Application event totals		1.29	0.00	0.00	55.14	

05/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.29	0.00	0.00	55.14	847,980.00 *gal*
Application event totals		1.29	0.00	0.00	55.14	

18 - 11/10/2019: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.16	0.00	0.00	49.89	767,220.00 *gal*
Application event totals		1.16	0.00	0.00	49.89	

05/29/2023	Subsurface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.30	0.00	0.00	16.17	365,580.00 *gal*
Application event totals		0.30	0.00	0.00	16.17	

05/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.70	0.00	0.00	37.72	853,020.00 *gal*
Application event totals		0.70	0.00	0.00	37.72	

05/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.70	0.00	0.00	37.72	853,020.00 *gal*
Application event totals		0.70	0.00	0.00	37.72	

05/31/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.80	0.00	0.00	43.11	974,880.00 *gal*
Application event totals		0.80	0.00	0.00	43.11	

05/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	6.11	587,400.00 *gal*
Application event totals		0.00	0.00	0.00	6.11	

18 - 11/10/2019: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.67	1,121,400.00 *gal*
Application event totals		0.00	0.00	0.00	11.67	

05/31/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	10.56	1,014,600.00 *gal*
Application event totals		0.00	0.00	0.00	10.56	

05/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.67	0.00	0.00	28.88	444,180.00 *gal*
Application event totals		0.67	0.00	0.00	28.88	

06/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.85	0.00	0.00	52.59	808,800.00 *gal*
Application event totals		0.85	0.00	0.00	52.59	

06/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.85	0.00	0.00	52.59	808,800.00 *gal*
Application event totals		0.85	0.00	0.00	52.59	

06/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.70	0.00	0.00	37.72	853,020.00 *gal*
Application event totals		0.70	0.00	0.00	37.72	

18 - 11/10/2019: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.70	0.00	0.00	37.72	853,020.00 *gal*
Application event totals		0.70	0.00	0.00	37.72	

06/18/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.85	0.00	0.00	52.59	808,800.00 *gal*
Application event totals		0.85	0.00	0.00	52.59	

06/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.85	0.00	0.00	52.59	808,800.00 *gal*
Application event totals		0.85	0.00	0.00	52.59	

06/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.08	0.00	0.00	13.05	1,055,880.00 *gal*
Application event totals		0.08	0.00	0.00	13.05	

06/20/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.08	0.00	0.00	13.05	1,055,880.00 *gal*
Application event totals		0.08	0.00	0.00	13.05	

06/21/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.08	0.00	0.00	13.05	1,055,880.00 *gal*
Application event totals		0.08	0.00	0.00	13.05	

18 - 11/10/2019: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.08	0.00	0.00	13.05	1,055,880.00 *gal*
Application event totals		0.08	0.00	0.00	13.05	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.08	0.00	0.00	13.05	1,055,880.00 *gal*
Application event totals		0.08	0.00	0.00	13.05	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.08	0.00	0.00	13.05	1,055,880.00 *gal*
Application event totals		0.08	0.00	0.00	13.05	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.40	0.00	0.00	29.22	847,980.00 *gal*
Application event totals		0.40	0.00	0.00	29.22	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/20/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.40	0.00	0.00	29.22	847,980.00 *gal*
Application event totals		0.40	0.00	0.00	29.22	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/21/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.40	0.00	0.00	29.22	847,980.00 *gal*
Application event totals		0.40	0.00	0.00	29.22	

18 - 11/10/2019: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.40	0.00	0.00	29.22	847,980.00 *gal*
Application event totals		0.40	0.00	0.00	29.22	

06/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.40	0.00	0.00	29.22	847,980.00 *gal*
Application event totals		0.40	0.00	0.00	29.22	

06/18/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.70	0.00	0.00	37.72	853,020.00 *gal*
Application event totals		0.70	0.00	0.00	37.72	

06/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.70	0.00	0.00	37.72	853,020.00 *gal*
Application event totals		0.70	0.00	0.00	37.72	

06/20/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.70	0.00	0.00	37.72	853,020.00 *gal*
Application event totals		0.70	0.00	0.00	37.72	

06/21/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.70	0.00	0.00	37.72	853,020.00 *gal*
Application event totals		0.70	0.00	0.00	37.72	

18 - 11/10/2019: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.70	0.00	0.00	37.72	853,020.00 *gal*
Application event totals		0.70	0.00	0.00	37.72	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.80	0.00	0.00	43.11	974,880.00 *gal*
Application event totals		0.80	0.00	0.00	43.11	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.70	0.00	0.00	37.72	853,020.00 *gal*
Application event totals		0.70	0.00	0.00	37.72	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.04	0.00	0.00	6.83	553,080.00 *gal*
Application event totals		0.04	0.00	0.00	6.83	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/14/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.04	0.00	0.00	6.21	502,800.00 *gal*
Application event totals		0.04	0.00	0.00	6.21	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.04	0.00	0.00	6.83	553,080.00 *gal*
Application event totals		0.04	0.00	0.00	6.83	

18 - 11/10/2019: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.67	0.00	0.00	28.88	444,180.00 *gal*
Application event totals		0.67	0.00	0.00	28.88	

07/14/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.67	0.00	0.00	28.88	444,180.00 *gal*
Application event totals		0.67	0.00	0.00	28.88	

07/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.67	0.00	0.00	28.88	444,180.00 *gal*
Application event totals		0.67	0.00	0.00	28.88	

07/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.67	0.00	0.00	42.82	627,120.00 *gal*
Application event totals		0.67	0.00	0.00	42.82	

07/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.33	0.00	0.00	17.96	406,200.00 *gal*
Application event totals		0.33	0.00	0.00	17.96	

07/18/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.33	0.00	0.00	17.96	406,200.00 *gal*
Application event totals		0.33	0.00	0.00	17.96	

18 - 11/10/2019: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.33	0.00	0.00	17.96	406,200.00 *gal*
Application event totals		0.33	0.00	0.00	17.96	

07/20/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.33	0.00	0.00	17.96	406,200.00 *gal*
Application event totals		0.33	0.00	0.00	17.96	

07/21/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.33	0.00	0.00	17.96	406,200.00 *gal*
Application event totals		0.33	0.00	0.00	17.96	

07/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.33	0.00	0.00	17.96	406,200.00 *gal*
Application event totals		0.33	0.00	0.00	17.96	

07/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.47	0.00	0.00	28.93	444,840.00 *gal*
Application event totals		0.47	0.00	0.00	28.93	

07/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.04	0.00	0.00	6.83	553,080.00 *gal*
Application event totals		0.04	0.00	0.00	6.83	

18 - 11/10/2019: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.67	0.00	0.00	28.88	444,180.00 *gal*
Application event totals		0.67	0.00	0.00	28.88	

07/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.61	0.00	0.00	26.26	403,800.00 *gal*
Application event totals		0.61	0.00	0.00	26.26	

07/18/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.61	0.00	0.00	26.26	403,800.00 *gal*
Application event totals		0.61	0.00	0.00	26.26	

07/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.61	0.00	0.00	26.26	403,800.00 *gal*
Application event totals		0.61	0.00	0.00	26.26	

07/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.11	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.11	

07/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	1.11	106,800.00 *gal*
Application event totals		0.00	0.00	0.00	1.11	

18 - 11/10/2019: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/28/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.11	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.11	

07/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.11	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.11	

07/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.37	0.00	0.00	19.76	446,820.00 *gal*
Application event totals		0.37	0.00	0.00	19.76	

07/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.37	0.00	0.00	19.76	446,820.00 *gal*
Application event totals		0.37	0.00	0.00	19.76	

07/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.37	0.00	0.00	19.76	446,820.00 *gal*
Application event totals		0.37	0.00	0.00	19.76	

07/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.67	0.00	0.00	35.92	812,400.00 *gal*
Application event totals		0.67	0.00	0.00	35.92	

18 - 11/10/2019: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/28/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.67	0.00	0.00	35.92	812,400.00 *gal*
Application event totals		0.67	0.00	0.00	35.92	

07/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.67	0.00	0.00	35.92	812,400.00 *gal*
Application event totals		0.67	0.00	0.00	35.92	

07/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.47	0.00	0.00	28.93	444,840.00 *gal*
Application event totals		0.47	0.00	0.00	28.93	

07/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.47	0.00	0.00	28.93	444,840.00 *gal*
Application event totals		0.47	0.00	0.00	28.93	

07/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.47	0.00	0.00	28.93	444,840.00 *gal*
Application event totals		0.47	0.00	0.00	28.93	

07/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.85	0.00	0.00	52.59	808,800.00 *gal*
Application event totals		0.85	0.00	0.00	52.59	

18 - 11/10/2019: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.85	0.00	0.00	52.59	808,800.00 *gal*
Application event totals		0.85	0.00	0.00	52.59	

07/28/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.85	0.00	0.00	52.59	808,800.00 *gal*
Application event totals		0.85	0.00	0.00	52.59	

07/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.85	0.00	0.00	52.59	808,800.00 *gal*
Application event totals		0.85	0.00	0.00	52.59	

08/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.16	0.00	0.00	49.89	767,220.00 *gal*
Application event totals		1.16	0.00	0.00	49.89	

08/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.07	0.00	0.00	11.80	955,320.00 *gal*
Application event totals		0.07	0.00	0.00	11.80	

10/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.05	0.00	0.00	67.80	992,940.00 *gal*
Application event totals		1.05	0.00	0.00	67.80	

18 - 11/10/2019: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/20/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.94	0.00	0.00	60.66	888,420.00 *gal*
Application event totals		0.94	0.00	0.00	60.66	

10/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.03	0.00	0.00	4.97	402,240.00 *gal*
Application event totals		0.03	0.00	0.00	4.97	

10/20/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.03	0.00	0.00	4.97	402,240.00 *gal*
Application event totals		0.03	0.00	0.00	4.97	

10/21/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.03	0.00	0.00	4.97	402,240.00 *gal*
Application event totals		0.03	0.00	0.00	4.97	

10/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.16	0.00	0.00	49.89	767,200.00 *gal*
Application event totals		1.16	0.00	0.00	49.89	

10/20/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.16	0.00	0.00	49.89	767,200.00 *gal*
Application event totals		1.16	0.00	0.00	49.89	

18 - 11/10/2019: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/21/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.16	0.00	0.00	49.89	767,200.00 *gal*
Application event totals		1.16	0.00	0.00	49.89	

10/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.11	0.00	0.00	19.26	1,558,680.00 *gal*
Application event totals		0.11	0.00	0.00	19.26	

10/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.11	0.00	0.00	19.26	1,558,680.00 *gal*
Application event totals		0.11	0.00	0.00	19.26	

10/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.11	0.00	0.00	18.64	1,508,400.00 *gal*
Application event totals		0.11	0.00	0.00	18.64	

10/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.16	0.00	0.00	49.89	767,200.00 *gal*
Application event totals		1.16	0.00	0.00	49.89	

10/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.16	0.00	0.00	49.89	767,200.00 *gal*
Application event totals		1.16	0.00	0.00	49.89	

18 - 11/10/2019: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.16	0.00	0.00	49.89	767,200.00 *gal*
Application event totals		1.16	0.00	0.00	49.89	

10/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.16	0.00	0.00	49.89	767,200.00 *gal*
Application event totals		1.16	0.00	0.00	49.89	

10/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.16	0.00	0.00	49.89	767,200.00 *gal*
Application event totals		1.16	0.00	0.00	49.89	

10/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.16	0.00	0.00	49.89	767,200.00 *gal*
Application event totals		1.16	0.00	0.00	49.89	

10/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.13	0.00	0.00	7.18	162,480.00 *gal*
Application event totals		0.13	0.00	0.00	7.18	

10/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.64	0.00	0.00	34.13	771,780.00 *gal*
Application event totals		0.64	0.00	0.00	34.13	

18 - 11/10/2019: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.64	0.00	0.00	34.13	771,780.00 *gal*
Application event totals		0.64	0.00	0.00	34.13	

10/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.64	0.00	0.00	34.13	771,780.00 *gal*
Application event totals		0.64	0.00	0.00	34.13	

19 - 12/05/2022: Alfalfa/Wheat Mix Hay

Field name: 19

Crop: Alfalfa/Wheat Mix Hay

Plant date: 12/05/2022

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
03/08/2023	Surface (irrigation)	No precipitation	No precipitation	Steady rain

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.31	0.00	0.00	28.36	1,175,400.00 *gal*
Application event totals		0.31	0.00	0.00	28.36	

03/08/2023	Surface (irrigation)	No precipitation	No precipitation	Steady rain

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	4.46	0.27	2.03	13.75	120,240.00 *gal*
Application event totals		4.46	0.27	2.03	13.75	

03/13/2023	Surface (irrigation)	Light rain	Steady rain	Light rain

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.09	0.00	0.00	8.51	352,620.00 *gal*
Application event totals		0.09	0.00	0.00	8.51	

19 - 12/05/2022: Alfalfa/Wheat Mix Hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
03/13/2023	Surface (irrigation)	No precipitation	Steady rain	Light rain

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	2.98	0.18	1.35	9.16	80,160.00 *gal*
Application event totals		2.98	0.18	1.35	9.16	

19 - 11/28/2023: Winter Forage

Field name: 19

Crop: Winter Forage

Plant date: 11/28/2023

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
11/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	5.96	0.00	0.00	319.93	7,799,040.00 *gal*
Application event totals		5.96	0.00	0.00	319.93	

11/28/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	8.48	0.00	0.00	524.50	8,694,600.00 *gal*
Application event totals		8.48	0.00	0.00	524.50	

11/28/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	122.24	11,919,600.00 *gal*
Application event totals		0.00	0.00	0.00	122.24	

2 - 05/01/1993: Raisins

Field name: 2

Crop: Raisins

Plant date: 05/01/1993

No nutrient budget entered for this crop.

20 - 10/23/2021: Alfalfa, hay

Field name: 20

Crop: Alfalfa, hay

Plant date: 10/23/2021

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
04/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	1.85	0.00	0.00	99.29	2,274,720.00 *gal*
Application event totals		1.85	0.00	0.00	99.29	

04/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.38	0.00	0.00	23.36	363,960.00 *gal*
Application event totals		0.38	0.00	0.00	23.36	

04/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.80	0.00	0.00	49.32	768,360.00 *gal*
Application event totals		0.80	0.00	0.00	49.32	

04/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.84	0.00	0.00	51.92	808,800.00 *gal*
Application event totals		0.84	0.00	0.00	51.92	

04/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	22.70	1,607,040.00 *gal*
Application event totals		0.00	0.00	0.00	22.70	

20 - 10/23/2021: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.88	0.00	0.00	54.51	849,240.00 *gal*
Application event totals		0.88	0.00	0.00	54.51	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.88	0.00	0.00	54.51	849,240.00 *gal*
Application event totals		0.88	0.00	0.00	54.51	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.76	0.00	0.00	46.73	727,920.00 *gal*
Application event totals		0.76	0.00	0.00	46.73	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	4.23	388,080.00 *gal*
Application event totals		0.00	0.00	0.00	4.23	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	12.70	1,164,240.00 *gal*
Application event totals		0.00	0.00	0.00	12.70	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	10.28	942,480.00 *gal*
Application event totals		0.00	0.00	0.00	10.28	

20 - 10/23/2021: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	12.70	1,164,240.00 *gal*
Application event totals		0.00	0.00	0.00	12.70	

05/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	1.49	0.00	0.00	79.79	1,827,900.00 *gal*
Application event totals		1.49	0.00	0.00	79.79	

05/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.63	0.00	0.00	33.69	771,780.00 *gal*
Application event totals		0.63	0.00	0.00	33.69	

05/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.42	0.00	0.00	25.96	404,400.00 *gal*
Application event totals		0.42	0.00	0.00	25.96	

05/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.84	0.00	0.00	51.92	808,800.00 *gal*
Application event totals		0.84	0.00	0.00	51.92	

05/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.30	0.00	0.00	15.96	365,580.00 *gal*
Application event totals		0.30	0.00	0.00	15.96	

20 - 10/23/2021: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.69	0.00	0.00	37.23	853,020.00 *gal*
Application event totals		0.69	0.00	0.00	37.23	

05/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	6.65	609,840.00 *gal*
Application event totals		0.00	0.00	0.00	6.65	

05/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	12.70	1,164,240.00 *gal*
Application event totals		0.00	0.00	0.00	12.70	

06/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.84	0.00	0.00	51.92	808,800.00 *gal*
Application event totals		0.84	0.00	0.00	51.92	

06/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	4.94	480,600.00 *gal*
Application event totals		0.00	0.00	0.00	4.94	

06/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	10.42	1,014,600.00 *gal*
Application event totals		0.00	0.00	0.00	10.42	

20 - 10/23/2021: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	9.68	887,040.00 *gal*
Application event totals		0.00	0.00	0.00	9.68	

06/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	6.03	587,400.00 *gal*
Application event totals		0.00	0.00	0.00	6.03	

06/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.52	1,121,400.00 *gal*
Application event totals		0.00	0.00	0.00	11.52	

06/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.52	1,121,400.00 *gal*
Application event totals		0.00	0.00	0.00	11.52	

06/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	6.65	609,840.00 *gal*
Application event totals		0.00	0.00	0.00	6.65	

06/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	12.70	1,164,240.00 *gal*
Application event totals		0.00	0.00	0.00	12.70	

20 - 10/23/2021: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.46	0.00	0.00	28.56	444,840.00 *gal*
Application event totals		0.46	0.00	0.00	28.56	

06/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.84	0.00	0.00	51.92	808,800.00 *gal*
Application event totals		0.84	0.00	0.00	51.92	

07/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	4.84	443,520.00 *gal*
Application event totals		0.00	0.00	0.00	4.84	

07/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	11.49	1,053,360.00 *gal*
Application event totals		0.00	0.00	0.00	11.49	

07/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	11.49	1,053,360.00 *gal*
Application event totals		0.00	0.00	0.00	11.49	

07/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	4.39	427,200.00 *gal*
Application event totals		0.00	0.00	0.00	4.39	

20 - 10/23/2021: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	10.97	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	10.97	

07/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	10.97	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	10.97	

07/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	10.97	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	10.97	

07/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	10.97	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	10.97	

07/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.26	0.00	0.00	14.18	324,960.00 *gal*
Application event totals		0.26	0.00	0.00	14.18	

07/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.66	0.00	0.00	35.46	812,400.00 *gal*
Application event totals		0.66	0.00	0.00	35.46	

20 - 10/23/2021: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.66	0.00	0.00	35.46	812,400.00 *gal*
Application event totals		0.66	0.00	0.00	35.46	

07/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.66	0.00	0.00	35.46	812,400.00 *gal*
Application event totals		0.66	0.00	0.00	35.46	

07/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.66	0.00	0.00	35.46	812,400.00 *gal*
Application event totals		0.66	0.00	0.00	35.46	

07/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.66	0.00	0.00	35.46	812,400.00 *gal*
Application event totals		0.66	0.00	0.00	35.46	

07/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.80	0.00	0.00	49.32	768,360.00 *gal*
Application event totals		0.80	0.00	0.00	49.32	

07/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.80	0.00	0.00	49.32	768,360.00 *gal*
Application event totals		0.80	0.00	0.00	49.32	

20 - 10/23/2021: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.80	0.00	0.00	49.32	768,360.00 *gal*
Application event totals		0.80	0.00	0.00	49.32	

07/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.80	0.00	0.00	49.32	768,360.00 *gal*
Application event totals		0.80	0.00	0.00	49.32	

07/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.80	0.00	0.00	49.32	768,360.00 *gal*
Application event totals		0.80	0.00	0.00	49.32	

07/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.38	0.00	0.00	23.36	363,960.00 *gal*
Application event totals		0.38	0.00	0.00	23.36	

07/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.66	0.00	0.00	35.46	812,400.00 *gal*
Application event totals		0.66	0.00	0.00	35.46	

07/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.80	0.00	0.00	49.32	768,360.00 *gal*
Application event totals		0.80	0.00	0.00	49.32	

20 - 10/23/2021: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-3	Ground water	0.00	0.00	0.00	7.29	454,140.00 *gal*
Application event totals		0.00	0.00	0.00	7.29	

09/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.30	0.00	0.00	15.96	365,580.00 *gal*
Application event totals		0.30	0.00	0.00	15.96	

09/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.63	0.00	0.00	33.69	771,780.00 *gal*
Application event totals		0.63	0.00	0.00	33.69	

09/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.84	0.00	0.00	51.92	808,800.00 *gal*
Application event totals		0.84	0.00	0.00	51.92	

09/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.84	0.00	0.00	51.92	808,800.00 *gal*
Application event totals		0.84	0.00	0.00	51.92	

09/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.63	0.00	0.00	33.69	771,780.00 *gal*
Application event totals		0.63	0.00	0.00	33.69	

20 - 10/23/2021: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.63	0.00	0.00	33.69	771,780.00 *gal*
Application event totals		0.63	0.00	0.00	33.69	

09/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.63	0.00	0.00	33.69	771,780.00 *gal*
Application event totals		0.63	0.00	0.00	33.69	

09/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.63	0.00	0.00	33.69	771,780.00 *gal*
Application event totals		0.63	0.00	0.00	33.69	

09/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.63	0.00	0.00	33.69	771,780.00 *gal*
Application event totals		0.63	0.00	0.00	33.69	

09/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.63	0.00	0.00	33.69	771,780.00 *gal*
Application event totals		0.63	0.00	0.00	33.69	

09/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.63	0.00	0.00	33.69	771,780.00 *gal*
Application event totals		0.63	0.00	0.00	33.69	

20 - 10/23/2021: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	11.49	1,053,360.00 *gal*
Application event totals		0.00	0.00	0.00	11.49	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	11.49	1,053,360.00 *gal*
Application event totals		0.00	0.00	0.00	11.49	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	11.49	1,053,360.00 *gal*
Application event totals		0.00	0.00	0.00	11.49	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	11.49	1,053,360.00 *gal*
Application event totals		0.00	0.00	0.00	11.49	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	11.49	1,053,360.00 *gal*
Application event totals		0.00	0.00	0.00	11.49	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	11.49	1,053,360.00 *gal*
Application event totals		0.00	0.00	0.00	11.49	

20 - 10/23/2021: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.84	0.00	0.00	51.92	808,800.00 *gal*
Application event totals		0.84	0.00	0.00	51.92	

09/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.84	0.00	0.00	51.92	808,800.00 *gal*
Application event totals		0.84	0.00	0.00	51.92	

09/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.84	0.00	0.00	51.92	808,800.00 *gal*
Application event totals		0.84	0.00	0.00	51.92	

09/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.84	0.00	0.00	51.92	808,800.00 *gal*
Application event totals		0.84	0.00	0.00	51.92	

09/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.84	0.00	0.00	51.92	808,800.00 *gal*
Application event totals		0.84	0.00	0.00	51.92	

09/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.84	0.00	0.00	51.92	808,800.00 *gal*
Application event totals		0.84	0.00	0.00	51.92	

20 - 10/23/2021: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.84	0.00	0.00	51.92	808,800.00 *gal*
Application event totals		0.84	0.00	0.00	51.92	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-3	Ground water	0.00	0.00	0.00	4.86	302,760.00 *gal*
Application event totals		0.00	0.00	0.00	4.86	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-3	Ground water	0.00	0.00	0.00	15.39	958,740.00 *gal*
Application event totals		0.00	0.00	0.00	15.39	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	30.29	2,775,300.00 *gal*
Application event totals		0.00	0.00	0.00	30.29	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-3	Ground water	0.00	0.00	0.00	5.67	353,220.00 *gal*
Application event totals		0.00	0.00	0.00	5.67	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-3	Ground water	0.00	0.00	0.00	16.20	1,009,200.00 *gal*
Application event totals		0.00	0.00	0.00	16.20	

20 - 10/23/2021: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-3	Ground water	0.00	0.00	0.00	16.20	1,009,200.00 *gal*
Application event totals		0.00	0.00	0.00	16.20	

10/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-3	Ground water	0.00	0.00	0.00	16.20	1,009,200.00 *gal*
Application event totals		0.00	0.00	0.00	16.20	

10/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-3	Ground water	0.00	0.00	0.00	16.20	1,009,200.00 *gal*
Application event totals		0.00	0.00	0.00	16.20	

10/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	11.49	1,053,360.00 *gal*
Application event totals		0.00	0.00	0.00	11.49	

10/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	11.49	1,053,360.00 *gal*
Application event totals		0.00	0.00	0.00	11.49	

10/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	11.49	1,053,360.00 *gal*
Application event totals		0.00	0.00	0.00	11.49	

20 - 10/23/2021: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-3	Ground water	0.00	0.00	0.00	44.54	2,775,300.00 *gal*
Application event totals		0.00	0.00	0.00	44.54	

10/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.63	0.00	0.00	33.69	771,780.00 *gal*
Application event totals		0.63	0.00	0.00	33.69	

10/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.63	0.00	0.00	33.69	771,780.00 *gal*
Application event totals		0.63	0.00	0.00	33.69	

10/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.63	0.00	0.00	33.69	771,780.00 *gal*
Application event totals		0.63	0.00	0.00	33.69	

10/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.63	0.00	0.00	33.69	771,780.00 *gal*
Application event totals		0.63	0.00	0.00	33.69	

10/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.63	0.00	0.00	33.69	771,780.00 *gal*
Application event totals		0.63	0.00	0.00	33.69	

20 - 10/23/2021: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.63	0.00	0.00	33.69	771,780.00 *gal*
Application event totals		0.63	0.00	0.00	33.69	

10/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.63	0.00	0.00	33.69	771,780.00 *gal*
Application event totals		0.63	0.00	0.00	33.69	

10/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.84	0.00	0.00	51.92	808,800.00 *gal*
Application event totals		0.84	0.00	0.00	51.92	

10/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.84	0.00	0.00	51.92	808,800.00 *gal*
Application event totals		0.84	0.00	0.00	51.92	

10/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.84	0.00	0.00	51.92	808,800.00 *gal*
Application event totals		0.84	0.00	0.00	51.92	

10/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.84	0.00	0.00	51.92	808,800.00 *gal*
Application event totals		0.84	0.00	0.00	51.92	

20 - 10/23/2021: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.84	0.00	0.00	51.92	808,800.00 *gal*
Application event totals		0.84	0.00	0.00	51.92	

10/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.84	0.00	0.00	51.92	808,800.00 *gal*
Application event totals		0.84	0.00	0.00	51.92	

10/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.84	0.00	0.00	51.92	808,800.00 *gal*
Application event totals		0.84	0.00	0.00	51.92	

12/22/2023	Surface (irrigation)	Light rain	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.07	0.00	0.00	6.04	235,080.00 *gal*
Application event totals		0.07	0.00	0.00	6.04	

12/22/2023	Surface (irrigation)	Light rain	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	5.60	0.62	3.90	22.68	60,120.00 *gal*
Application event totals		5.60	0.62	3.90	22.68	

12/18/2023	Surface (irrigation)	Light rain	No precipitation	Steady rain

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.08	0.00	0.00	7.04	274,260.00 *gal*
Application event totals		0.08	0.00	0.00	7.04	

20 - 10/23/2021: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
12/18/2023	Surface (irrigation)	No precipitation	No precipitation	Steady rain

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	6.53	0.72	4.55	26.46	70,140.00 *gal*
Application event totals		6.53	0.72	4.55	26.46	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
12/30/2023	Surface (irrigation)	No precipitation	Steady rain	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.05	0.00	0.00	5.03	195,900.00 *gal*
Application event totals		0.05	0.00	0.00	5.03	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
12/30/2023	Surface (irrigation)	No precipitation	Steady rain	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	5.60	0.62	3.90	22.69	60,160.00 *gal*
Application event totals		5.60	0.62	3.90	22.69	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
12/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.07	0.00	0.00	6.04	235,080.00 *gal*
Application event totals		0.07	0.00	0.00	6.04	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
12/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	5.60	0.62	3.90	22.68	60,120.00 *gal*
Application event totals		5.60	0.62	3.90	22.68	

21 - 11/04/2021: Alfalfa, hay

Field name: 21

Crop: Alfalfa, hay

Plant date: 11/04/2021

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following

21 - 11/04/2021: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.85	0.00	0.00	52.59	808,800.00 *gal*
Application event totals		0.85	0.00	0.00	52.59	

05/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.85	0.00	0.00	52.59	808,800.00 *gal*
Application event totals		0.85	0.00	0.00	52.59	

05/18/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.85	0.00	0.00	52.59	808,800.00 *gal*
Application event totals		0.85	0.00	0.00	52.59	

05/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.85	0.00	0.00	52.59	808,800.00 *gal*
Application event totals		0.85	0.00	0.00	52.59	

05/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	5.56	534,000.00 *gal*
Application event totals		0.00	0.00	0.00	5.56	

05/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.67	1,121,400.00 *gal*
Application event totals		0.00	0.00	0.00	11.67	

21 - 11/04/2021: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.67	1,121,400.00 *gal*
Application event totals		0.00	0.00	0.00	11.67	

05/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.67	1,121,400.00 *gal*
Application event totals		0.00	0.00	0.00	11.67	

05/18/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.67	1,121,400.00 *gal*
Application event totals		0.00	0.00	0.00	11.67	

05/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	10.56	1,014,600.00 *gal*
Application event totals		0.00	0.00	0.00	10.56	

05/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.85	0.00	0.00	52.59	808,800.00 *gal*
Application event totals		0.85	0.00	0.00	52.59	

05/21/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.85	0.00	0.00	52.59	808,800.00 *gal*
Application event totals		0.85	0.00	0.00	52.59	

21 - 11/04/2021: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.43	0.00	0.00	26.30	404,400.00 *gal*
Application event totals		0.43	0.00	0.00	26.30	

05/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	6.11	587,400.00 *gal*
Application event totals		0.00	0.00	0.00	6.11	

05/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.67	1,121,400.00 *gal*
Application event totals		0.00	0.00	0.00	11.67	

06/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.70	0.00	0.00	37.72	853,020.00 *gal*
Application event totals		0.70	0.00	0.00	37.72	

06/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.70	0.00	0.00	37.72	853,020.00 *gal*
Application event totals		0.70	0.00	0.00	37.72	

06/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.37	0.00	0.00	19.76	446,820.00 *gal*
Application event totals		0.37	0.00	0.00	19.76	

21 - 11/04/2021: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.37	0.00	0.00	19.76	446,820.00 *gal*
Application event totals		0.37	0.00	0.00	19.76	

06/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.67	1,121,400.00 *gal*
Application event totals		0.00	0.00	0.00	11.67	

06/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	0.56	53,400.00 *gal*
Application event totals		0.00	0.00	0.00	0.56	

06/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.67	1,121,400.00 *gal*
Application event totals		0.00	0.00	0.00	11.67	

06/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	13.33	1,281,600.00 *gal*
Application event totals		0.00	0.00	0.00	13.33	

06/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	13.33	1,281,600.00 *gal*
Application event totals		0.00	0.00	0.00	13.33	

21 - 11/04/2021: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	5.00	480,600.00 *gal*
Application event totals		0.00	0.00	0.00	5.00	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.70	0.00	0.00	37.72	853,020.00 *gal*
Application event totals		0.70	0.00	0.00	37.72	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.37	0.00	0.00	19.76	446,820.00 *gal*
Application event totals		0.37	0.00	0.00	19.76	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	6.11	587,400.00 *gal*
Application event totals		0.00	0.00	0.00	6.11	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	6.11	587,400.00 *gal*
Application event totals		0.00	0.00	0.00	6.11	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	6.11	587,400.00 *gal*
Application event totals		0.00	0.00	0.00	6.11	

21 - 11/04/2021: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/14/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	6.11	587,400.00 *gal*
Application event totals		0.00	0.00	0.00	6.11	

06/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	6.11	587,400.00 *gal*
Application event totals		0.00	0.00	0.00	6.11	

06/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	6.11	587,400.00 *gal*
Application event totals		0.00	0.00	0.00	6.11	

06/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	6.11	587,400.00 *gal*
Application event totals		0.00	0.00	0.00	6.11	

06/18/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	6.11	587,400.00 *gal*
Application event totals		0.00	0.00	0.00	6.11	

06/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	6.11	587,400.00 *gal*
Application event totals		0.00	0.00	0.00	6.11	

21 - 11/04/2021: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/20/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	6.11	587,400.00 *gal*
Application event totals		0.00	0.00	0.00	6.11	

06/21/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	5.56	534,000.00 *gal*
Application event totals		0.00	0.00	0.00	5.56	

06/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	6.11	587,400.00 *gal*
Application event totals		0.00	0.00	0.00	6.11	

06/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	6.11	587,400.00 *gal*
Application event totals		0.00	0.00	0.00	6.11	

06/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	5.56	534,000.00 *gal*
Application event totals		0.00	0.00	0.00	5.56	

06/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	6.11	587,400.00 *gal*
Application event totals		0.00	0.00	0.00	6.11	

21 - 11/04/2021: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	6.11	587,400.00 *gal*
Application event totals		0.00	0.00	0.00	6.11	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	6.11	587,400.00 *gal*
Application event totals		0.00	0.00	0.00	6.11	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.11	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.11	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.11	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.11	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.11	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.11	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.11	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.11	

21 - 11/04/2021: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.11	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.11	

07/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	6.11	587,400.00 *gal*
Application event totals		0.00	0.00	0.00	6.11	

07/14/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	6.11	587,400.00 *gal*
Application event totals		0.00	0.00	0.00	6.11	

07/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	6.11	587,400.00 *gal*
Application event totals		0.00	0.00	0.00	6.11	

07/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.11	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.11	

07/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	5.56	534,000.00 *gal*
Application event totals		0.00	0.00	0.00	5.56	

21 - 11/04/2021: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/18/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	0.56	53,400.00 *gal*
Application event totals		0.00	0.00	0.00	0.56	

07/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	5.56	534,000.00 *gal*
Application event totals		0.00	0.00	0.00	5.56	

07/20/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	5.56	534,000.00 *gal*
Application event totals		0.00	0.00	0.00	5.56	

07/21/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	5.56	534,000.00 *gal*
Application event totals		0.00	0.00	0.00	5.56	

07/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	5.56	534,000.00 *gal*
Application event totals		0.00	0.00	0.00	5.56	

07/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	6.11	587,400.00 *gal*
Application event totals		0.00	0.00	0.00	6.11	

21 - 11/04/2021: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	6.11	587,400.00 *gal*
Application event totals		0.00	0.00	0.00	6.11	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.11	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.11	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/31/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.11	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.11	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.11	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.11	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	6.11	587,400.00 *gal*
Application event totals		0.00	0.00	0.00	6.11	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	2.78	267,000.00 *gal*
Application event totals		0.00	0.00	0.00	2.78	

21 - 11/04/2021: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.11	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.11	

08/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.13	0.00	0.00	7.18	162,480.00 *gal*
Application event totals		0.13	0.00	0.00	7.18	

08/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.64	0.00	0.00	34.13	771,780.00 *gal*
Application event totals		0.64	0.00	0.00	34.13	

08/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.11	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.11	

08/14/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.11	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.11	

08/15/2023	Pipeline	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.11	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.11	

21 - 11/04/2021: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.11	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.11	

08/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.64	0.00	0.00	34.13	771,780.00 *gal*
Application event totals		0.64	0.00	0.00	34.13	

08/14/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.64	0.00	0.00	34.13	771,780.00 *gal*
Application event totals		0.64	0.00	0.00	34.13	

09/20/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.11	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.11	

09/21/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.11	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.11	

09/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.11	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.11	

21 - 11/04/2021: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.11	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.11	

09/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.11	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.11	

09/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.11	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.11	

09/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.11	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.11	

10/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	3.89	373,800.00 *gal*
Application event totals		0.00	0.00	0.00	3.89	

10/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.11	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.11	

21 - 11/04/2021: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/20/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.11	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.11	

10/21/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.11	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.11	

10/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.11	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.11	

10/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.11	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.11	

10/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.11	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.11	

10/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.11	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.11	

21 - 11/04/2021: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.11	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.11	

10/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	1.11	106,800.00 *gal*
Application event totals		0.00	0.00	0.00	1.11	

10/28/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.11	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.11	

10/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.11	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.11	

10/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.11	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.11	

10/31/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	11.11	1,068,000.00 *gal*
Application event totals		0.00	0.00	0.00	11.11	

21 - 11/04/2021: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
12/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	0.21	0.00	0.00	18.94	351,000.00 *gal*
Application event totals		0.21	0.00	0.00	18.94	

12/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	6.62	0.73	4.61	26.80	70,140.00 *gal*
Application event totals		6.62	0.73	4.61	26.80	

12/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	0.19	0.00	0.00	16.84	312,000.00 *gal*
Application event totals		0.19	0.00	0.00	16.84	

12/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	6.62	0.73	4.61	26.80	70,140.00 *gal*
Application event totals		6.62	0.73	4.61	26.80	

12/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.09	0.00	0.00	8.15	313,440.00 *gal*
Application event totals		0.09	0.00	0.00	8.15	

12/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	7.56	0.83	5.26	30.63	80,160.00 *gal*
Application event totals		7.56	0.83	5.26	30.63	

21 - 11/04/2021: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
12/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	0.21	0.00	0.00	18.94	351,000.00 *gal*
Application event totals		0.21	0.00	0.00	18.94	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
12/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	7.56	0.83	5.26	30.63	80,160.00 *gal*
Application event totals		7.56	0.83	5.26	30.63	

22A - 06/15/2023: Sorghum Silage

Field name: 22A

Crop: Sorghum Silage

Plant date: 06/15/2023

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.35	0.00	0.00	18.68	312,774.00 *gal*
Application event totals		0.35	0.00	0.00	18.68	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.35	0.00	0.00	18.68	312,774.00 *gal*
Application event totals		0.35	0.00	0.00	18.68	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.35	0.00	0.00	18.68	312,774.00 *gal*
Application event totals		0.35	0.00	0.00	18.68	

22A - 06/15/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.35	0.00	0.00	18.68	312,774.00 *gal*
Application event totals		0.35	0.00	0.00	18.68	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	5.20	370,062.00 *gal*
Application event totals		0.00	0.00	0.00	5.20	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	5.78	411,180.00 *gal*
Application event totals		0.00	0.00	0.00	5.78	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	5.78	411,180.00 *gal*
Application event totals		0.00	0.00	0.00	5.78	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/14/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	6.36	452,298.00 *gal*
Application event totals		0.00	0.00	0.00	6.36	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	6.36	452,298.00 *gal*
Application event totals		0.00	0.00	0.00	6.36	

22A - 06/15/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	6.36	452,298.00 *gal*
Application event totals		0.00	0.00	0.00	6.36	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/18/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	6.36	452,298.00 *gal*
Application event totals		0.00	0.00	0.00	6.36	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	5.20	370,062.00 *gal*
Application event totals		0.00	0.00	0.00	5.20	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	6.36	452,298.00 *gal*
Application event totals		0.00	0.00	0.00	6.36	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	5.78	411,180.00 *gal*
Application event totals		0.00	0.00	0.00	5.78	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	5.78	411,180.00 *gal*
Application event totals		0.00	0.00	0.00	5.78	

22A - 06/15/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	5.78	411,180.00 *gal*
Application event totals		0.00	0.00	0.00	5.78	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/28/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	6.36	452,298.00 *gal*
Application event totals		0.00	0.00	0.00	6.36	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	6.36	452,298.00 *gal*
Application event totals		0.00	0.00	0.00	6.36	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	86.11	6,126,582.00 *gal*
Application event totals		0.00	0.00	0.00	86.11	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	5.20	370,062.00 *gal*
Application event totals		0.00	0.00	0.00	5.20	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	86.11	6,126,582.00 *gal*
Application event totals		0.00	0.00	0.00	86.11	

22A - 06/15/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/20/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	5.20	370,062.00 *gal*
Application event totals		0.00	0.00	0.00	5.20	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/21/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	5.78	411,180.00 *gal*
Application event totals		0.00	0.00	0.00	5.78	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	111.54	7,935,774.00 *gal*
Application event totals		0.00	0.00	0.00	111.54	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.09	0.00	0.00	8.48	241,350.00 *gal*
Application event totals		0.09	0.00	0.00	8.48	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	6.88	0.76	4.79	27.88	54,010.00 *gal*
Application event totals		6.88	0.76	4.79	27.88	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.08	0.00	0.00	7.42	211,180.00 *gal*
Application event totals		0.08	0.00	0.00	7.42	

22A - 06/15/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	4.47	0.62	3.23	20.09	46,290.00 *gal*
Application event totals		4.47	0.62	3.23	20.09	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/17/2023	Pipeline	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.08	0.00	0.00	7.42	211,180.00 *gal*
Application event totals		0.08	0.00	0.00	7.42	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	4.47	0.62	3.23	20.09	46,290.00 *gal*
Application event totals		4.47	0.62	3.23	20.09	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/18/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.09	0.00	0.00	8.48	241,350.00 *gal*
Application event totals		0.09	0.00	0.00	8.48	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/18/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	5.22	0.73	3.77	23.44	54,010.00 *gal*
Application event totals		5.22	0.73	3.77	23.44	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	97.67	6,948,942.00 *gal*
Application event totals		0.00	0.00	0.00	97.67	

22A - 06/15/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	52.01	3,700,620.00 *gal*
Application event totals		0.00	0.00	0.00	52.01	

22B - 07/13/2023: Sorghum Silage

Field name: 22B

Crop: Sorghum Silage

Plant date: 07/13/2023

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.35	0.00	0.00	18.71	93,426.00 *gal*
Application event totals		0.35	0.00	0.00	18.71	

06/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.35	0.00	0.00	18.71	93,426.00 *gal*
Application event totals		0.35	0.00	0.00	18.71	

06/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.35	0.00	0.00	18.71	93,426.00 *gal*
Application event totals		0.35	0.00	0.00	18.71	

06/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.35	0.00	0.00	18.71	93,426.00 *gal*
Application event totals		0.35	0.00	0.00	18.71	

22B - 07/13/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	5.21	110,538.00 *gal*
Application event totals		0.00	0.00	0.00	5.21	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	5.79	122,820.00 *gal*
Application event totals		0.00	0.00	0.00	5.79	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	5.79	122,820.00 *gal*
Application event totals		0.00	0.00	0.00	5.79	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/14/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	6.37	135,102.00 *gal*
Application event totals		0.00	0.00	0.00	6.37	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	6.37	135,102.00 *gal*
Application event totals		0.00	0.00	0.00	6.37	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	6.37	135,102.00 *gal*
Application event totals		0.00	0.00	0.00	6.37	

22B - 07/13/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/18/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	6.37	135,102.00 *gal*
Application event totals		0.00	0.00	0.00	6.37	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	5.21	110,538.00 *gal*
Application event totals		0.00	0.00	0.00	5.21	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/20/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	5.21	110,538.00 *gal*
Application event totals		0.00	0.00	0.00	5.21	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/21/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	5.79	122,820.00 *gal*
Application event totals		0.00	0.00	0.00	5.79	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	5.21	110,538.00 *gal*
Application event totals		0.00	0.00	0.00	5.21	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	6.37	135,102.00 *gal*
Application event totals		0.00	0.00	0.00	6.37	

22B - 07/13/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	5.79	122,820.00 *gal*
Application event totals		0.00	0.00	0.00	5.79	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	5.79	122,820.00 *gal*
Application event totals		0.00	0.00	0.00	5.79	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	5.79	122,820.00 *gal*
Application event totals		0.00	0.00	0.00	5.79	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/28/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	6.37	135,102.00 *gal*
Application event totals		0.00	0.00	0.00	6.37	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	6.37	135,102.00 *gal*
Application event totals		0.00	0.00	0.00	6.37	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	86.24	1,830,018.00 *gal*
Application event totals		0.00	0.00	0.00	86.24	

22B - 07/13/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	86.24	1,830,018.00 *gal*
Application event totals		0.00	0.00	0.00	86.24	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	111.71	2,370,426.00 *gal*
Application event totals		0.00	0.00	0.00	111.71	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.09	0.00	0.00	8.49	72,090.00 *gal*
Application event totals		0.09	0.00	0.00	8.49	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	5.22	0.73	3.78	23.47	16,130.00 *gal*
Application event totals		5.22	0.73	3.78	23.47	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.08	0.00	0.00	7.43	63,080.00 *gal*
Application event totals		0.08	0.00	0.00	7.43	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	4.48	0.62	3.24	20.12	13,830.00 *gal*
Application event totals		4.48	0.62	3.24	20.12	

22B - 07/13/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.08	0.00	0.00	7.43	63,080.00 *gal*
Application event totals		0.08	0.00	0.00	7.43	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	4.48	0.65	3.24	20.12	13,830.00 *gal*
Application event totals		4.48	0.65	3.24	20.12	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.08	0.00	0.00	7.43	63,080.00 *gal*
Application event totals		0.08	0.00	0.00	7.43	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	4.48	0.62	3.24	20.12	13,830.00 *gal*
Application event totals		4.48	0.62	3.24	20.12	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/18/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.09	0.00	0.00	8.49	72,090.00 *gal*
Application event totals		0.09	0.00	0.00	8.49	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/18/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	5.22	0.73	3.78	23.47	16,130.00 *gal*
Application event totals		5.22	0.73	3.78	23.47	

22B - 07/13/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	97.81	2,075,658.00 *gal*
Application event totals		0.00	0.00	0.00	97.81	

10/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	52.09	1,105,380.00 *gal*
Application event totals		0.00	0.00	0.00	52.09	

23 - 02/02/2012: Almond, in shell

Field name: 23

Crop: Almond, in shell Plant date: 02/02/2012

No nutrient budget entered for this crop.

24 - 02/01/2012: Almond, in shell

Field name: 24

Crop: Almond, in shell Plant date: 02/01/2012

No nutrient budget entered for this crop.

25 - 02/01/2012: Almond, in shell

Field name: 25

Crop: Almond, in shell Plant date: 02/01/2012

No nutrient budget entered for this crop.

26 - 02/01/2012: Almond, in shell

Field name: 26

Crop: Almond, in shell Plant date: 02/01/2012

26 - 02/01/2012: Almond, in shell

No nutrient budget entered for this crop.

27 - 03/07/2022: Alfalfa, hay

Field name: 27

Crop: Alfalfa, hay

Plant date: 03/07/2022

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.24	0.00	0.00	16.39	347,220.00 *gal*
Application event totals		0.24	0.00	0.00	16.39	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.24	0.00	0.00	16.39	347,220.00 *gal*
Application event totals		0.24	0.00	0.00	16.39	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.53	0.00	0.00	36.43	771,600.00 *gal*
Application event totals		0.53	0.00	0.00	36.43	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.53	0.00	0.00	36.43	771,600.00 *gal*
Application event totals		0.53	0.00	0.00	36.43	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.48	0.00	0.00	32.79	694,440.00 *gal*
Application event totals		0.48	0.00	0.00	32.79	

27 - 03/07/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.53	0.00	0.00	36.43	771,600.00 *gal*
Application event totals		0.53	0.00	0.00	36.43	

05/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	1.52	0.00	0.00	70.60	1,260,720.00 *gal*
Application event totals		1.52	0.00	0.00	70.60	

05/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.90	0.00	0.00	41.53	741,600.00 *gal*
Application event totals		0.90	0.00	0.00	41.53	

05/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	1.34	0.00	0.00	62.29	1,112,400.00 *gal*
Application event totals		1.34	0.00	0.00	62.29	

05/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	1.34	0.00	0.00	62.29	1,112,400.00 *gal*
Application event totals		1.34	0.00	0.00	62.29	

05/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.81	0.00	0.00	37.38	667,440.00 *gal*
Application event totals		0.81	0.00	0.00	37.38	

27 - 03/07/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	2.05	0.00	0.00	87.79	1,332,540.00 *gal*
Application event totals		2.05	0.00	0.00	87.79	

05/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.24	0.00	0.00	53.21	807,600.00 *gal*
Application event totals		1.24	0.00	0.00	53.21	

05/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.24	0.00	0.00	53.21	807,600.00 *gal*
Application event totals		1.24	0.00	0.00	53.21	

05/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.24	0.00	0.00	53.21	807,600.00 *gal*
Application event totals		1.24	0.00	0.00	53.21	

05/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.12	0.00	0.00	47.89	726,840.00 *gal*
Application event totals		1.12	0.00	0.00	47.89	

05/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.27	0.00	0.00	18.22	385,800.00 *gal*
Application event totals		0.27	0.00	0.00	18.22	

27 - 03/07/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.53	0.00	0.00	36.43	771,600.00 *gal*
Application event totals		0.53	0.00	0.00	36.43	

05/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.53	0.00	0.00	36.43	771,600.00 *gal*
Application event totals		0.53	0.00	0.00	36.43	

05/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.53	0.00	0.00	36.43	771,600.00 *gal*
Application event totals		0.53	0.00	0.00	36.43	

05/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.53	0.00	0.00	36.43	771,600.00 *gal*
Application event totals		0.53	0.00	0.00	36.43	

05/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.51	0.00	0.00	34.61	733,020.00 *gal*
Application event totals		0.51	0.00	0.00	34.61	

05/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.40	0.00	0.00	18.69	333,720.00 *gal*
Application event totals		0.40	0.00	0.00	18.69	

27 - 03/07/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #25	Ground water	0.94	0.00	0.00	66.45	1,186,560.00 *gal*
Application event totals		0.94	0.00	0.00	66.45	

05/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	1.43	0.00	0.00	66.45	1,186,560.00 *gal*
Application event totals		1.43	0.00	0.00	66.45	

05/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	1.43	0.00	0.00	66.45	1,186,560.00 *gal*
Application event totals		1.43	0.00	0.00	66.45	

05/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	1.34	0.00	0.00	62.29	1,112,400.00 *gal*
Application event totals		1.34	0.00	0.00	62.29	

05/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.56	0.00	0.00	23.94	363,420.00 *gal*
Application event totals		0.56	0.00	0.00	23.94	

05/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.87	0.00	0.00	37.24	565,320.00 *gal*
Application event totals		0.87	0.00	0.00	37.24	

27 - 03/07/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.27	0.00	0.00	18.22	385,800.00 *gal*
Application event totals		0.27	0.00	0.00	18.22	

05/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.64	0.00	0.00	43.72	925,920.00 *gal*
Application event totals		0.64	0.00	0.00	43.72	

05/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.40	0.00	0.00	18.69	333,720.00 *gal*
Application event totals		0.40	0.00	0.00	18.69	

05/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	1.25	0.00	0.00	58.14	1,038,240.00 *gal*
Application event totals		1.25	0.00	0.00	58.14	

06/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	1.43	0.00	0.00	66.45	1,186,560.00 *gal*
Application event totals		1.43	0.00	0.00	66.45	

06/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	13.89	0.00	0.00	643.91	11,498,480.00 *gal*
Application event totals		13.89	0.00	0.00	643.91	

27 - 03/07/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.53	0.00	0.00	36.43	771,600.00 *gal*
Application event totals		0.53	0.00	0.00	36.43	

06/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.53	0.00	0.00	36.43	771,600.00 *gal*
Application event totals		0.53	0.00	0.00	36.43	

06/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	1.43	0.00	0.00	66.45	1,186,560.00 *gal*
Application event totals		1.43	0.00	0.00	66.45	

06/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	1.43	0.00	0.00	66.45	1,186,560.00 *gal*
Application event totals		1.43	0.00	0.00	66.45	

06/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.53	0.00	0.00	36.43	771,600.00 *gal*
Application event totals		0.53	0.00	0.00	36.43	

06/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.51	0.00	0.00	34.61	733,020.00 *gal*
Application event totals		0.51	0.00	0.00	34.61	

27 - 03/07/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.51	0.00	0.00	34.61	733,020.00 *gal*
Application event totals		0.51	0.00	0.00	34.61	

06/14/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.51	0.00	0.00	34.61	733,020.00 *gal*
Application event totals		0.51	0.00	0.00	34.61	

06/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.51	0.00	0.00	34.61	733,020.00 *gal*
Application event totals		0.51	0.00	0.00	34.61	

06/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.51	0.00	0.00	34.61	733,020.00 *gal*
Application event totals		0.51	0.00	0.00	34.61	

06/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.51	0.00	0.00	34.61	733,020.00 *gal*
Application event totals		0.51	0.00	0.00	34.61	

06/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	1.39	0.00	0.00	64.37	1,149,480.00 *gal*
Application event totals		1.39	0.00	0.00	64.37	

27 - 03/07/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	1.39	0.00	0.00	64.37	1,149,480.00 *gal*
Application event totals		1.39	0.00	0.00	64.37	

06/14/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	1.39	0.00	0.00	64.37	1,149,480.00 *gal*
Application event totals		1.39	0.00	0.00	64.37	

06/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	1.39	0.00	0.00	64.37	1,149,480.00 *gal*
Application event totals		1.39	0.00	0.00	64.37	

06/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	1.39	0.00	0.00	64.37	1,149,480.00 *gal*
Application event totals		1.39	0.00	0.00	64.37	

06/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	1.39	0.00	0.00	64.37	1,149,480.00 *gal*
Application event totals		1.39	0.00	0.00	64.37	

06/18/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.51	0.00	0.00	34.61	733,020.00 *gal*
Application event totals		0.51	0.00	0.00	34.61	

27 - 03/07/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.51	0.00	0.00	34.61	733,020.00 *gal*
Application event totals		0.51	0.00	0.00	34.61	

06/18/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	1.39	0.00	0.00	64.37	1,149,480.00 *gal*
Application event totals		1.39	0.00	0.00	64.37	

06/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.54	0.00	0.00	24.92	444,960.00 *gal*
Application event totals		0.54	0.00	0.00	24.92	

07/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.51	0.00	0.00	34.61	733,020.00 *gal*
Application event totals		0.51	0.00	0.00	34.61	

07/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.51	0.00	0.00	34.61	733,020.00 *gal*
Application event totals		0.51	0.00	0.00	34.61	

07/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.64	0.00	0.00	43.72	925,920.00 *gal*
Application event totals		0.64	0.00	0.00	43.72	

27 - 03/07/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.51	0.00	0.00	34.61	733,020.00 *gal*
Application event totals		0.51	0.00	0.00	34.61	

07/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.51	0.00	0.00	34.61	733,020.00 *gal*
Application event totals		0.51	0.00	0.00	34.61	

07/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.51	0.00	0.00	34.61	733,020.00 *gal*
Application event totals		0.51	0.00	0.00	34.61	

07/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.85	0.00	0.00	39.45	704,520.00 *gal*
Application event totals		0.85	0.00	0.00	39.45	

07/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.85	0.00	0.00	39.45	704,520.00 *gal*
Application event totals		0.85	0.00	0.00	39.45	

07/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.85	0.00	0.00	39.45	704,520.00 *gal*
Application event totals		0.85	0.00	0.00	39.45	

27 - 03/07/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.85	0.00	0.00	39.45	704,520.00 *gal*
Application event totals		0.85	0.00	0.00	39.45	

07/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.85	0.00	0.00	39.45	704,520.00 *gal*
Application event totals		0.85	0.00	0.00	39.45	

07/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.85	0.00	0.00	39.45	704,520.00 *gal*
Application event totals		0.85	0.00	0.00	39.45	

07/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.09	0.00	0.00	15.66	880,200.00 *gal*
Application event totals		0.09	0.00	0.00	15.66	

07/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.51	0.00	0.00	34.61	733,020.00 *gal*
Application event totals		0.51	0.00	0.00	34.61	

07/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.51	0.00	0.00	34.61	733,020.00 *gal*
Application event totals		0.51	0.00	0.00	34.61	

27 - 03/07/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.51	0.00	0.00	34.61	733,020.00 *gal*
Application event totals		0.51	0.00	0.00	34.61	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.40	0.00	0.00	27.32	578,700.00 *gal*
Application event totals		0.40	0.00	0.00	27.32	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.85	0.00	0.00	39.45	704,520.00 *gal*
Application event totals		0.85	0.00	0.00	39.45	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.85	0.00	0.00	39.45	704,520.00 *gal*
Application event totals		0.85	0.00	0.00	39.45	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.85	0.00	0.00	39.45	704,520.00 *gal*
Application event totals		0.85	0.00	0.00	39.45	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.63	0.00	0.00	29.07	519,120.00 *gal*
Application event totals		0.63	0.00	0.00	29.07	

27 - 03/07/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	5.81	0.81	4.20	26.09	80,160.00 *gal*
Application event totals		5.81	0.81	4.20	26.09	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	5.81	0.81	4.20	26.09	80,160.00 *gal*
Application event totals		5.81	0.81	4.20	26.09	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	6.53	0.91	4.72	29.35	90,180.00 *gal*
Application event totals		6.53	0.91	4.72	29.35	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.85	0.00	0.00	39.45	704,520.00 *gal*
Application event totals		0.85	0.00	0.00	39.45	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.85	0.00	0.00	39.45	704,520.00 *gal*
Application event totals		0.85	0.00	0.00	39.45	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.85	0.00	0.00	39.45	704,520.00 *gal*
Application event totals		0.85	0.00	0.00	39.45	

27 - 03/07/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.85	0.00	0.00	39.45	704,520.00 *gal*
Application event totals		0.85	0.00	0.00	39.45	

08/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.27	0.00	0.00	18.22	385,800.00 *gal*
Application event totals		0.27	0.00	0.00	18.22	

08/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.47	0.00	0.00	21.60	385,800.00 *gal*
Application event totals		0.47	0.00	0.00	21.60	

08/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.51	0.00	0.00	34.61	733,020.00 *gal*
Application event totals		0.51	0.00	0.00	34.61	

08/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.51	0.00	0.00	34.61	733,020.00 *gal*
Application event totals		0.51	0.00	0.00	34.61	

08/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.85	0.00	0.00	39.45	704,520.00 *gal*
Application event totals		0.85	0.00	0.00	39.45	

27 - 03/07/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.85	0.00	0.00	39.45	704,520.00 *gal*
Application event totals		0.85	0.00	0.00	39.45	

08/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.18	0.00	0.00	50.54	767,180.00 *gal*
Application event totals		1.18	0.00	0.00	50.54	

08/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.18	0.00	0.00	50.54	767,180.00 *gal*
Application event totals		1.18	0.00	0.00	50.54	

08/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.62	0.00	0.00	26.60	403,800.00 *gal*
Application event totals		0.62	0.00	0.00	26.60	

08/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.62	0.00	0.00	26.60	403,800.00 *gal*
Application event totals		0.62	0.00	0.00	26.60	

08/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.51	0.00	0.00	34.61	733,020.00 *gal*
Application event totals		0.51	0.00	0.00	34.61	

27 - 03/07/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.64	0.00	0.00	43.72	925,920.00 *gal*
Application event totals		0.64	0.00	0.00	43.72	

08/14/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.51	0.00	0.00	34.61	733,020.00 *gal*
Application event totals		0.51	0.00	0.00	34.61	

08/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.51	0.00	0.00	34.61	733,020.00 *gal*
Application event totals		0.51	0.00	0.00	34.61	

08/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.51	0.00	0.00	34.61	733,020.00 *gal*
Application event totals		0.51	0.00	0.00	34.61	

08/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.85	0.00	0.00	39.45	704,520.00 *gal*
Application event totals		0.85	0.00	0.00	39.45	

08/14/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.85	0.00	0.00	39.45	704,520.00 *gal*
Application event totals		0.85	0.00	0.00	39.45	

27 - 03/07/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.85	0.00	0.00	39.45	704,520.00 *gal*
Application event totals		0.85	0.00	0.00	39.45	

08/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.85	0.00	0.00	39.45	704,520.00 *gal*
Application event totals		0.85	0.00	0.00	39.45	

08/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.85	0.00	0.00	39.45	704,520.00 *gal*
Application event totals		0.85	0.00	0.00	39.45	

08/14/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.85	0.00	0.00	39.45	704,520.00 *gal*
Application event totals		0.85	0.00	0.00	39.45	

08/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.18	0.00	0.00	50.54	767,180.00 *gal*
Application event totals		1.18	0.00	0.00	50.54	

11/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.03	0.00	0.00	5.22	293,400.00 *gal*
Application event totals		0.03	0.00	0.00	5.22	

27 - 03/07/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
11/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.12	0.00	0.00	19.83	1,114,920.00 *gal*
Application event totals		0.12	0.00	0.00	19.83	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
11/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.12	0.00	0.00	19.83	1,114,920.00 *gal*
Application event totals		0.12	0.00	0.00	19.83	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
11/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.12	0.00	0.00	19.83	1,114,920.00 *gal*
Application event totals		0.12	0.00	0.00	19.83	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
11/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.12	0.00	0.00	19.83	1,114,920.00 *gal*
Application event totals		0.12	0.00	0.00	19.83	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
11/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.12	0.00	0.00	19.83	1,114,920.00 *gal*
Application event totals		0.12	0.00	0.00	19.83	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
11/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.12	0.00	0.00	19.83	1,114,920.00 *gal*
Application event totals		0.12	0.00	0.00	19.83	

27 - 03/07/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
11/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.12	0.00	0.00	19.83	1,114,920.00 *gal*
Application event totals		0.12	0.00	0.00	19.83	

28 - 12/09/2022: Alfalfa/Wheat Hay Mix

Field name: 28

Crop: Alfalfa/Wheat Hay Mix

Plant date: 12/09/2022

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
03/24/2023	Surface (irrigation)	Light rain	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.08	0.00	0.00	7.66	313,440.00 *gal*
Application event totals		0.08	0.00	0.00	7.66	

03/28/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.21	0.00	0.00	19.14	783,600.00 *gal*
Application event totals		0.21	0.00	0.00	19.14	

03/28/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	3.76	0.23	1.71	11.59	100,200.00 *gal*
Application event totals		3.76	0.23	1.71	11.59	

04/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.08	0.00	0.00	7.66	313,440.00 *gal*
Application event totals		0.08	0.00	0.00	7.66	

28 - 12/09/2022: Alfalfa/Wheat Hay Mix

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
04/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	3.01	0.18	1.37	9.28	80,160.00 *gal*
Application event totals		3.01	0.18	1.37	9.28	

28 - 11/29/2023: Winter Forage

Field name: 28

Crop: Winter Forage Plant date: 11/29/2023

No nutrient budget entered for this crop.

3 - 11/22/2022: Alfalfa/Wheat Mix Hay

Field name: 3

Crop: Alfalfa/Wheat Mix Hay Plant date: 11/22/2022

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
04/20/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.07	0.00	0.00	6.70	274,260.00 *gal*
Application event totals		0.07	0.00	0.00	6.70	

04/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.07	0.00	0.00	6.70	274,260.00 *gal*
Application event totals		0.07	0.00	0.00	6.70	

04/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	2.64	0.16	1.20	8.12	70,140.00 *gal*
Application event totals		2.64	0.16	1.20	8.12	

3 - 11/22/2022: Alfalfa/Wheat Mix Hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
04/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.39	0.00	0.00	16.75	274,260.00 *gal*
Application event totals		0.39	0.00	0.00	16.75	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
04/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.07	0.00	0.00	6.70	274,260.00 *gal*
Application event totals		0.07	0.00	0.00	6.70	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
04/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	3.57	0.00	0.00	20.09	70,140.00 *gal*
Application event totals		3.57	0.00	0.00	20.09	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
04/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.07	0.00	0.00	6.70	274,260.00 *gal*
Application event totals		0.07	0.00	0.00	6.70	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
04/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	3.57	0.00	0.00	20.09	70,140.00 *gal*
Application event totals		3.57	0.00	0.00	20.09	

3 - 07/15/2023: Sorghum Silage

Field name: 3

Crop: Sorghum Silage

Plant date: 07/15/2023

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following

3 - 07/15/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.06	0.00	0.00	10.04	586,800.00 *gal*
Application event totals		0.06	0.00	0.00	10.04	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.12	0.00	0.00	20.08	1,173,600.00 *gal*
Application event totals		0.12	0.00	0.00	20.08	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/31/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.12	0.00	0.00	20.08	1,173,600.00 *gal*
Application event totals		0.12	0.00	0.00	20.08	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.12	0.00	0.00	20.08	1,173,600.00 *gal*
Application event totals		0.12	0.00	0.00	20.08	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.14	0.00	0.00	24.10	1,408,320.00 *gal*
Application event totals		0.14	0.00	0.00	24.10	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.06	0.00	0.00	10.04	586,800.00 *gal*
Application event totals		0.06	0.00	0.00	10.04	

3 - 07/15/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.12	0.00	0.00	20.08	1,173,600.00 *gal*
Application event totals		0.12	0.00	0.00	20.08	

06/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.12	0.00	0.00	20.08	1,173,600.00 *gal*
Application event totals		0.12	0.00	0.00	20.08	

06/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.12	0.00	0.00	20.08	1,173,600.00 *gal*
Application event totals		0.12	0.00	0.00	20.08	

06/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.12	0.00	0.00	20.08	1,173,600.00 *gal*
Application event totals		0.12	0.00	0.00	20.08	

06/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.12	0.00	0.00	20.08	1,173,600.00 *gal*
Application event totals		0.12	0.00	0.00	20.08	

06/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.12	0.00	0.00	20.08	1,173,600.00 *gal*
Application event totals		0.12	0.00	0.00	20.08	

3 - 07/15/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.12	0.00	0.00	20.08	1,173,600.00 *gal*
Application event totals		0.12	0.00	0.00	20.08	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.11	0.00	0.00	19.08	1,114,920.00 *gal*
Application event totals		0.11	0.00	0.00	19.08	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.11	0.00	0.00	19.08	1,114,920.00 *gal*
Application event totals		0.11	0.00	0.00	19.08	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/14/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.11	0.00	0.00	19.08	1,114,920.00 *gal*
Application event totals		0.11	0.00	0.00	19.08	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.11	0.00	0.00	19.08	1,114,920.00 *gal*
Application event totals		0.11	0.00	0.00	19.08	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.11	0.00	0.00	19.08	1,114,920.00 *gal*
Application event totals		0.11	0.00	0.00	19.08	

3 - 07/15/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.11	0.00	0.00	19.08	1,114,920.00 *gal*
Application event totals		0.11	0.00	0.00	19.08	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/18/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.01	0.00	0.00	1.97	114,920.00 *gal*
Application event totals		0.01	0.00	0.00	1.97	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.08	0.00	0.00	14.06	821,520.00 *gal*
Application event totals		0.08	0.00	0.00	14.06	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.05	0.00	0.00	8.03	469,440.00 *gal*
Application event totals		0.05	0.00	0.00	8.03	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.11	0.00	0.00	19.08	1,114,920.00 *gal*
Application event totals		0.11	0.00	0.00	19.08	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.01	0.00	0.00	1.97	114,920.00 *gal*
Application event totals		0.01	0.00	0.00	1.97	

3 - 07/15/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.11	0.00	0.00	19.08	1,114,920.00 *gal*
Application event totals		0.11	0.00	0.00	19.08	

07/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.11	0.00	0.00	19.08	1,114,920.00 *gal*
Application event totals		0.11	0.00	0.00	19.08	

07/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.11	0.00	0.00	19.08	1,114,920.00 *gal*
Application event totals		0.11	0.00	0.00	19.08	

07/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.11	0.00	0.00	19.08	1,114,920.00 *gal*
Application event totals		0.11	0.00	0.00	19.08	

07/28/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.11	0.00	0.00	19.08	1,114,920.00 *gal*
Application event totals		0.11	0.00	0.00	19.08	

07/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.11	0.00	0.00	19.08	1,114,920.00 *gal*
Application event totals		0.11	0.00	0.00	19.08	

3 - 07/15/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.11	0.00	0.00	19.08	1,114,920.00 *gal*
Application event totals		0.11	0.00	0.00	19.08	

07/31/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.11	0.00	0.00	19.08	1,114,920.00 *gal*
Application event totals		0.11	0.00	0.00	19.08	

08/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.11	0.00	0.00	19.08	1,114,920.00 *gal*
Application event totals		0.11	0.00	0.00	19.08	

08/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.12	0.00	0.00	21.09	1,232,280.00 *gal*
Application event totals		0.12	0.00	0.00	21.09	

08/18/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.11	0.00	0.00	19.08	1,114,920.00 *gal*
Application event totals		0.11	0.00	0.00	19.08	

08/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.11	0.00	0.00	19.08	1,114,920.00 *gal*
Application event totals		0.11	0.00	0.00	19.08	

3 - 07/15/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/20/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.11	0.00	0.00	19.08	1,114,920.00 *gal*
Application event totals		0.11	0.00	0.00	19.08	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/21/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.11	0.00	0.00	19.08	1,114,920.00 *gal*
Application event totals		0.11	0.00	0.00	19.08	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.11	0.00	0.00	19.08	1,114,920.00 *gal*
Application event totals		0.11	0.00	0.00	19.08	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.11	0.00	0.00	19.08	1,114,920.00 *gal*
Application event totals		0.11	0.00	0.00	19.08	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.11	0.00	0.00	19.08	1,114,920.00 *gal*
Application event totals		0.11	0.00	0.00	19.08	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.01	0.00	0.00	1.97	114,920.00 *gal*
Application event totals		0.01	0.00	0.00	1.97	

3 - 07/15/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.11	0.00	0.00	19.08	1,114,920.00 *gal*
Application event totals		0.11	0.00	0.00	19.08	

08/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.11	0.00	0.00	19.08	1,114,920.00 *gal*
Application event totals		0.11	0.00	0.00	19.08	

08/28/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.11	0.00	0.00	19.08	1,114,920.00 *gal*
Application event totals		0.11	0.00	0.00	19.08	

08/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.11	0.00	0.00	19.08	1,114,920.00 *gal*
Application event totals		0.11	0.00	0.00	19.08	

09/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.11	0.00	0.00	19.08	1,114,920.00 *gal*
Application event totals		0.11	0.00	0.00	19.08	

09/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.11	0.00	0.00	19.08	1,114,920.00 *gal*
Application event totals		0.11	0.00	0.00	19.08	

3 - 07/15/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.11	0.00	0.00	19.08	1,114,920.00 *gal*
Application event totals		0.11	0.00	0.00	19.08	

09/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.11	0.00	0.00	19.08	1,114,920.00 *gal*
Application event totals		0.11	0.00	0.00	19.08	

09/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.11	0.00	0.00	19.08	1,114,920.00 *gal*
Application event totals		0.11	0.00	0.00	19.08	

09/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.11	0.00	0.00	19.08	1,114,920.00 *gal*
Application event totals		0.11	0.00	0.00	19.08	

09/14/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.11	0.00	0.00	19.08	1,114,920.00 *gal*
Application event totals		0.11	0.00	0.00	19.08	

09/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.11	0.00	0.00	19.08	1,114,920.00 *gal*
Application event totals		0.11	0.00	0.00	19.08	

3 - 07/15/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.11	0.00	0.00	19.08	1,114,920.00 *gal*
Application event totals		0.11	0.00	0.00	19.08	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.11	0.00	0.00	19.08	1,114,920.00 *gal*
Application event totals		0.11	0.00	0.00	19.08	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/18/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.11	0.00	0.00	19.08	1,114,920.00 *gal*
Application event totals		0.11	0.00	0.00	19.08	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.11	0.00	0.00	19.08	1,114,920.00 *gal*
Application event totals		0.11	0.00	0.00	19.08	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/20/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.11	0.00	0.00	19.08	1,114,920.00 *gal*
Application event totals		0.11	0.00	0.00	19.08	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/21/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.01	0.00	0.00	1.97	114,920.00 *gal*
Application event totals		0.01	0.00	0.00	1.97	

3 - 07/15/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.11	0.00	0.00	19.08	1,114,920.00 *gal*
Application event totals		0.11	0.00	0.00	19.08	

09/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.11	0.00	0.00	19.08	1,114,920.00 *gal*
Application event totals		0.11	0.00	0.00	19.08	

09/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.11	0.00	0.00	19.08	1,114,920.00 *gal*
Application event totals		0.11	0.00	0.00	19.08	

10/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.11	0.00	0.00	19.08	1,114,920.00 *gal*
Application event totals		0.11	0.00	0.00	19.08	

10/14/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.11	0.00	0.00	19.08	1,114,920.00 *gal*
Application event totals		0.11	0.00	0.00	19.08	

10/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.65	0.00	0.00	59.60	2,350,800.00 *gal*
Application event totals		0.65	0.00	0.00	59.60	

3 - 07/15/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	19.56	2.72	14.14	87.84	280,560.00 *gal*
Application event totals		19.56	2.72	14.14	87.84	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.11	0.00	0.00	19.08	1,114,920.00 *gal*
Application event totals		0.11	0.00	0.00	19.08	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.11	0.00	0.00	19.08	1,114,920.00 *gal*
Application event totals		0.11	0.00	0.00	19.08	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.11	0.00	0.00	19.08	1,114,920.00 *gal*
Application event totals		0.11	0.00	0.00	19.08	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/18/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.11	0.00	0.00	18.07	1,056,240.00 *gal*
Application event totals		0.11	0.00	0.00	18.07	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.03	0.00	0.00	4.84	402,240.00 *gal*
Application event totals		0.03	0.00	0.00	4.84	

3 - 07/15/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.03	0.00	0.00	4.84	402,240.00 *gal*
Application event totals		0.03	0.00	0.00	4.84	

3 - 12/06/2023: Winter Forage

Field name: 3

Crop: Winter Forage Plant date: 12/06/2023

No nutrient budget entered for this crop.

32 - 06/14/2023: Sorghum Silage

Field name: 32

Crop: Sorghum Silage Plant date: 06/14/2023

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	1.13	0.00	0.00	100.11	819,000.00 *gal*
Application event totals		1.13	0.00	0.00	100.11	

06/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	1.13	0.00	0.00	100.11	819,000.00 *gal*
Application event totals		1.13	0.00	0.00	100.11	

06/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.93	0.00	0.00	69.14	885,780.00 *gal*
Application event totals		0.93	0.00	0.00	69.14	

32 - 06/14/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.93	0.00	0.00	69.14	885,780.00 *gal*
Application event totals		0.93	0.00	0.00	69.14	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	0.54	0.00	0.00	47.67	390,000.00 *gal*
Application event totals		0.54	0.00	0.00	47.67	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	0.48	0.00	0.00	42.90	351,000.00 *gal*
Application event totals		0.48	0.00	0.00	42.90	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/14/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	0.48	0.00	0.00	42.90	351,000.00 *gal*
Application event totals		0.48	0.00	0.00	42.90	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/14/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	0.59	0.00	0.00	52.44	429,000.00 *gal*
Application event totals		0.59	0.00	0.00	52.44	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	0.48	0.00	0.00	42.90	351,000.00 *gal*
Application event totals		0.48	0.00	0.00	42.90	

32 - 06/14/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	0.48	0.00	0.00	42.90	351,000.00 *gal*
Application event totals		0.48	0.00	0.00	42.90	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	0.48	0.00	0.00	42.90	351,000.00 *gal*
Application event totals		0.48	0.00	0.00	42.90	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.45	0.00	0.00	32.92	421,800.00 *gal*
Application event totals		0.45	0.00	0.00	32.92	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.40	0.00	0.00	29.63	379,620.00 *gal*
Application event totals		0.40	0.00	0.00	29.63	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/14/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.40	0.00	0.00	29.63	379,620.00 *gal*
Application event totals		0.40	0.00	0.00	29.63	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.40	0.00	0.00	29.63	379,620.00 *gal*
Application event totals		0.40	0.00	0.00	29.63	

32 - 06/14/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.40	0.00	0.00	29.63	379,620.00 *gal*
Application event totals		0.40	0.00	0.00	29.63	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.40	0.00	0.00	29.63	379,620.00 *gal*
Application event totals		0.40	0.00	0.00	29.63	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/18/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	0.48	0.00	0.00	42.90	351,000.00 *gal*
Application event totals		0.48	0.00	0.00	42.90	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/18/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.40	0.00	0.00	29.63	379,620.00 *gal*
Application event totals		0.40	0.00	0.00	29.63	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	9.74	1.36	7.04	43.74	60,120.00 *gal*
Application event totals		9.74	1.36	7.04	43.74	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	22.72	3.16	16.42	102.05	140,280.00 *gal*
Application event totals		22.72	3.16	16.42	102.05	

32 - 06/14/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	11.36	1.58	8.21	51.03	70,140.00 *gal*
Application event totals		11.36	1.58	8.21	51.03	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.20	0.00	0.00	18.46	313,440.00 *gal*
Application event totals		0.20	0.00	0.00	18.46	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/20/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	9.86	0.00	0.00	877.12	7,176,000.00 *gal*
Application event totals		9.86	0.00	0.00	877.12	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	8.74	0.00	0.00	777.01	6,357,000.00 *gal*
Application event totals		8.74	0.00	0.00	777.01	

33 - 06/14/2023: Sorghum Silage

Field name: 33

Crop: Sorghum Silage

Plant date: 06/14/2023

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	2.25	0.00	0.00	200.21	819,000.00 *gal*
Application event totals		2.25	0.00	0.00	200.21	

33 - 06/14/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	2.25	0.00	0.00	200.21	819,000.00 *gal*
Application event totals		2.25	0.00	0.00	200.21	

06/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	1.87	0.00	0.00	138.27	885,780.00 *gal*
Application event totals		1.87	0.00	0.00	138.27	

06/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	1.87	0.00	0.00	138.27	885,780.00 *gal*
Application event totals		1.87	0.00	0.00	138.27	

07/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	8.04	0.00	0.00	715.04	2,925,000.00 *gal*
Application event totals		8.04	0.00	0.00	715.04	

07/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	9.76	0.00	0.00	867.59	3,549,000.00 *gal*
Application event totals		9.76	0.00	0.00	867.59	

08/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.40	0.00	0.00	36.93	313,440.00 *gal*
Application event totals		0.40	0.00	0.00	36.93	

33 - 06/14/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	22.72	3.16	16.42	102.05	70,140.00 *gal*
Application event totals		22.72	3.16	16.42	102.05	

08/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.40	0.00	0.00	36.93	313,440.00 *gal*
Application event totals		0.40	0.00	0.00	36.93	

08/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	22.72	3.16	16.42	102.05	70,140.00 *gal*
Application event totals		22.72	3.16	16.42	102.05	

08/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	8.47	0.00	0.00	753.18	3,081,000.00 *gal*
Application event totals		8.47	0.00	0.00	753.18	

09/14/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	7.93	0.00	0.00	705.51	2,886,000.00 *gal*
Application event totals		7.93	0.00	0.00	705.51	

10/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	15.44	0.00	0.00	1,372.88	5,616,000.00 *gal*
Application event totals		15.44	0.00	0.00	1,372.88	

33 - 06/14/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	10.77	0.00	0.00	796.70	5,103,780.00 *gal*
Application event totals		10.77	0.00	0.00	796.70	

4 - 03/14/2022: Alfalfa, hay

Field name: 4

Crop: Alfalfa, hay

Plant date: 03/14/2022

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
04/20/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.35	0.00	0.00	59.23	3,286,080.00 *gal*
Application event totals		0.35	0.00	0.00	59.23	

04/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.79	0.00	0.00	135.39	7,511,040.00 *gal*
Application event totals		0.79	0.00	0.00	135.39	

04/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.18	0.00	0.00	16.74	626,880.00 *gal*
Application event totals		0.18	0.00	0.00	16.74	

04/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.17	0.00	0.00	15.69	587,700.00 *gal*
Application event totals		0.17	0.00	0.00	15.69	

4 - 03/14/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
04/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.17	0.00	0.00	15.69	587,700.00 *gal*
Application event totals		0.17	0.00	0.00	15.69	

04/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.17	0.00	0.00	15.69	587,700.00 *gal*
Application event totals		0.17	0.00	0.00	15.69	

05/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.06	0.00	0.00	10.58	586,800.00 *gal*
Application event totals		0.06	0.00	0.00	10.58	

05/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.06	0.00	0.00	10.58	586,800.00 *gal*
Application event totals		0.06	0.00	0.00	10.58	

05/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.06	0.00	0.00	10.58	586,800.00 *gal*
Application event totals		0.06	0.00	0.00	10.58	

05/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.19	0.00	0.00	17.79	666,060.00 *gal*
Application event totals		0.19	0.00	0.00	17.79	

4 - 03/14/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.08	0.00	0.00	7.32	274,260.00 *gal*
Application event totals		0.08	0.00	0.00	7.32	

05/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	3.90	0.00	0.00	21.97	70,140.00 *gal*
Application event totals		3.90	0.00	0.00	21.97	

05/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.12	0.00	0.00	20.10	1,114,920.00 *gal*
Application event totals		0.12	0.00	0.00	20.10	

05/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.06	0.00	0.00	10.58	586,800.00 *gal*
Application event totals		0.06	0.00	0.00	10.58	

05/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.71	0.00	0.00	65.87	2,466,720.00 *gal*
Application event totals		0.71	0.00	0.00	65.87	

06/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.20	0.00	0.00	18.83	705,240.00 *gal*
Application event totals		0.20	0.00	0.00	18.83	

4 - 03/14/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11	Ground water	0.39	0.00	0.00	18.14	367,200.00 *gal*
Application event totals		0.39	0.00	0.00	18.14	

06/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11	Ground water	0.87	0.00	0.00	40.31	816,000.00 *gal*
Application event totals		0.87	0.00	0.00	40.31	

06/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11	Ground water	0.87	0.00	0.00	40.31	816,000.00 *gal*
Application event totals		0.87	0.00	0.00	40.31	

06/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11	Ground water	0.87	0.00	0.00	40.31	816,000.00 *gal*
Application event totals		0.87	0.00	0.00	40.31	

06/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.73	0.00	0.00	66.96	2,507,520.00 *gal*
Application event totals		0.73	0.00	0.00	66.96	

06/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	4.46	0.00	0.00	25.11	80,160.00 *gal*
Application event totals		4.46	0.00	0.00	25.11	

4 - 03/14/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/12/2023	Subsurface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.20	0.00	0.00	18.83	705,210.00 *gal*
Application event totals		0.20	0.00	0.00	18.83	

06/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	4.46	0.00	0.00	25.11	80,160.00 *gal*
Application event totals		4.46	0.00	0.00	25.11	

06/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.45	0.00	0.00	41.85	1,567,200.00 *gal*
Application event totals		0.45	0.00	0.00	41.85	

06/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	4.46	0.00	0.00	25.11	80,160.00 *gal*
Application event totals		4.46	0.00	0.00	25.11	

06/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.57	0.00	0.00	52.31	1,959,000.00 *gal*
Application event totals		0.57	0.00	0.00	52.31	

06/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	4.46	0.00	0.00	25.11	80,160.00 *gal*
Application event totals		4.46	0.00	0.00	25.11	

4 - 03/14/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	1.04	0.00	0.00	96.26	3,604,560.00 *gal*
Application event totals		1.04	0.00	0.00	96.26	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.11	0.00	0.00	10.46	391,800.00 *gal*
Application event totals		0.11	0.00	0.00	10.46	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.23	0.00	0.00	20.93	783,600.00 *gal*
Application event totals		0.23	0.00	0.00	20.93	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/28/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.23	0.00	0.00	20.93	783,600.00 *gal*
Application event totals		0.23	0.00	0.00	20.93	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.11	0.00	0.00	10.46	391,800.00 *gal*
Application event totals		0.11	0.00	0.00	10.46	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.12	0.00	0.00	20.10	1,114,920.00 *gal*
Application event totals		0.12	0.00	0.00	20.10	

4 - 03/14/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.12	0.00	0.00	20.10	1,114,920.00 *gal*
Application event totals		0.12	0.00	0.00	20.10	

08/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.12	0.00	0.00	20.10	1,114,920.00 *gal*
Application event totals		0.12	0.00	0.00	20.10	

08/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.12	0.00	0.00	20.10	1,114,920.00 *gal*
Application event totals		0.12	0.00	0.00	20.10	

07/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	5.15	0.72	3.72	23.13	70,140.00 *gal*
Application event totals		5.15	0.72	3.72	23.13	

07/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.11	0.00	0.00	10.46	391,800.00 *gal*
Application event totals		0.11	0.00	0.00	10.46	

08/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	5.15	0.72	3.72	23.13	70,140.00 *gal*
Application event totals		5.15	0.72	3.72	23.13	

4 - 03/14/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.09	0.00	0.00	8.37	313,440.00 *gal*
Application event totals		0.09	0.00	0.00	8.37	

08/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.12	0.00	0.00	20.10	1,114,920.00 *gal*
Application event totals		0.12	0.00	0.00	20.10	

08/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.12	0.00	0.00	20.10	1,114,920.00 *gal*
Application event totals		0.12	0.00	0.00	20.10	

08/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.01	0.00	0.00	2.07	114,920.00 *gal*
Application event totals		0.01	0.00	0.00	2.07	

08/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.12	0.00	0.00	20.10	1,114,920.00 *gal*
Application event totals		0.12	0.00	0.00	20.10	

08/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.12	0.00	0.00	20.10	1,114,920.00 *gal*
Application event totals		0.12	0.00	0.00	20.10	

4 - 03/14/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.12	0.00	0.00	20.10	1,114,920.00 *gal*
Application event totals		0.12	0.00	0.00	20.10	

08/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.12	0.00	0.00	20.10	1,114,920.00 *gal*
Application event totals		0.12	0.00	0.00	20.10	

08/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.11	0.00	0.00	9.93	371,800.00 *gal*
Application event totals		0.11	0.00	0.00	9.93	

08/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.11	0.00	0.00	10.46	391,800.00 *gal*
Application event totals		0.11	0.00	0.00	10.46	

08/28/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.51	0.00	0.00	32.97	470,340.00 *gal*
Application event totals		0.51	0.00	0.00	32.97	

08/28/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.08	0.00	0.00	69.60	992,940.00 *gal*
Application event totals		1.08	0.00	0.00	69.60	

4 - 03/14/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.08	0.00	0.00	69.60	992,940.00 *gal*
Application event totals		1.08	0.00	0.00	69.60	

08/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.08	0.00	0.00	69.60	992,940.00 *gal*
Application event totals		1.08	0.00	0.00	69.60	

08/31/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.08	0.00	0.00	69.60	992,940.00 *gal*
Application event totals		1.08	0.00	0.00	69.60	

09/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.08	0.00	0.00	69.60	992,940.00 *gal*
Application event totals		1.08	0.00	0.00	69.60	

09/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.08	0.00	0.00	69.60	992,940.00 *gal*
Application event totals		1.08	0.00	0.00	69.60	

08/28/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.20	0.00	0.00	18.83	705,240.00 *gal*
Application event totals		0.20	0.00	0.00	18.83	

4 - 03/14/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.11	0.00	0.00	10.46	391,800.00 *gal*
Application event totals		0.11	0.00	0.00	10.46	

09/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.11	0.00	0.00	10.46	391,800.00 *gal*
Application event totals		0.11	0.00	0.00	10.46	

09/14/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.11	0.00	0.00	10.46	391,800.00 *gal*
Application event totals		0.11	0.00	0.00	10.46	

09/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.11	0.00	0.00	10.46	391,800.00 *gal*
Application event totals		0.11	0.00	0.00	10.46	

09/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.23	0.00	0.00	20.93	783,600.00 *gal*
Application event totals		0.23	0.00	0.00	20.93	

09/18/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.45	0.00	0.00	41.85	1,567,200.00 *gal*
Application event totals		0.45	0.00	0.00	41.85	

4 - 03/14/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.38	0.00	0.00	28.36	801,420.00 *gal*
Application event totals		0.38	0.00	0.00	28.36	

10/20/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.38	0.00	0.00	28.36	801,420.00 *gal*
Application event totals		0.38	0.00	0.00	28.36	

10/21/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.38	0.00	0.00	28.36	801,420.00 *gal*
Application event totals		0.38	0.00	0.00	28.36	

10/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	2.92	0.00	0.00	269.94	10,108,440.00 *gal*
Application event totals		2.92	0.00	0.00	269.94	

10/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	17.66	2.46	12.76	79.31	240,480.00 *gal*
Application event totals		17.66	2.46	12.76	79.31	

10/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.38	0.00	0.00	28.36	801,420.00 *gal*
Application event totals		0.38	0.00	0.00	28.36	

4 - 03/14/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.38	0.00	0.00	28.36	801,420.00 *gal*
Application event totals		0.38	0.00	0.00	28.36	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.18	0.00	0.00	16.74	626,880.00 *gal*
Application event totals		0.18	0.00	0.00	16.74	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	11.77	1.64	8.51	52.87	160,320.00 *gal*
Application event totals		11.77	1.64	8.51	52.87	

5 - 11/05/2022: Wheat Hay

Field name: 5

Crop: Wheat Hay

Plant date: 11/05/2022

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	0.37	0.00	0.00	32.96	579,000.00 *gal*
Application event totals		0.37	0.00	0.00	32.96	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	0.50	0.00	0.00	44.40	780,000.00 *gal*
Application event totals		0.50	0.00	0.00	44.40	

5 - 11/05/2022: Wheat Hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	0.50	0.00	0.00	44.40	780,000.00 *gal*
Application event totals		0.50	0.00	0.00	44.40	

05/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	0.50	0.00	0.00	44.40	780,000.00 *gal*
Application event totals		0.50	0.00	0.00	44.40	

05/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	0.50	0.00	0.00	44.40	780,000.00 *gal*
Application event totals		0.50	0.00	0.00	44.40	

05/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	0.50	0.00	0.00	44.40	780,000.00 *gal*
Application event totals		0.50	0.00	0.00	44.40	

05/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11	Ground water	0.40	0.00	0.00	18.64	367,200.00 *gal*
Application event totals		0.40	0.00	0.00	18.64	

05/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11	Ground water	0.90	0.00	0.00	41.42	816,000.00 *gal*
Application event totals		0.90	0.00	0.00	41.42	

5 - 11/05/2022: Wheat Hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11	Ground water	0.90	0.00	0.00	41.42	816,000.00 *gal*
Application event totals		0.90	0.00	0.00	41.42	

05/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11	Ground water	0.90	0.00	0.00	41.42	816,000.00 *gal*
Application event totals		0.90	0.00	0.00	41.42	

05/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	8.56	734,400.00 *gal*
Application event totals		0.00	0.00	0.00	8.56	

05/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.44	0.00	0.00	32.20	885,780.00 *gal*
Application event totals		0.44	0.00	0.00	32.20	

05/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.44	0.00	0.00	32.20	885,780.00 *gal*
Application event totals		0.44	0.00	0.00	32.20	

05/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.44	0.00	0.00	32.20	885,780.00 *gal*
Application event totals		0.44	0.00	0.00	32.20	

5 - 11/05/2022: Wheat Hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.39	0.00	0.00	29.13	801,420.00 *gal*
Application event totals		0.39	0.00	0.00	29.13	

05/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	1.01	0.00	0.00	46.72	801,420.00 *gal*
Application event totals		1.01	0.00	0.00	46.72	

05/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.34	0.00	0.00	31.17	1,136,220.00 *gal*
Application event totals		0.34	0.00	0.00	31.17	

05/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	3.72	0.00	0.00	20.96	65,130.00 *gal*
Application event totals		3.72	0.00	0.00	20.96	

05/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.23	0.00	0.00	21.50	783,600.00 *gal*
Application event totals		0.23	0.00	0.00	21.50	

05/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	3.44	0.00	0.00	19.35	60,120.00 *gal*
Application event totals		3.44	0.00	0.00	19.35	

5 - 11/05/2022: Wheat Hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	0.22	0.00	0.00	19.98	351,000.00 *gal*
Application event totals		0.22	0.00	0.00	19.98	

07/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	0.22	0.00	0.00	19.98	351,000.00 *gal*
Application event totals		0.22	0.00	0.00	19.98	

6 - 11/21/2022: Alfalfa, hay

Field name: 6

Crop: Alfalfa, hay

Plant date: 11/21/2022

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
04/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	3.23	0.00	0.00	287.11	4,836,000.00 *gal*
Application event totals		3.23	0.00	0.00	287.11	

04/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11	Ground water	5.98	0.00	0.00	276.43	5,222,400.00 *gal*
Application event totals		5.98	0.00	0.00	276.43	

04/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	2.77	0.00	0.00	204.68	5,399,040.00 *gal*
Application event totals		2.77	0.00	0.00	204.68	

6 - 11/21/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.22	0.00	0.00	15.98	421,600.00 *gal*
Application event totals		0.22	0.00	0.00	15.98	

05/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.43	0.00	0.00	31.98	843,600.00 *gal*
Application event totals		0.43	0.00	0.00	31.98	

05/03/2023	Surface (irrigation)	No precipitation	No precipitation	Light rain

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.43	0.00	0.00	31.98	843,600.00 *gal*
Application event totals		0.43	0.00	0.00	31.98	

05/04/2023	Surface (irrigation)	No precipitation	Light rain	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.43	0.00	0.00	31.98	843,600.00 *gal*
Application event totals		0.43	0.00	0.00	31.98	

05/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	0.39	0.00	0.00	34.37	579,000.00 *gal*
Application event totals		0.39	0.00	0.00	34.37	

05/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	0.52	0.00	0.00	46.31	780,000.00 *gal*
Application event totals		0.52	0.00	0.00	46.31	

6 - 11/21/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/03/2023	Surface (irrigation)	No precipitation	No precipitation	Light rain

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	0.52	0.00	0.00	46.31	780,000.00 *gal*
Application event totals		0.52	0.00	0.00	46.31	

05/04/2023	Surface (irrigation)	No precipitation	Light rain	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	0.52	0.00	0.00	46.31	780,000.00 *gal*
Application event totals		0.52	0.00	0.00	46.31	

05/05/2023	Surface (irrigation)	Light rain	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	0.47	0.00	0.00	41.68	702,000.00 *gal*
Application event totals		0.47	0.00	0.00	41.68	

05/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11	Ground water	0.42	0.00	0.00	19.44	367,200.00 *gal*
Application event totals		0.42	0.00	0.00	19.44	

05/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11	Ground water	0.47	0.00	0.00	21.60	408,000.00 *gal*
Application event totals		0.47	0.00	0.00	21.60	

05/04/2023	Surface (irrigation)	No precipitation	Light rain	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11	Ground water	0.93	0.00	0.00	43.19	816,000.00 *gal*
Application event totals		0.93	0.00	0.00	43.19	

6 - 11/21/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/05/2023	Surface (irrigation)	Light rain	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11	Ground water	0.84	0.00	0.00	38.87	734,400.00 *gal*
Application event totals		0.84	0.00	0.00	38.87	

05/03/2023	Surface (irrigation)	No precipitation	No precipitation	Light rain

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11	Ground water	0.93	0.00	0.00	43.19	816,000.00 *gal*
Application event totals		0.93	0.00	0.00	43.19	

05/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11	Ground water	0.51	0.00	0.00	23.76	448,800.00 *gal*
Application event totals		0.51	0.00	0.00	23.76	

05/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.45	0.00	0.00	33.58	885,780.00 *gal*
Application event totals		0.45	0.00	0.00	33.58	

05/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.45	0.00	0.00	33.58	885,780.00 *gal*
Application event totals		0.45	0.00	0.00	33.58	

05/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.45	0.00	0.00	33.58	885,780.00 *gal*
Application event totals		0.45	0.00	0.00	33.58	

6 - 11/21/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/31/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.45	0.00	0.00	33.58	885,780.00 *gal*
Application event totals		0.45	0.00	0.00	33.58	

06/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.45	0.00	0.00	33.58	885,780.00 *gal*
Application event totals		0.45	0.00	0.00	33.58	

05/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	0.52	0.00	0.00	46.31	780,000.00 *gal*
Application event totals		0.52	0.00	0.00	46.31	

05/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	0.52	0.00	0.00	46.31	780,000.00 *gal*
Application event totals		0.52	0.00	0.00	46.31	

05/31/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	0.55	0.00	0.00	48.62	819,000.00 *gal*
Application event totals		0.55	0.00	0.00	48.62	

05/31/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11	Ground water	0.94	0.00	0.00	43.35	819,000.00 *gal*
Application event totals		0.94	0.00	0.00	43.35	

6 - 11/21/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	0.55	0.00	0.00	48.62	819,000.00 *gal*
Application event totals		0.55	0.00	0.00	48.62	

06/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	0.49	0.00	0.00	43.99	741,000.00 *gal*
Application event totals		0.49	0.00	0.00	43.99	

05/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11	Ground water	0.93	0.00	0.00	43.19	816,000.00 *gal*
Application event totals		0.93	0.00	0.00	43.19	

06/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11	Ground water	0.93	0.00	0.00	43.19	816,000.00 *gal*
Application event totals		0.93	0.00	0.00	43.19	

06/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	0.29	0.00	0.00	25.47	429,000.00 *gal*
Application event totals		0.29	0.00	0.00	25.47	

06/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	0.29	0.00	0.00	25.47	429,000.00 *gal*
Application event totals		0.29	0.00	0.00	25.47	

6 - 11/21/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.22	0.00	0.00	15.99	421,800.00 *gal*
Application event totals		0.22	0.00	0.00	15.99	

06/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.43	0.00	0.00	31.98	843,600.00 *gal*
Application event totals		0.43	0.00	0.00	31.98	

06/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.45	0.00	0.00	33.58	885,780.00 *gal*
Application event totals		0.45	0.00	0.00	33.58	

06/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	0.29	0.00	0.00	25.47	429,000.00 *gal*
Application event totals		0.29	0.00	0.00	25.47	

06/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	0.29	0.00	0.00	25.47	429,000.00 *gal*
Application event totals		0.29	0.00	0.00	25.47	

06/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	0.29	0.00	0.00	25.47	429,000.00 *gal*
Application event totals		0.29	0.00	0.00	25.47	

6 - 11/21/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	0.29	0.00	0.00	25.47	429,000.00 *gal*
Application event totals		0.29	0.00	0.00	25.47	

06/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	0.29	0.00	0.00	25.47	429,000.00 *gal*
Application event totals		0.29	0.00	0.00	25.47	

06/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	0.29	0.00	0.00	25.47	429,000.00 *gal*
Application event totals		0.29	0.00	0.00	25.47	

06/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.22	0.00	0.00	15.99	421,800.00 *gal*
Application event totals		0.22	0.00	0.00	15.99	

06/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.24	0.00	0.00	17.59	463,980.00 *gal*
Application event totals		0.24	0.00	0.00	17.59	

06/14/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.22	0.00	0.00	15.99	421,800.00 *gal*
Application event totals		0.22	0.00	0.00	15.99	

6 - 11/21/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.22	0.00	0.00	15.99	421,800.00 *gal*
Application event totals		0.22	0.00	0.00	15.99	

06/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.22	0.00	0.00	15.99	421,800.00 *gal*
Application event totals		0.22	0.00	0.00	15.99	

06/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.22	0.00	0.00	15.99	421,800.00 *gal*
Application event totals		0.22	0.00	0.00	15.99	

06/18/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	0.49	0.00	0.00	43.99	741,000.00 *gal*
Application event totals		0.49	0.00	0.00	43.99	

06/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	0.49	0.00	0.00	43.99	741,000.00 *gal*
Application event totals		0.49	0.00	0.00	43.99	

06/20/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	0.49	0.00	0.00	43.99	741,000.00 *gal*
Application event totals		0.49	0.00	0.00	43.99	

6 - 11/21/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/21/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	0.49	0.00	0.00	43.99	741,000.00 *gal*
Application event totals		0.49	0.00	0.00	43.99	

06/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	0.49	0.00	0.00	43.99	741,000.00 *gal*
Application event totals		0.49	0.00	0.00	43.99	

06/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	0.49	0.00	0.00	43.99	741,000.00 *gal*
Application event totals		0.49	0.00	0.00	43.99	

06/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	0.62	0.00	0.00	55.57	936,000.00 *gal*
Application event totals		0.62	0.00	0.00	55.57	

06/18/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.41	0.00	0.00	30.38	801,420.00 *gal*
Application event totals		0.41	0.00	0.00	30.38	

06/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.41	0.00	0.00	30.38	801,420.00 *gal*
Application event totals		0.41	0.00	0.00	30.38	

6 - 11/21/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/20/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.41	0.00	0.00	30.38	801,420.00 *gal*
Application event totals		0.41	0.00	0.00	30.38	

06/21/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.41	0.00	0.00	30.38	801,420.00 *gal*
Application event totals		0.41	0.00	0.00	30.38	

06/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.41	0.00	0.00	30.38	801,420.00 *gal*
Application event totals		0.41	0.00	0.00	30.38	

06/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.41	0.00	0.00	30.38	801,420.00 *gal*
Application event totals		0.41	0.00	0.00	30.38	

06/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.41	0.00	0.00	30.38	801,420.00 *gal*
Application event totals		0.41	0.00	0.00	30.38	

06/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	0.49	0.00	0.00	43.99	741,000.00 *gal*
Application event totals		0.49	0.00	0.00	43.99	

6 - 11/21/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	1.09	0.00	0.00	97.25	1,638,000.00 *gal*
Application event totals		1.09	0.00	0.00	97.25	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	0.49	0.00	0.00	43.99	741,000.00 *gal*
Application event totals		0.49	0.00	0.00	43.99	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	0.49	0.00	0.00	43.99	741,000.00 *gal*
Application event totals		0.49	0.00	0.00	43.99	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	0.49	0.00	0.00	43.99	741,000.00 *gal*
Application event totals		0.49	0.00	0.00	43.99	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.41	0.00	0.00	30.38	801,420.00 *gal*
Application event totals		0.41	0.00	0.00	30.38	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.41	0.00	0.00	30.38	801,420.00 *gal*
Application event totals		0.41	0.00	0.00	30.38	

6 - 11/21/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.41	0.00	0.00	30.38	801,420.00 *gal*
Application event totals		0.41	0.00	0.00	30.38	

06/28/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.41	0.00	0.00	30.38	801,420.00 *gal*
Application event totals		0.41	0.00	0.00	30.38	

06/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.41	0.00	0.00	30.38	801,420.00 *gal*
Application event totals		0.41	0.00	0.00	30.38	

06/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.41	0.00	0.00	30.38	801,420.00 *gal*
Application event totals		0.41	0.00	0.00	30.38	

07/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.41	0.00	0.00	30.38	801,420.00 *gal*
Application event totals		0.41	0.00	0.00	30.38	

07/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	0.39	0.00	0.00	34.73	585,000.00 *gal*
Application event totals		0.39	0.00	0.00	34.73	

6 - 11/21/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	0.49	0.00	0.00	43.99	741,000.00 *gal*
Application event totals		0.49	0.00	0.00	43.99	

07/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	0.49	0.00	0.00	43.99	741,000.00 *gal*
Application event totals		0.49	0.00	0.00	43.99	

07/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	0.49	0.00	0.00	43.99	741,000.00 *gal*
Application event totals		0.49	0.00	0.00	43.99	

07/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.41	0.00	0.00	30.38	801,420.00 *gal*
Application event totals		0.41	0.00	0.00	30.38	

07/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.41	0.00	0.00	30.38	801,420.00 *gal*
Application event totals		0.41	0.00	0.00	30.38	

07/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.41	0.00	0.00	30.38	801,420.00 *gal*
Application event totals		0.41	0.00	0.00	30.38	

6 - 11/21/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	0.49	0.00	0.00	43.99	741,000.00 *gal*
Application event totals		0.49	0.00	0.00	43.99	

07/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	0.49	0.00	0.00	43.99	741,000.00 *gal*
Application event totals		0.49	0.00	0.00	43.99	

07/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	0.49	0.00	0.00	43.99	741,000.00 *gal*
Application event totals		0.49	0.00	0.00	43.99	

07/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	0.49	0.00	0.00	43.99	741,000.00 *gal*
Application event totals		0.49	0.00	0.00	43.99	

07/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	0.49	0.00	0.00	43.99	741,000.00 *gal*
Application event totals		0.49	0.00	0.00	43.99	

07/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	0.49	0.00	0.00	43.99	741,000.00 *gal*
Application event totals		0.49	0.00	0.00	43.99	

6 - 11/21/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.41	0.00	0.00	30.38	801,420.00 *gal*
Application event totals		0.41	0.00	0.00	30.38	

07/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.41	0.00	0.00	30.38	801,420.00 *gal*
Application event totals		0.41	0.00	0.00	30.38	

07/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.41	0.00	0.00	30.38	801,420.00 *gal*
Application event totals		0.41	0.00	0.00	30.38	

07/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.41	0.00	0.00	30.38	801,420.00 *gal*
Application event totals		0.41	0.00	0.00	30.38	

07/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.41	0.00	0.00	30.38	801,420.00 *gal*
Application event totals		0.41	0.00	0.00	30.38	

07/14/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.41	0.00	0.00	30.38	801,420.00 *gal*
Application event totals		0.41	0.00	0.00	30.38	

6 - 11/21/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.41	0.00	0.00	30.38	801,420.00 *gal*
Application event totals		0.41	0.00	0.00	30.38	

07/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.12	0.00	0.00	11.21	391,800.00 *gal*
Application event totals		0.12	0.00	0.00	11.21	

07/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.12	0.00	0.00	11.21	391,800.00 *gal*
Application event totals		0.12	0.00	0.00	11.21	

07/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.41	0.00	0.00	30.38	801,420.00 *gal*
Application event totals		0.41	0.00	0.00	30.38	

08/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	4.76	0.00	0.00	423.71	7,137,000.00 *gal*
Application event totals		4.76	0.00	0.00	423.71	

07/31/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.52	0.00	0.00	38.38	1,012,320.00 *gal*
Application event totals		0.52	0.00	0.00	38.38	

6 - 11/21/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	5.15	0.00	0.00	380.57	10,038,840.00 *gal*
Application event totals		5.15	0.00	0.00	380.57	

07/31/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.24	0.00	0.00	22.42	783,600.00 *gal*
Application event totals		0.24	0.00	0.00	22.42	

08/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.12	0.00	0.00	11.21	391,800.00 *gal*
Application event totals		0.12	0.00	0.00	11.21	

08/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.18	0.00	0.00	16.81	587,700.00 *gal*
Application event totals		0.18	0.00	0.00	16.81	

08/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.18	0.00	0.00	16.81	587,700.00 *gal*
Application event totals		0.18	0.00	0.00	16.81	

08/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.36	0.00	0.00	33.63	1,175,400.00 *gal*
Application event totals		0.36	0.00	0.00	33.63	

6 - 11/21/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.36	0.00	0.00	33.63	1,175,400.00 *gal*
Application event totals		0.36	0.00	0.00	33.63	

08/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.12	0.00	0.00	11.21	391,800.00 *gal*
Application event totals		0.12	0.00	0.00	11.21	

08/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	9.46	1.32	6.84	42.49	120,240.00 *gal*
Application event totals		9.46	1.32	6.84	42.49	

08/31/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #2	Ground water	8.69	0.00	0.00	772.62	13,014,000.00 *gal*
Application event totals		8.69	0.00	0.00	772.62	

08/31/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.41	0.00	0.00	30.38	801,420.00 *gal*
Application event totals		0.41	0.00	0.00	30.38	

09/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.41	0.00	0.00	30.38	801,420.00 *gal*
Application event totals		0.41	0.00	0.00	30.38	

6 - 11/21/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.41	0.00	0.00	30.38	801,420.00 *gal*
Application event totals		0.41	0.00	0.00	30.38	

08/31/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.12	0.00	0.00	11.21	391,800.00 *gal*
Application event totals		0.12	0.00	0.00	11.21	

09/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.12	0.00	0.00	11.21	391,800.00 *gal*
Application event totals		0.12	0.00	0.00	11.21	

09/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.36	0.00	0.00	33.63	1,175,400.00 *gal*
Application event totals		0.36	0.00	0.00	33.63	

09/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.41	0.00	0.00	30.38	801,420.00 *gal*
Application event totals		0.41	0.00	0.00	30.38	

09/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.36	0.00	0.00	33.63	1,175,400.00 *gal*
Application event totals		0.36	0.00	0.00	33.63	

6 - 11/21/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.36	0.00	0.00	33.63	1,175,400.00 *gal*
Application event totals		0.36	0.00	0.00	33.63	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.36	0.00	0.00	33.63	1,175,400.00 *gal*
Application event totals		0.36	0.00	0.00	33.63	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.12	0.00	0.00	11.21	391,800.00 *gal*
Application event totals		0.12	0.00	0.00	11.21	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/28/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.94	0.00	0.00	57.32	801,420.00 *gal*
Application event totals		0.94	0.00	0.00	57.32	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.94	0.00	0.00	60.19	801,420.00 *gal*
Application event totals		0.94	0.00	0.00	60.19	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.94	0.00	0.00	60.19	801,420.00 *gal*
Application event totals		0.94	0.00	0.00	60.19	

6 - 11/21/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/28/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.49	0.00	0.00	44.84	1,567,200.00 *gal*
Application event totals		0.49	0.00	0.00	44.84	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.41	0.00	0.00	30.38	801,420.00 *gal*
Application event totals		0.41	0.00	0.00	30.38	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.41	0.00	0.00	30.38	801,420.00 *gal*
Application event totals		0.41	0.00	0.00	30.38	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.41	0.00	0.00	30.38	801,420.00 *gal*
Application event totals		0.41	0.00	0.00	30.38	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.16	0.00	0.00	74.57	992,940.00 *gal*
Application event totals		1.16	0.00	0.00	74.57	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.41	0.00	0.00	30.38	801,420.00 *gal*
Application event totals		0.41	0.00	0.00	30.38	

6 - 11/21/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.16	0.00	0.00	74.57	992,940.00 *gal*
Application event totals		1.16	0.00	0.00	74.57	

10/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.16	0.00	0.00	74.57	992,940.00 *gal*
Application event totals		1.16	0.00	0.00	74.57	

10/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.24	0.00	0.00	22.42	783,600.00 *gal*
Application event totals		0.24	0.00	0.00	22.42	

7 - 06/26/2023: Sorghum Silage

Field name: 7

Crop: Sorghum Silage

Plant date: 06/26/2023

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.03	0.00	0.00	5.31	452,520.00 *gal*
Application event totals		0.03	0.00	0.00	5.31	

07/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.05	0.00	0.00	8.81	528,120.00 *gal*
Application event totals		0.05	0.00	0.00	8.81	

7 - 06/26/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.05	0.00	0.00	8.81	528,120.00 *gal*
Application event totals		0.05	0.00	0.00	8.81	

07/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.05	0.00	0.00	8.81	528,120.00 *gal*
Application event totals		0.05	0.00	0.00	8.81	

07/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.05	0.00	0.00	8.81	528,120.00 *gal*
Application event totals		0.05	0.00	0.00	8.81	

07/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.05	0.00	0.00	8.81	528,120.00 *gal*
Application event totals		0.05	0.00	0.00	8.81	

07/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.05	0.00	0.00	8.81	528,120.00 *gal*
Application event totals		0.05	0.00	0.00	8.81	

07/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.52	0.00	0.00	22.46	363,420.00 *gal*
Application event totals		0.52	0.00	0.00	22.46	

7 - 06/26/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.52	0.00	0.00	22.46	363,420.00 *gal*
Application event totals		0.52	0.00	0.00	22.46	

07/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.52	0.00	0.00	22.46	363,420.00 *gal*
Application event totals		0.52	0.00	0.00	22.46	

07/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.03	0.00	0.00	5.31	452,520.00 *gal*
Application event totals		0.03	0.00	0.00	5.31	

07/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.03	0.00	0.00	5.31	452,520.00 *gal*
Application event totals		0.03	0.00	0.00	5.31	

07/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.05	0.00	0.00	8.81	528,120.00 *gal*
Application event totals		0.05	0.00	0.00	8.81	

07/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.05	0.00	0.00	8.81	528,120.00 *gal*
Application event totals		0.05	0.00	0.00	8.81	

7 - 06/26/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.05	0.00	0.00	8.81	528,120.00 *gal*
Application event totals		0.05	0.00	0.00	8.81	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.05	0.00	0.00	8.81	528,120.00 *gal*
Application event totals		0.05	0.00	0.00	8.81	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.23	0.00	0.00	15.38	347,220.00 *gal*
Application event totals		0.23	0.00	0.00	15.38	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.23	0.00	0.00	15.38	347,220.00 *gal*
Application event totals		0.23	0.00	0.00	15.38	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.48	0.00	0.00	32.47	733,020.00 *gal*
Application event totals		0.48	0.00	0.00	32.47	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/31/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.48	0.00	0.00	32.47	733,020.00 *gal*
Application event totals		0.48	0.00	0.00	32.47	

7 - 06/26/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.48	0.00	0.00	32.47	733,020.00 *gal*
Application event totals		0.48	0.00	0.00	32.47	

08/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.48	0.00	0.00	32.47	733,020.00 *gal*
Application event totals		0.48	0.00	0.00	32.47	

07/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.80	0.00	0.00	37.02	704,520.00 *gal*
Application event totals		0.80	0.00	0.00	37.02	

07/31/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.80	0.00	0.00	37.02	704,520.00 *gal*
Application event totals		0.80	0.00	0.00	37.02	

08/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.80	0.00	0.00	37.02	704,520.00 *gal*
Application event totals		0.80	0.00	0.00	37.02	

08/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.42	0.00	0.00	19.48	370,720.00 *gal*
Application event totals		0.42	0.00	0.00	19.48	

7 - 06/26/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.42	0.00	0.00	19.48	370,800.00 *gal*
Application event totals		0.42	0.00	0.00	19.48	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.38	0.00	0.00	17.53	333,720.00 *gal*
Application event totals		0.38	0.00	0.00	17.53	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.23	0.00	0.00	15.38	347,220.00 *gal*
Application event totals		0.23	0.00	0.00	15.38	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.23	0.00	0.00	15.38	347,220.00 *gal*
Application event totals		0.23	0.00	0.00	15.38	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.23	0.00	0.00	15.38	347,220.00 *gal*
Application event totals		0.23	0.00	0.00	15.38	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.23	0.00	0.00	15.38	347,220.00 *gal*
Application event totals		0.23	0.00	0.00	15.38	

7 - 06/26/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.23	0.00	0.00	15.38	347,220.00 *gal*
Application event totals		0.23	0.00	0.00	15.38	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.23	0.00	0.00	15.38	347,220.00 *gal*
Application event totals		0.23	0.00	0.00	15.38	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.38	0.00	0.00	17.53	333,720.00 *gal*
Application event totals		0.38	0.00	0.00	17.53	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.38	0.00	0.00	17.53	333,720.00 *gal*
Application event totals		0.38	0.00	0.00	17.53	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.38	0.00	0.00	17.53	333,720.00 *gal*
Application event totals		0.38	0.00	0.00	17.53	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.38	0.00	0.00	17.53	333,720.00 *gal*
Application event totals		0.38	0.00	0.00	17.53	

7 - 06/26/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.38	0.00	0.00	17.53	333,720.00 *gal*
Application event totals		0.38	0.00	0.00	17.53	

08/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.38	0.00	0.00	17.53	333,720.00 *gal*
Application event totals		0.38	0.00	0.00	17.53	

08/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.52	0.00	0.00	22.46	363,420.00 *gal*
Application event totals		0.52	0.00	0.00	22.46	

08/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.52	0.00	0.00	22.46	363,420.00 *gal*
Application event totals		0.52	0.00	0.00	22.46	

08/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.48	0.00	0.00	32.47	733,020.00 *gal*
Application event totals		0.48	0.00	0.00	32.47	

08/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.84	0.00	0.00	38.91	740,520.00 *gal*
Application event totals		0.84	0.00	0.00	38.91	

7 - 06/26/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.07	0.00	0.00	6.78	274,260.00 *gal*
Application event totals		0.07	0.00	0.00	6.78	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	4.09	0.57	2.95	18.36	60,120.00 *gal*
Application event totals		4.09	0.57	2.95	18.36	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.11	0.00	0.00	18.61	1,114,920.00 *gal*
Application event totals		0.11	0.00	0.00	18.61	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/31/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.11	0.00	0.00	18.61	1,114,920.00 *gal*
Application event totals		0.11	0.00	0.00	18.61	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.11	0.00	0.00	18.61	1,114,920.00 *gal*
Application event totals		0.11	0.00	0.00	18.61	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.11	0.00	0.00	18.61	1,114,920.00 *gal*
Application event totals		0.11	0.00	0.00	18.61	

7 - 06/26/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.60	0.00	0.00	41.02	925,920.00 *gal*
Application event totals		0.60	0.00	0.00	41.02	

08/28/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.48	0.00	0.00	32.47	733,020.00 *gal*
Application event totals		0.48	0.00	0.00	32.47	

08/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.48	0.00	0.00	32.47	733,020.00 *gal*
Application event totals		0.48	0.00	0.00	32.47	

08/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.48	0.00	0.00	32.47	733,020.00 *gal*
Application event totals		0.48	0.00	0.00	32.47	

08/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.84	0.00	0.00	38.91	740,520.00 *gal*
Application event totals		0.84	0.00	0.00	38.91	

08/28/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.84	0.00	0.00	38.91	740,520.00 *gal*
Application event totals		0.84	0.00	0.00	38.91	

7 - 06/26/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.84	0.00	0.00	38.91	740,520.00 *gal*
Application event totals		0.84	0.00	0.00	38.91	

08/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.84	0.00	0.00	38.91	740,520.00 *gal*
Application event totals		0.84	0.00	0.00	38.91	

08/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.07	0.00	0.00	6.78	274,260.00 *gal*
Application event totals		0.07	0.00	0.00	6.78	

08/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	4.09	0.57	2.95	18.36	60,120.00 *gal*
Application event totals		4.09	0.57	2.95	18.36	

08/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.08	0.00	0.00	7.75	313,440.00 *gal*
Application event totals		0.08	0.00	0.00	7.75	

08/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	4.77	0.66	3.45	21.42	70,140.00 *gal*
Application event totals		4.77	0.66	3.45	21.42	

7 - 06/26/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.08	0.00	0.00	7.75	313,440.00 *gal*
Application event totals		0.08	0.00	0.00	7.75	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	4.77	0.66	3.45	21.42	70,140.00 *gal*
Application event totals		4.77	0.66	3.45	21.42	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	4.09	0.57	2.95	18.36	60,120.00 *gal*
Application event totals		4.09	0.57	2.95	18.36	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.48	0.00	0.00	32.47	733,020.00 *gal*
Application event totals		0.48	0.00	0.00	32.47	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.48	0.00	0.00	32.47	733,020.00 *gal*
Application event totals		0.48	0.00	0.00	32.47	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.48	0.00	0.00	32.47	733,020.00 *gal*
Application event totals		0.48	0.00	0.00	32.47	

7 - 06/26/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/14/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.48	0.00	0.00	32.47	733,020.00 *gal*
Application event totals		0.48	0.00	0.00	32.47	

09/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.48	0.00	0.00	32.47	733,020.00 *gal*
Application event totals		0.48	0.00	0.00	32.47	

09/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.48	0.00	0.00	32.47	733,020.00 *gal*
Application event totals		0.48	0.00	0.00	32.47	

09/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.48	0.00	0.00	32.47	733,020.00 *gal*
Application event totals		0.48	0.00	0.00	32.47	

09/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.84	0.00	0.00	38.91	740,520.00 *gal*
Application event totals		0.84	0.00	0.00	38.91	

09/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.84	0.00	0.00	38.91	740,520.00 *gal*
Application event totals		0.84	0.00	0.00	38.91	

7 - 06/26/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.84	0.00	0.00	38.91	740,520.00 *gal*
Application event totals		0.84	0.00	0.00	38.91	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/14/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.84	0.00	0.00	38.91	740,520.00 *gal*
Application event totals		0.84	0.00	0.00	38.91	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.58	0.00	0.00	31.13	740,520.00 *gal*
Application event totals		0.58	0.00	0.00	31.13	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.84	0.00	0.00	38.91	740,520.00 *gal*
Application event totals		0.84	0.00	0.00	38.91	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.48	0.00	0.00	32.47	733,020.00 *gal*
Application event totals		0.48	0.00	0.00	32.47	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/18/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.60	0.00	0.00	41.02	925,920.00 *gal*
Application event totals		0.60	0.00	0.00	41.02	

7 - 06/26/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.48	0.00	0.00	32.47	733,020.00 *gal*
Application event totals		0.48	0.00	0.00	32.47	

09/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.84	0.00	0.00	38.91	740,520.00 *gal*
Application event totals		0.84	0.00	0.00	38.91	

09/18/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.50	0.00	0.00	23.38	444,960.00 *gal*
Application event totals		0.50	0.00	0.00	23.38	

09/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.84	0.00	0.00	38.91	740,520.00 *gal*
Application event totals		0.84	0.00	0.00	38.91	

10/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.11	0.00	0.00	47.42	767,200.00 *gal*
Application event totals		1.11	0.00	0.00	47.42	

10/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.11	0.00	0.00	47.42	767,200.00 *gal*
Application event totals		1.11	0.00	0.00	47.42	

7 - 06/26/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.11	0.00	0.00	47.42	767,200.00 *gal*
Application event totals		1.11	0.00	0.00	47.42	

10/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.11	0.00	0.00	47.42	767,200.00 *gal*
Application event totals		1.11	0.00	0.00	47.42	

10/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.11	0.00	0.00	47.42	767,200.00 *gal*
Application event totals		1.11	0.00	0.00	47.42	

10/14/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.11	0.00	0.00	47.42	767,200.00 *gal*
Application event totals		1.11	0.00	0.00	47.42	

10/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.07	0.00	0.00	11.22	955,320.00 *gal*
Application event totals		0.07	0.00	0.00	11.22	

10/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.07	0.00	0.00	15.75	955,320.00 *gal*
Application event totals		0.07	0.00	0.00	15.75	

7 - 06/26/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.07	0.00	0.00	15.75	955,320.00 *gal*
Application event totals		0.07	0.00	0.00	15.75	

10/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.07	0.00	0.00	15.75	955,320.00 *gal*
Application event totals		0.07	0.00	0.00	15.75	

10/14/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.07	0.00	0.00	11.22	955,320.00 *gal*
Application event totals		0.07	0.00	0.00	11.22	

10/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.11	0.00	0.00	47.42	767,200.00 *gal*
Application event totals		1.11	0.00	0.00	47.42	

10/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.07	0.00	0.00	11.22	955,320.00 *gal*
Application event totals		0.07	0.00	0.00	11.22	

10/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.07	0.00	0.00	11.22	955,320.00 *gal*
Application event totals		0.07	0.00	0.00	11.22	

8 - 10/18/2021: Alfalfa, hay

8 - 10/18/2021: Alfalfa, hay

Field name: 8

Crop: Alfalfa, hay

Plant date: 10/18/2021

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
04/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	1.93	0.00	0.00	131.85	3,086,400.00 *gal*
Application event totals		1.93	0.00	0.00	131.85	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
04/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	4.49	0.00	0.00	192.55	3,230,400.00 *gal*
Application event totals		4.49	0.00	0.00	192.55	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
04/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	3.07	0.00	0.00	209.31	4,899,660.00 *gal*
Application event totals		3.07	0.00	0.00	209.31	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
04/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	8.48	0.00	0.00	363.45	6,097,380.00 *gal*
Application event totals		8.48	0.00	0.00	363.45	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
04/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	5.19	0.00	0.00	240.47	4,746,240.00 *gal*
Application event totals		5.19	0.00	0.00	240.47	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.46	0.00	0.00	31.31	733,020.00 *gal*
Application event totals		0.46	0.00	0.00	31.31	

8 - 10/18/2021: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	1.26	0.00	0.00	58.24	1,149,480.00 *gal*
Application event totals		1.26	0.00	0.00	58.24	

05/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.24	0.00	0.00	16.48	385,800.00 *gal*
Application event totals		0.24	0.00	0.00	16.48	

05/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.58	0.00	0.00	39.55	925,920.00 *gal*
Application event totals		0.58	0.00	0.00	39.55	

05/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.58	0.00	0.00	39.55	925,920.00 *gal*
Application event totals		0.58	0.00	0.00	39.55	

05/31/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.58	0.00	0.00	39.55	925,920.00 *gal*
Application event totals		0.58	0.00	0.00	39.55	

06/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.58	0.00	0.00	39.55	925,920.00 *gal*
Application event totals		0.58	0.00	0.00	39.55	

8 - 10/18/2021: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.46	0.00	0.00	31.31	733,020.00 *gal*
Application event totals		0.46	0.00	0.00	31.31	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	1.30	0.00	0.00	60.12	1,186,560.00 *gal*
Application event totals		1.30	0.00	0.00	60.12	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.36	0.00	0.00	16.91	333,720.00 *gal*
Application event totals		0.36	0.00	0.00	16.91	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	1.30	0.00	0.00	60.12	1,186,560.00 *gal*
Application event totals		1.30	0.00	0.00	60.12	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/31/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	1.30	0.00	0.00	60.12	1,186,560.00 *gal*
Application event totals		1.30	0.00	0.00	60.12	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.24	0.00	0.00	16.48	385,800.00 *gal*
Application event totals		0.24	0.00	0.00	16.48	

8 - 10/18/2021: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.58	0.00	0.00	39.55	925,920.00 *gal*
Application event totals		0.58	0.00	0.00	39.55	

06/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.58	0.00	0.00	39.55	925,920.00 *gal*
Application event totals		0.58	0.00	0.00	39.55	

06/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.43	0.00	0.00	29.67	694,440.00 *gal*
Application event totals		0.43	0.00	0.00	29.67	

06/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.56	0.00	0.00	24.07	403,800.00 *gal*
Application event totals		0.56	0.00	0.00	24.07	

06/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.18	0.00	0.00	50.55	847,980.00 *gal*
Application event totals		1.18	0.00	0.00	50.55	

06/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.18	0.00	0.00	50.55	847,980.00 *gal*
Application event totals		1.18	0.00	0.00	50.55	

8 - 10/18/2021: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.41	0.00	0.00	18.79	370,800.00 *gal*
Application event totals		0.41	0.00	0.00	18.79	

06/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.12	0.00	0.00	5.69	112,400.00 *gal*
Application event totals		0.12	0.00	0.00	5.69	

06/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	1.30	0.00	0.00	60.12	1,186,560.00 *gal*
Application event totals		1.30	0.00	0.00	60.12	

06/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	1.30	0.00	0.00	60.12	1,186,560.00 *gal*
Application event totals		1.30	0.00	0.00	60.12	

06/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	1.30	0.00	0.00	60.12	1,186,560.00 *gal*
Application event totals		1.30	0.00	0.00	60.12	

06/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.24	0.00	0.00	16.48	385,800.00 *gal*
Application event totals		0.24	0.00	0.00	16.48	

8 - 10/18/2021: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.24	0.00	0.00	16.48	385,800.00 *gal*
Application event totals		0.24	0.00	0.00	16.48	

06/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.06	0.00	0.00	9.44	586,800.00 *gal*
Application event totals		0.06	0.00	0.00	9.44	

06/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.06	0.00	0.00	9.44	586,800.00 *gal*
Application event totals		0.06	0.00	0.00	9.44	

06/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	2.99	0.00	0.00	16.81	60,120.00 *gal*
Application event totals		2.99	0.00	0.00	16.81	

06/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.24	0.00	0.00	16.48	385,800.00 *gal*
Application event totals		0.24	0.00	0.00	16.48	

06/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.24	0.00	0.00	16.48	385,800.00 *gal*
Application event totals		0.24	0.00	0.00	16.48	

8 - 10/18/2021: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.24	0.00	0.00	16.48	385,800.00 *gal*
Application event totals		0.24	0.00	0.00	16.48	

06/28/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.24	0.00	0.00	16.48	385,800.00 *gal*
Application event totals		0.24	0.00	0.00	16.48	

06/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.24	0.00	0.00	16.48	385,800.00 *gal*
Application event totals		0.24	0.00	0.00	16.48	

06/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.24	0.00	0.00	16.48	385,800.00 *gal*
Application event totals		0.24	0.00	0.00	16.48	

07/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.24	0.00	0.00	16.48	385,800.00 *gal*
Application event totals		0.24	0.00	0.00	16.48	

06/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.06	0.00	0.00	9.44	586,800.00 *gal*
Application event totals		0.06	0.00	0.00	9.44	

8 - 10/18/2021: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.06	0.00	0.00	9.44	586,800.00 *gal*
Application event totals		0.06	0.00	0.00	9.44	

06/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.06	0.00	0.00	9.44	586,800.00 *gal*
Application event totals		0.06	0.00	0.00	9.44	

06/28/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.06	0.00	0.00	9.44	586,800.00 *gal*
Application event totals		0.06	0.00	0.00	9.44	

06/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.06	0.00	0.00	9.44	586,800.00 *gal*
Application event totals		0.06	0.00	0.00	9.44	

06/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.06	0.00	0.00	9.44	586,800.00 *gal*
Application event totals		0.06	0.00	0.00	9.44	

07/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.06	0.00	0.00	9.44	586,800.00 *gal*
Application event totals		0.06	0.00	0.00	9.44	

8 - 10/18/2021: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/28/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.04	0.00	0.00	6.26	553,080.00 *gal*
Application event totals		0.04	0.00	0.00	6.26	

06/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.03	0.00	0.00	5.12	452,520.00 *gal*
Application event totals		0.03	0.00	0.00	5.12	

06/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.03	0.00	0.00	5.69	502,800.00 *gal*
Application event totals		0.03	0.00	0.00	5.69	

07/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.05	0.00	0.00	8.54	754,200.00 *gal*
Application event totals		0.05	0.00	0.00	8.54	

06/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	3.49	0.00	0.00	19.62	70,140.00 *gal*
Application event totals		3.49	0.00	0.00	19.62	

07/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	3.49	0.00	0.00	19.62	70,140.00 *gal*
Application event totals		3.49	0.00	0.00	19.62	

8 - 10/18/2021: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.24	0.00	0.00	16.48	385,800.00 *gal*
Application event totals		0.24	0.00	0.00	16.48	

07/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.06	0.00	0.00	9.44	586,800.00 *gal*
Application event totals		0.06	0.00	0.00	9.44	

07/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.06	0.00	0.00	9.44	586,800.00 *gal*
Application event totals		0.06	0.00	0.00	9.44	

07/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.06	0.00	0.00	9.44	586,800.00 *gal*
Application event totals		0.06	0.00	0.00	9.44	

07/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.06	0.00	0.00	9.44	586,800.00 *gal*
Application event totals		0.06	0.00	0.00	9.44	

07/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.06	0.00	0.00	9.44	586,800.00 *gal*
Application event totals		0.06	0.00	0.00	9.44	

8 - 10/18/2021: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.06	0.00	0.00	9.44	586,800.00 *gal*
Application event totals		0.06	0.00	0.00	9.44	

07/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.05	0.00	0.00	8.54	754,200.00 *gal*
Application event totals		0.05	0.00	0.00	8.54	

07/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.03	0.00	0.00	5.69	502,800.00 *gal*
Application event totals		0.03	0.00	0.00	5.69	

07/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.04	0.00	0.00	6.26	553,080.00 *gal*
Application event totals		0.04	0.00	0.00	6.26	

07/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	3.49	0.00	0.00	19.62	70,140.00 *gal*
Application event totals		3.49	0.00	0.00	19.62	

07/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	3.49	0.00	0.00	19.62	70,140.00 *gal*
Application event totals		3.49	0.00	0.00	19.62	

8 - 10/18/2021: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.06	0.00	0.00	9.44	586,800.00 *gal*
Application event totals		0.06	0.00	0.00	9.44	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.06	0.00	0.00	9.44	586,800.00 *gal*
Application event totals		0.06	0.00	0.00	9.44	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.06	0.00	0.00	9.44	586,800.00 *gal*
Application event totals		0.06	0.00	0.00	9.44	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.24	0.00	0.00	16.48	385,800.00 *gal*
Application event totals		0.24	0.00	0.00	16.48	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.05	0.00	0.00	3.67	85,800.00 *gal*
Application event totals		0.05	0.00	0.00	3.67	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.04	0.00	0.00	6.21	385,800.00 *gal*
Application event totals		0.04	0.00	0.00	6.21	

8 - 10/18/2021: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.41	0.00	0.00	18.78	370,720.00 *gal*
Application event totals		0.41	0.00	0.00	18.78	

08/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.41	0.00	0.00	18.78	370,720.00 *gal*
Application event totals		0.41	0.00	0.00	18.78	

08/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.24	0.00	0.00	16.48	385,800.00 *gal*
Application event totals		0.24	0.00	0.00	16.48	

08/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.24	0.00	0.00	16.48	385,800.00 *gal*
Application event totals		0.24	0.00	0.00	16.48	

08/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.24	0.00	0.00	16.48	385,800.00 *gal*
Application event totals		0.24	0.00	0.00	16.48	

08/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.41	0.00	0.00	18.78	370,720.00 *gal*
Application event totals		0.41	0.00	0.00	18.78	

8 - 10/18/2021: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.41	0.00	0.00	18.78	370,720.00 *gal*
Application event totals		0.41	0.00	0.00	18.78	

08/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.41	0.00	0.00	18.78	370,720.00 *gal*
Application event totals		0.41	0.00	0.00	18.78	

08/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.07	0.00	0.00	45.73	767,180.00 *gal*
Application event totals		1.07	0.00	0.00	45.73	

08/31/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.46	0.00	0.00	31.31	733,020.00 *gal*
Application event totals		0.46	0.00	0.00	31.31	

09/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.46	0.00	0.00	31.31	733,020.00 *gal*
Application event totals		0.46	0.00	0.00	31.31	

09/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.46	0.00	0.00	31.31	733,020.00 *gal*
Application event totals		0.46	0.00	0.00	31.31	

8 - 10/18/2021: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/31/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.81	0.00	0.00	37.52	740,520.00 *gal*
Application event totals		0.81	0.00	0.00	37.52	

09/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.81	0.00	0.00	37.52	740,520.00 *gal*
Application event totals		0.81	0.00	0.00	37.52	

09/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.81	0.00	0.00	37.52	740,520.00 *gal*
Application event totals		0.81	0.00	0.00	37.52	

08/31/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	1.07	0.00	0.00	45.73	767,180.00 *gal*
Application event totals		1.07	0.00	0.00	45.73	

09/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	1.07	0.00	0.00	45.73	767,180.00 *gal*
Application event totals		1.07	0.00	0.00	45.73	

09/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	1.07	0.00	0.00	45.73	767,180.00 *gal*
Application event totals		1.07	0.00	0.00	45.73	

8 - 10/18/2021: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.46	0.00	0.00	31.31	733,020.00 *gal*
Application event totals		0.46	0.00	0.00	31.31	

09/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.46	0.00	0.00	31.31	733,020.00 *gal*
Application event totals		0.46	0.00	0.00	31.31	

09/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.46	0.00	0.00	31.31	733,020.00 *gal*
Application event totals		0.46	0.00	0.00	31.31	

09/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.46	0.00	0.00	31.31	733,020.00 *gal*
Application event totals		0.46	0.00	0.00	31.31	

09/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.58	0.00	0.00	39.55	925,920.00 *gal*
Application event totals		0.58	0.00	0.00	39.55	

09/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.81	0.00	0.00	37.52	740,520.00 *gal*
Application event totals		0.81	0.00	0.00	37.52	

8 - 10/18/2021: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.81	0.00	0.00	37.52	740,520.00 *gal*
Application event totals		0.81	0.00	0.00	37.52	

09/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.81	0.00	0.00	37.52	740,520.00 *gal*
Application event totals		0.81	0.00	0.00	37.52	

09/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.81	0.00	0.00	37.52	740,520.00 *gal*
Application event totals		0.81	0.00	0.00	37.52	

09/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.81	0.00	0.00	37.52	740,520.00 *gal*
Application event totals		0.81	0.00	0.00	37.52	

09/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.81	0.00	0.00	37.52	740,520.00 *gal*
Application event totals		0.81	0.00	0.00	37.52	

09/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.81	0.00	0.00	37.52	740,520.00 *gal*
Application event totals		0.81	0.00	0.00	37.52	

8 - 10/18/2021: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.81	0.00	0.00	37.52	740,520.00 *gal*
Application event totals		0.81	0.00	0.00	37.52	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.81	0.00	0.00	37.52	740,520.00 *gal*
Application event totals		0.81	0.00	0.00	37.52	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	1.07	0.00	0.00	45.73	767,180.00 *gal*
Application event totals		1.07	0.00	0.00	45.73	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	1.07	0.00	0.00	45.73	767,180.00 *gal*
Application event totals		1.07	0.00	0.00	45.73	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	1.07	0.00	0.00	45.73	767,180.00 *gal*
Application event totals		1.07	0.00	0.00	45.73	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	1.07	0.00	0.00	45.73	767,180.00 *gal*
Application event totals		1.07	0.00	0.00	45.73	

8 - 10/18/2021: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	1.07	0.00	0.00	45.73	767,180.00 *gal*
Application event totals		1.07	0.00	0.00	45.73	

09/20/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.46	0.00	0.00	31.31	733,020.00 *gal*
Application event totals		0.46	0.00	0.00	31.31	

09/21/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.46	0.00	0.00	31.31	733,020.00 *gal*
Application event totals		0.46	0.00	0.00	31.31	

09/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.46	0.00	0.00	31.31	733,020.00 *gal*
Application event totals		0.46	0.00	0.00	31.31	

09/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.46	0.00	0.00	31.31	733,020.00 *gal*
Application event totals		0.46	0.00	0.00	31.31	

09/20/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.81	0.00	0.00	37.52	740,520.00 *gal*
Application event totals		0.81	0.00	0.00	37.52	

8 - 10/18/2021: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/21/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.81	0.00	0.00	37.52	740,520.00 *gal*
Application event totals		0.81	0.00	0.00	37.52	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.81	0.00	0.00	37.52	740,520.00 *gal*
Application event totals		0.81	0.00	0.00	37.52	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.81	0.00	0.00	37.52	740,520.00 *gal*
Application event totals		0.81	0.00	0.00	37.52	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.01	0.00	0.00	1.85	114,920.00 *gal*
Application event totals		0.01	0.00	0.00	1.85	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/28/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.04	0.00	0.00	7.56	469,440.00 *gal*
Application event totals		0.04	0.00	0.00	7.56	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/28/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.11	0.00	0.00	17.94	1,114,920.00 *gal*
Application event totals		0.11	0.00	0.00	17.94	

8 - 10/18/2021: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.11	0.00	0.00	17.94	1,114,920.00 *gal*
Application event totals		0.11	0.00	0.00	17.94	

09/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.11	0.00	0.00	17.94	1,114,920.00 *gal*
Application event totals		0.11	0.00	0.00	17.94	

09/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.46	0.00	0.00	31.31	733,020.00 *gal*
Application event totals		0.46	0.00	0.00	31.31	

09/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.58	0.00	0.00	39.55	925,920.00 *gal*
Application event totals		0.58	0.00	0.00	39.55	

09/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.81	0.00	0.00	37.52	740,520.00 *gal*
Application event totals		0.81	0.00	0.00	37.52	

09/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.81	0.00	0.00	37.52	740,520.00 *gal*
Application event totals		0.81	0.00	0.00	37.52	

8 - 10/18/2021: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.11	0.00	0.00	17.94	1,114,920.00 *gal*
Application event totals		0.11	0.00	0.00	17.94	

10/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.70	0.00	0.00	47.63	1,114,920.00 *gal*
Application event totals		0.70	0.00	0.00	47.63	

9 - 06/16/2023: Sorghum Silage

Field name: 9

Crop: Sorghum Silage

Plant date: 06/16/2023

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/21/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.06	0.00	0.00	9.52	528,120.00 *gal*
Application event totals		0.06	0.00	0.00	9.52	

06/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.06	0.00	0.00	9.52	528,120.00 *gal*
Application event totals		0.06	0.00	0.00	9.52	

06/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.06	0.00	0.00	9.52	528,120.00 *gal*
Application event totals		0.06	0.00	0.00	9.52	

9 - 06/16/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.06	0.00	0.00	9.52	528,120.00 *gal*
Application event totals		0.06	0.00	0.00	9.52	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/21/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.24	0.00	0.00	16.61	347,220.00 *gal*
Application event totals		0.24	0.00	0.00	16.61	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.22	0.00	0.00	14.77	308,640.00 *gal*
Application event totals		0.22	0.00	0.00	14.77	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.24	0.00	0.00	16.61	347,220.00 *gal*
Application event totals		0.24	0.00	0.00	16.61	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.24	0.00	0.00	16.61	347,220.00 *gal*
Application event totals		0.24	0.00	0.00	16.61	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.06	0.00	0.00	9.52	528,120.00 *gal*
Application event totals		0.06	0.00	0.00	9.52	

9 - 06/16/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.06	0.00	0.00	9.52	528,120.00 *gal*
Application event totals		0.06	0.00	0.00	9.52	

06/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.06	0.00	0.00	9.52	528,120.00 *gal*
Application event totals		0.06	0.00	0.00	9.52	

06/28/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.06	0.00	0.00	9.52	528,120.00 *gal*
Application event totals		0.06	0.00	0.00	9.52	

06/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.06	0.00	0.00	9.52	528,120.00 *gal*
Application event totals		0.06	0.00	0.00	9.52	

06/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.24	0.00	0.00	16.61	347,220.00 *gal*
Application event totals		0.24	0.00	0.00	16.61	

06/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.24	0.00	0.00	16.61	347,220.00 *gal*
Application event totals		0.24	0.00	0.00	16.61	

9 - 06/16/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.24	0.00	0.00	16.61	347,220.00 *gal*
Application event totals		0.24	0.00	0.00	16.61	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/28/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.24	0.00	0.00	16.61	347,220.00 *gal*
Application event totals		0.24	0.00	0.00	16.61	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.24	0.00	0.00	16.61	347,220.00 *gal*
Application event totals		0.24	0.00	0.00	16.61	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.24	0.00	0.00	16.61	347,220.00 *gal*
Application event totals		0.24	0.00	0.00	16.61	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.24	0.00	0.00	16.61	347,220.00 *gal*
Application event totals		0.24	0.00	0.00	16.61	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.24	0.00	0.00	16.61	347,220.00 *gal*
Application event totals		0.24	0.00	0.00	16.61	

9 - 06/16/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.24	0.00	0.00	16.61	347,220.00 *gal*
Application event totals		0.24	0.00	0.00	16.61	

07/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.24	0.00	0.00	16.61	347,220.00 *gal*
Application event totals		0.24	0.00	0.00	16.61	

07/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.51	0.00	0.00	35.07	733,020.00 *gal*
Application event totals		0.51	0.00	0.00	35.07	

07/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.51	0.00	0.00	35.07	733,020.00 *gal*
Application event totals		0.51	0.00	0.00	35.07	

07/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.51	0.00	0.00	35.07	733,020.00 *gal*
Application event totals		0.51	0.00	0.00	35.07	

07/28/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.51	0.00	0.00	35.07	733,020.00 *gal*
Application event totals		0.51	0.00	0.00	35.07	

9 - 06/16/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.51	0.00	0.00	35.07	733,020.00 *gal*
Application event totals		0.51	0.00	0.00	35.07	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.18	0.00	0.00	13.43	379,620.00 *gal*
Application event totals		0.18	0.00	0.00	13.43	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.38	0.00	0.00	28.36	801,420.00 *gal*
Application event totals		0.38	0.00	0.00	28.36	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #13	Ground water	0.38	0.00	0.00	28.36	801,420.00 *gal*
Application event totals		0.38	0.00	0.00	28.36	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.86	0.00	0.00	39.98	704,520.00 *gal*
Application event totals		0.86	0.00	0.00	39.98	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/28/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.86	0.00	0.00	39.98	704,520.00 *gal*
Application event totals		0.86	0.00	0.00	39.98	

9 - 06/16/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.86	0.00	0.00	39.98	704,520.00 *gal*
Application event totals		0.86	0.00	0.00	39.98	

07/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	0.51	0.00	0.00	32.97	470,340.00 *gal*
Application event totals		0.51	0.00	0.00	32.97	

07/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.08	0.00	0.00	69.60	992,940.00 *gal*
Application event totals		1.08	0.00	0.00	69.60	

07/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #12	Ground water	1.08	0.00	0.00	69.60	992,940.00 *gal*
Application event totals		1.08	0.00	0.00	69.60	

07/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.11	0.00	0.00	10.46	391,800.00 *gal*
Application event totals		0.11	0.00	0.00	10.46	

08/18/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.51	0.00	0.00	35.07	733,020.00 *gal*
Application event totals		0.51	0.00	0.00	35.07	

9 - 06/16/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.51	0.00	0.00	35.07	733,020.00 *gal*
Application event totals		0.51	0.00	0.00	35.07	

08/18/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.91	0.00	0.00	42.02	740,520.00 *gal*
Application event totals		0.91	0.00	0.00	42.02	

08/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.91	0.00	0.00	42.02	740,520.00 *gal*
Application event totals		0.91	0.00	0.00	42.02	

08/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.09	0.00	0.00	8.37	313,440.00 *gal*
Application event totals		0.09	0.00	0.00	8.37	

08/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	5.15	0.72	3.72	23.13	70,140.00 *gal*
Application event totals		5.15	0.72	3.72	23.13	

08/18/2023	Surface (irrigation)	No precipitation	No precipitation	Light rain

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.09	0.00	0.00	8.37	313,440.00 *gal*
Application event totals		0.09	0.00	0.00	8.37	

9 - 06/16/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/18/2023	Surface (irrigation)	No precipitation	No precipitation	Light rain

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	5.15	0.72	3.72	23.13	70,140.00 *gal*
Application event totals		5.15	0.72	3.72	23.13	

08/19/2023	Surface (irrigation)	No precipitation	Light rain	Light rain

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.09	0.00	0.00	8.37	313,440.00 *gal*
Application event totals		0.09	0.00	0.00	8.37	

08/20/2023	Surface (irrigation)	Light rain	Light rain	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.51	0.00	0.00	35.07	733,020.00 *gal*
Application event totals		0.51	0.00	0.00	35.07	

08/21/2023	Surface (irrigation)	Light rain	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.51	0.00	0.00	35.07	733,020.00 *gal*
Application event totals		0.51	0.00	0.00	35.07	

08/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.51	0.00	0.00	35.07	733,020.00 *gal*
Application event totals		0.51	0.00	0.00	35.07	

08/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.51	0.00	0.00	35.07	733,020.00 *gal*
Application event totals		0.51	0.00	0.00	35.07	

9 - 06/16/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.51	0.00	0.00	35.07	733,020.00 *gal*
Application event totals		0.51	0.00	0.00	35.07	

08/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.65	0.00	0.00	44.30	925,920.00 *gal*
Application event totals		0.65	0.00	0.00	44.30	

08/20/2023	Surface (irrigation)	Light rain	Light rain	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.91	0.00	0.00	42.02	740,520.00 *gal*
Application event totals		0.91	0.00	0.00	42.02	

08/21/2023	Surface (irrigation)	Light rain	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.91	0.00	0.00	42.02	740,520.00 *gal*
Application event totals		0.91	0.00	0.00	42.02	

08/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.91	0.00	0.00	42.02	740,520.00 *gal*
Application event totals		0.91	0.00	0.00	42.02	

08/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.91	0.00	0.00	42.02	740,520.00 *gal*
Application event totals		0.91	0.00	0.00	42.02	

9 - 06/16/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.91	0.00	0.00	42.02	740,520.00 *gal*
Application event totals		0.91	0.00	0.00	42.02	

08/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.91	0.00	0.00	42.02	740,520.00 *gal*
Application event totals		0.91	0.00	0.00	42.02	

08/21/2023	Surface (irrigation)	Light rain	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.09	0.00	0.00	8.37	313,440.00 *gal*
Application event totals		0.09	0.00	0.00	8.37	

08/21/2023	Surface (irrigation)	Light rain	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	5.15	0.72	3.72	23.13	70,140.00 *gal*
Application event totals		5.15	0.72	3.72	23.13	

08/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.09	0.00	0.00	8.37	313,440.00 *gal*
Application event totals		0.09	0.00	0.00	8.37	

08/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.09	0.00	0.00	8.37	313,440.00 *gal*
Application event totals		0.09	0.00	0.00	8.37	

9 - 06/16/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	5.15	0.72	3.72	23.13	70,140.00 *gal*
Application event totals		5.15	0.72	3.72	23.13	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.09	0.00	0.00	8.37	313,440.00 *gal*
Application event totals		0.09	0.00	0.00	8.37	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	5.15	0.72	3.72	23.13	70,140.00 *gal*
Application event totals		5.15	0.72	3.72	23.13	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.12	0.00	0.00	20.10	1,114,920.00 *gal*
Application event totals		0.12	0.00	0.00	20.10	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.12	0.00	0.00	20.10	1,114,920.00 *gal*
Application event totals		0.12	0.00	0.00	20.10	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.12	0.00	0.00	20.10	1,114,920.00 *gal*
Application event totals		0.12	0.00	0.00	20.10	

9 - 06/16/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.12	0.00	0.00	20.10	1,114,920.00 *gal*
Application event totals		0.12	0.00	0.00	20.10	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.12	0.00	0.00	20.10	1,114,920.00 *gal*
Application event totals		0.12	0.00	0.00	20.10	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.51	0.00	0.00	35.07	733,020.00 *gal*
Application event totals		0.51	0.00	0.00	35.07	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.51	0.00	0.00	35.07	733,020.00 *gal*
Application event totals		0.51	0.00	0.00	35.07	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.91	0.00	0.00	42.02	740,520.00 *gal*
Application event totals		0.91	0.00	0.00	42.02	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.91	0.00	0.00	42.02	740,520.00 *gal*
Application event totals		0.91	0.00	0.00	42.02	

9 - 06/16/2023: Sorghum Silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #29	Ground water	0.51	0.00	0.00	35.07	733,020.00 *gal*
Application event totals		0.51	0.00	0.00	35.07	

09/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #27	Ground water	0.91	0.00	0.00	42.02	740,520.00 *gal*
Application event totals		0.91	0.00	0.00	42.02	

10/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #3	Ground water	0.12	0.00	0.00	20.10	1,114,920.00 *gal*
Application event totals		0.12	0.00	0.00	20.10	

10/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well#8	Ground water	0.75	0.00	0.00	32.35	484,560.00 *gal*
Application event totals		0.75	0.00	0.00	32.35	

10/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #10	Ground water	0.05	0.00	0.00	7.65	603,360.00 *gal*
Application event totals		0.05	0.00	0.00	7.65	

Sec. 10-1 - 02/01/2014: Almond, in shell

Field name: Sec. 10-1

Crop: Almond, in shell

Plant date: 02/01/2014

No nutrient budget entered for this crop.

Sec. 10-2 - 02/01/2014: Almond, in shell

Field name: Sec. 10-2
Crop: Almond, in shell
Plant date: 02/01/2014

No nutrient budget entered for this crop.

Sec. 10-3 - 03/01/2014: Almond, in shell

Field name: Sec. 10-3
Crop: Almond, in shell
Plant date: 03/01/2014

No nutrient budget entered for this crop.

Sec. 10-4 - 03/01/2014: Almond, in shell

Field name: Sec. 10-4
Crop: Almond, in shell
Plant date: 03/01/2014

No nutrient budget entered for this crop.

Sec. 11-1 - 11/10/2019: Alfalfa, hay

Field name: Sec. 11-1
Crop: Alfalfa, hay
Plant date: 11/10/2019

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.81	0.00	0.00	50.00	808,800.00 *gal*
Application event totals		0.81	0.00	0.00	50.00	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.81	0.00	0.00	50.00	808,800.00 *gal*
Application event totals		0.81	0.00	0.00	50.00	

Sec. 11-1 - 11/10/2019: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.81	0.00	0.00	50.00	808,800.00 *gal*
Application event totals		0.81	0.00	0.00	50.00	

05/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.73	0.00	0.00	45.00	727,920.00 *gal*
Application event totals		0.73	0.00	0.00	45.00	

05/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.73	0.00	0.00	45.00	727,920.00 *gal*
Application event totals		0.73	0.00	0.00	45.00	

05/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	6.41	609,840.00 *gal*
Application event totals		0.00	0.00	0.00	6.41	

05/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	12.23	1,164,240.00 *gal*
Application event totals		0.00	0.00	0.00	12.23	

05/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	12.23	1,164,240.00 *gal*
Application event totals		0.00	0.00	0.00	12.23	

Sec. 11-1 - 11/10/2019: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	12.23	1,164,240.00 *gal*
Application event totals		0.00	0.00	0.00	12.23	

05/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	12.23	1,164,240.00 *gal*
Application event totals		0.00	0.00	0.00	12.23	

05/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	12.23	1,164,240.00 *gal*
Application event totals		0.00	0.00	0.00	12.23	

05/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	9.32	887,040.00 *gal*
Application event totals		0.00	0.00	0.00	9.32	

05/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	7.05	518,400.00 *gal*
Application event totals		0.00	0.00	0.00	7.05	

05/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	14.80	1,088,640.00 *gal*
Application event totals		0.00	0.00	0.00	14.80	

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Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	14.80	1,088,640.00 *gal*
Application event totals		0.00	0.00	0.00	14.80	

05/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	14.80	1,088,640.00 *gal*
Application event totals		0.00	0.00	0.00	14.80	

05/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	14.80	1,088,640.00 *gal*
Application event totals		0.00	0.00	0.00	14.80	

05/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	13.39	984,960.00 *gal*
Application event totals		0.00	0.00	0.00	13.39	

06/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.81	0.00	0.00	50.00	808,800.00 *gal*
Application event totals		0.81	0.00	0.00	50.00	

05/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.44	0.00	0.00	27.50	444,840.00 *gal*
Application event totals		0.44	0.00	0.00	27.50	

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Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.81	0.00	0.00	50.00	808,800.00 *gal*
Application event totals		0.81	0.00	0.00	50.00	

05/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.81	0.00	0.00	50.00	808,800.00 *gal*
Application event totals		0.81	0.00	0.00	50.00	

05/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	7.04	669,840.00 *gal*
Application event totals		0.00	0.00	0.00	7.04	

05/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	12.23	1,164,240.00 *gal*
Application event totals		0.00	0.00	0.00	12.23	

05/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	12.23	1,164,240.00 *gal*
Application event totals		0.00	0.00	0.00	12.23	

05/31/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	12.23	1,164,240.00 *gal*
Application event totals		0.00	0.00	0.00	12.23	

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Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	12.23	1,164,240.00 *gal*
Application event totals		0.00	0.00	0.00	12.23	

05/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	7.75	570,240.00 *gal*
Application event totals		0.00	0.00	0.00	7.75	

05/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	14.80	1,088,640.00 *gal*
Application event totals		0.00	0.00	0.00	14.80	

05/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	14.80	1,088,640.00 *gal*
Application event totals		0.00	0.00	0.00	14.80	

05/31/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	14.80	1,088,640.00 *gal*
Application event totals		0.00	0.00	0.00	14.80	

06/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	14.80	1,088,640.00 *gal*
Application event totals		0.00	0.00	0.00	14.80	

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Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.81	0.00	0.00	50.00	808,800.00 *gal*
Application event totals		0.81	0.00	0.00	50.00	

06/20/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	12.23	1,164,240.00 *gal*
Application event totals		0.00	0.00	0.00	12.23	

06/21/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	12.23	1,164,240.00 *gal*
Application event totals		0.00	0.00	0.00	12.23	

06/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	12.23	1,164,240.00 *gal*
Application event totals		0.00	0.00	0.00	12.23	

06/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	12.23	1,164,240.00 *gal*
Application event totals		0.00	0.00	0.00	12.23	

06/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	12.23	1,164,240.00 *gal*
Application event totals		0.00	0.00	0.00	12.23	

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Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	4.23	311,040.00 *gal*
Application event totals		0.00	0.00	0.00	4.23	

06/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	13.39	984,960.00 *gal*
Application event totals		0.00	0.00	0.00	13.39	

06/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.81	0.00	0.00	50.00	808,800.00 *gal*
Application event totals		0.81	0.00	0.00	50.00	

06/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.81	0.00	0.00	50.00	808,800.00 *gal*
Application event totals		0.81	0.00	0.00	50.00	

06/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.81	0.00	0.00	50.00	808,800.00 *gal*
Application event totals		0.81	0.00	0.00	50.00	

06/28/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.81	0.00	0.00	50.00	808,800.00 *gal*
Application event totals		0.81	0.00	0.00	50.00	

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Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.81	0.00	0.00	50.00	808,800.00 *gal*
Application event totals		0.81	0.00	0.00	50.00	

06/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.81	0.00	0.00	50.00	808,800.00 *gal*
Application event totals		0.81	0.00	0.00	50.00	

06/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	12.23	1,164,240.00 *gal*
Application event totals		0.00	0.00	0.00	12.23	

06/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	12.23	1,164,240.00 *gal*
Application event totals		0.00	0.00	0.00	12.23	

06/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	12.23	1,164,240.00 *gal*
Application event totals		0.00	0.00	0.00	12.23	

06/28/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	12.23	1,164,240.00 *gal*
Application event totals		0.00	0.00	0.00	12.23	

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Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	12.23	1,164,240.00 *gal*
Application event totals		0.00	0.00	0.00	12.23	

06/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	12.23	1,164,240.00 *gal*
Application event totals		0.00	0.00	0.00	12.23	

06/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.67	0.00	0.00	35.86	853,020.00 *gal*
Application event totals		0.67	0.00	0.00	35.86	

06/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.67	0.00	0.00	35.86	853,020.00 *gal*
Application event totals		0.67	0.00	0.00	35.86	

06/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.67	0.00	0.00	35.86	853,020.00 *gal*
Application event totals		0.67	0.00	0.00	35.86	

06/28/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.67	0.00	0.00	35.86	853,020.00 *gal*
Application event totals		0.67	0.00	0.00	35.86	

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Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.67	0.00	0.00	35.86	853,020.00 *gal*
Application event totals		0.67	0.00	0.00	35.86	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	3.50	332,640.00 *gal*
Application event totals		0.00	0.00	0.00	3.50	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	11.07	1,053,360.00 *gal*
Application event totals		0.00	0.00	0.00	11.07	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/31/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.81	0.00	0.00	50.00	808,800.00 *gal*
Application event totals		0.81	0.00	0.00	50.00	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #16	Ground water	0.00	0.00	0.00	8.00	808,800.00 *gal*
Application event totals		0.00	0.00	0.00	8.00	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.81	0.00	0.00	50.00	808,800.00 *gal*
Application event totals		0.81	0.00	0.00	50.00	

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Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.64	0.00	0.00	34.15	812,400.00 *gal*
Application event totals		0.64	0.00	0.00	34.15	

07/31/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.60	0.00	0.00	32.44	771,780.00 *gal*
Application event totals		0.60	0.00	0.00	32.44	

08/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.60	0.00	0.00	32.44	771,780.00 *gal*
Application event totals		0.60	0.00	0.00	32.44	

08/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.60	0.00	0.00	32.44	771,780.00 *gal*
Application event totals		0.60	0.00	0.00	32.44	

08/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.60	0.00	0.00	32.44	771,780.00 *gal*
Application event totals		0.60	0.00	0.00	32.44	

08/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.60	0.00	0.00	32.44	771,780.00 *gal*
Application event totals		0.60	0.00	0.00	32.44	

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Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.60	0.00	0.00	32.44	771,780.00 *gal*
Application event totals		0.60	0.00	0.00	32.44	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.60	0.00	0.00	32.44	771,780.00 *gal*
Application event totals		0.60	0.00	0.00	32.44	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.60	0.00	0.00	32.44	771,780.00 *gal*
Application event totals		0.60	0.00	0.00	32.44	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	11.07	1,053,360.00 *gal*
Application event totals		0.00	0.00	0.00	11.07	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/31/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	11.07	1,053,360.00 *gal*
Application event totals		0.00	0.00	0.00	11.07	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	11.07	1,053,360.00 *gal*
Application event totals		0.00	0.00	0.00	11.07	

Sec. 11-1 - 11/10/2019: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	11.07	1,053,360.00 *gal*
Application event totals		0.00	0.00	0.00	11.07	

08/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	11.07	1,053,360.00 *gal*
Application event totals		0.00	0.00	0.00	11.07	

08/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	11.07	1,053,360.00 *gal*
Application event totals		0.00	0.00	0.00	11.07	

08/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	11.07	1,053,360.00 *gal*
Application event totals		0.00	0.00	0.00	11.07	

08/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.60	0.00	0.00	32.44	771,780.00 *gal*
Application event totals		0.60	0.00	0.00	32.44	

08/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.60	0.00	0.00	32.44	771,780.00 *gal*
Application event totals		0.60	0.00	0.00	32.44	

Sec. 11-1 - 11/10/2019: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	11.07	1,053,360.00 *gal*
Application event totals		0.00	0.00	0.00	11.07	

08/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	8.16	776,160.00 *gal*
Application event totals		0.00	0.00	0.00	8.16	

08/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.16	0.00	0.00	10.00	161,760.00 *gal*
Application event totals		0.16	0.00	0.00	10.00	

08/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.81	0.00	0.00	50.00	808,800.00 *gal*
Application event totals		0.81	0.00	0.00	50.00	

08/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	2.82	207,360.00 *gal*
Application event totals		0.00	0.00	0.00	2.82	

08/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	13.39	984,960.00 *gal*
Application event totals		0.00	0.00	0.00	13.39	

Sec. 11-1 - 11/10/2019: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.81	0.00	0.00	50.00	808,800.00 *gal*
Application event totals		0.81	0.00	0.00	50.00	

08/28/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.81	0.00	0.00	50.00	808,800.00 *gal*
Application event totals		0.81	0.00	0.00	50.00	

08/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.81	0.00	0.00	50.00	808,800.00 *gal*
Application event totals		0.81	0.00	0.00	50.00	

08/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.81	0.00	0.00	50.00	808,800.00 *gal*
Application event totals		0.81	0.00	0.00	50.00	

08/31/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.81	0.00	0.00	50.00	808,800.00 *gal*
Application event totals		0.81	0.00	0.00	50.00	

09/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.81	0.00	0.00	50.00	808,800.00 *gal*
Application event totals		0.81	0.00	0.00	50.00	

Sec. 11-1 - 11/10/2019: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	13.39	984,960.00 *gal*
Application event totals		0.00	0.00	0.00	13.39	

08/28/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	13.39	984,960.00 *gal*
Application event totals		0.00	0.00	0.00	13.39	

08/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	13.39	984,960.00 *gal*
Application event totals		0.00	0.00	0.00	13.39	

08/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	13.39	984,960.00 *gal*
Application event totals		0.00	0.00	0.00	13.39	

08/31/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	13.39	984,960.00 *gal*
Application event totals		0.00	0.00	0.00	13.39	

09/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	13.39	984,960.00 *gal*
Application event totals		0.00	0.00	0.00	13.39	

Sec. 11-1 - 11/10/2019: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	13.39	984,960.00 *gal*
Application event totals		0.00	0.00	0.00	13.39	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	13.39	984,960.00 *gal*
Application event totals		0.00	0.00	0.00	13.39	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	13.39	984,960.00 *gal*
Application event totals		0.00	0.00	0.00	13.39	

Sec. 11-1 - 11/25/2023: Alfalfa/Winter Forage Mix

Field name: Sec. 11-1

Crop: Alfalfa/Winter Forage Mix

Plant date: 11/25/2023

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.81	0.00	0.00	50.00	808,800.00 *gal*
Application event totals		0.81	0.00	0.00	50.00	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.81	0.00	0.00	50.00	808,800.00 *gal*
Application event totals		0.81	0.00	0.00	50.00	

Sec. 11-1 - 11/25/2023: Alfalfa/Winter Forage Mix

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/28/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.81	0.00	0.00	50.00	808,800.00 *gal*
Application event totals		0.81	0.00	0.00	50.00	

09/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.81	0.00	0.00	50.00	808,800.00 *gal*
Application event totals		0.81	0.00	0.00	50.00	

09/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.77	0.00	0.00	47.50	768,360.00 *gal*
Application event totals		0.77	0.00	0.00	47.50	

09/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	11.07	1,053,360.00 *gal*
Application event totals		0.00	0.00	0.00	11.07	

09/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	13.39	984,960.00 *gal*
Application event totals		0.00	0.00	0.00	13.39	

09/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	13.39	984,960.00 *gal*
Application event totals		0.00	0.00	0.00	13.39	

Sec. 11-1 - 11/25/2023: Alfalfa/Winter Forage Mix

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	13.39	984,960.00 *gal*
Application event totals		0.00	0.00	0.00	13.39	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	13.39	984,960.00 *gal*
Application event totals		0.00	0.00	0.00	13.39	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/28/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	13.39	984,960.00 *gal*
Application event totals		0.00	0.00	0.00	13.39	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	13.39	984,960.00 *gal*
Application event totals		0.00	0.00	0.00	13.39	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	13.39	984,960.00 *gal*
Application event totals		0.00	0.00	0.00	13.39	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	11.07	1,053,360.00 *gal*
Application event totals		0.00	0.00	0.00	11.07	

Sec. 11-1 - 11/25/2023: Alfalfa/Winter Forage Mix

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	11.07	1,053,360.00 *gal*
Application event totals		0.00	0.00	0.00	11.07	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	11.07	1,053,360.00 *gal*
Application event totals		0.00	0.00	0.00	11.07	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/28/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	11.07	1,053,360.00 *gal*
Application event totals		0.00	0.00	0.00	11.07	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.60	0.00	0.00	32.44	771,780.00 *gal*
Application event totals		0.60	0.00	0.00	32.44	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.60	0.00	0.00	32.44	771,780.00 *gal*
Application event totals		0.60	0.00	0.00	32.44	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	13.39	984,960.00 *gal*
Application event totals		0.00	0.00	0.00	13.39	

Sec. 11-1 - 11/25/2023: Alfalfa/Winter Forage Mix

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	13.39	984,960.00 *gal*
Application event totals		0.00	0.00	0.00	13.39	

10/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	13.39	984,960.00 *gal*
Application event totals		0.00	0.00	0.00	13.39	

10/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	13.39	984,960.00 *gal*
Application event totals		0.00	0.00	0.00	13.39	

10/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	11.07	1,053,360.00 *gal*
Application event totals		0.00	0.00	0.00	11.07	

10/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	11.07	1,053,360.00 *gal*
Application event totals		0.00	0.00	0.00	11.07	

10/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	11.07	1,053,360.00 *gal*
Application event totals		0.00	0.00	0.00	11.07	

Sec. 11-1 - 11/25/2023: Alfalfa/Winter Forage Mix

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.60	0.00	0.00	32.44	771,780.00 *gal*
Application event totals		0.60	0.00	0.00	32.44	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
11/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	4.89	0.00	0.00	302.47	4,893,240.00 *gal*
Application event totals		4.89	0.00	0.00	302.47	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
11/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	70.49	6,708,240.00 *gal*
Application event totals		0.00	0.00	0.00	70.49	

Sec. 11-2 - 11/28/2022: Alfalfa, hay

Field name: Sec. 11-2

Crop: Alfalfa, hay

Plant date: 11/28/2022

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
04/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	7.09	527,940.00 *gal*
Application event totals		0.00	0.00	0.00	7.09	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
04/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	2.26	0.00	0.00	121.44	2,924,640.00 *gal*
Application event totals		2.26	0.00	0.00	121.44	

Sec. 11-2 - 11/28/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
04/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	49.44	3,680,640.00 *gal*
Application event totals		0.00	0.00	0.00	49.44	

04/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	2.87	0.00	0.00	177.79	2,911,680.00 *gal*
Application event totals		2.87	0.00	0.00	177.79	

05/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	6.96	518,400.00 *gal*
Application event totals		0.00	0.00	0.00	6.96	

05/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	6.96	518,400.00 *gal*
Application event totals		0.00	0.00	0.00	6.96	

05/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	14.62	1,088,640.00 *gal*
Application event totals		0.00	0.00	0.00	14.62	

05/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	14.62	1,088,640.00 *gal*
Application event totals		0.00	0.00	0.00	14.62	

Sec. 11-2 - 11/28/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	13.23	984,960.00 *gal*
Application event totals		0.00	0.00	0.00	13.23	

05/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	14.62	1,088,640.00 *gal*
Application event totals		0.00	0.00	0.00	14.62	

05/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.31	0.00	0.00	16.87	406,200.00 *gal*
Application event totals		0.31	0.00	0.00	16.87	

05/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.66	0.00	0.00	35.42	853,020.00 *gal*
Application event totals		0.66	0.00	0.00	35.42	

05/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.66	0.00	0.00	35.42	853,020.00 *gal*
Application event totals		0.66	0.00	0.00	35.42	

05/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.66	0.00	0.00	35.42	853,020.00 *gal*
Application event totals		0.66	0.00	0.00	35.42	

Sec. 11-2 - 11/28/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.60	0.00	0.00	32.05	771,780.00 *gal*
Application event totals		0.60	0.00	0.00	32.05	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.40	0.00	0.00	24.69	404,400.00 *gal*
Application event totals		0.40	0.00	0.00	24.69	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.40	0.00	0.00	24.69	404,400.00 *gal*
Application event totals		0.40	0.00	0.00	24.69	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.84	0.00	0.00	51.86	849,240.00 *gal*
Application event totals		0.84	0.00	0.00	51.86	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.84	0.00	0.00	51.86	849,240.00 *gal*
Application event totals		0.84	0.00	0.00	51.86	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.84	0.00	0.00	51.86	849,240.00 *gal*
Application event totals		0.84	0.00	0.00	51.86	

Sec. 11-2 - 11/28/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.72	0.00	0.00	44.45	727,920.00 *gal*
Application event totals		0.72	0.00	0.00	44.45	

05/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	6.96	518,400.00 *gal*
Application event totals		0.00	0.00	0.00	6.96	

05/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	6.27	466,560.00 *gal*
Application event totals		0.00	0.00	0.00	6.27	

05/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	18.80	1,399,680.00 *gal*
Application event totals		0.00	0.00	0.00	18.80	

05/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.28	0.00	0.00	15.18	365,580.00 *gal*
Application event totals		0.28	0.00	0.00	15.18	

05/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.66	0.00	0.00	35.42	853,020.00 *gal*
Application event totals		0.66	0.00	0.00	35.42	

Sec. 11-2 - 11/28/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.47	0.00	0.00	25.30	609,300.00 *gal*
Application event totals		0.47	0.00	0.00	25.30	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.19	0.00	0.00	10.12	243,720.00 *gal*
Application event totals		0.19	0.00	0.00	10.12	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.40	0.00	0.00	24.69	404,400.00 *gal*
Application event totals		0.40	0.00	0.00	24.69	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.84	0.00	0.00	51.86	849,240.00 *gal*
Application event totals		0.84	0.00	0.00	51.86	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	12.09	1,164,240.00 *gal*
Application event totals		0.00	0.00	0.00	12.09	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	12.09	1,164,240.00 *gal*
Application event totals		0.00	0.00	0.00	12.09	

Sec. 11-2 - 11/28/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	12.09	1,164,240.00 *gal*
Application event totals		0.00	0.00	0.00	12.09	

06/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	12.09	1,164,420.00 *gal*
Application event totals		0.00	0.00	0.00	12.09	

06/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	12.09	1,164,420.00 *gal*
Application event totals		0.00	0.00	0.00	12.09	

06/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.80	0.00	0.00	49.39	808,800.00 *gal*
Application event totals		0.80	0.00	0.00	49.39	

06/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.80	0.00	0.00	49.39	808,800.00 *gal*
Application event totals		0.80	0.00	0.00	49.39	

06/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.80	0.00	0.00	49.39	808,800.00 *gal*
Application event totals		0.80	0.00	0.00	49.39	

Sec. 11-2 - 11/28/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.80	0.00	0.00	49.39	808,800.00 *gal*
Application event totals		0.80	0.00	0.00	49.39	

06/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.80	0.00	0.00	49.39	808,800.00 *gal*
Application event totals		0.80	0.00	0.00	49.39	

06/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	12.09	1,164,240.00 *gal*
Application event totals		0.00	0.00	0.00	12.09	

06/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	8.06	776,160.00 *gal*
Application event totals		0.00	0.00	0.00	8.06	

06/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	12.09	1,164,420.00 *gal*
Application event totals		0.00	0.00	0.00	12.09	

06/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.80	0.00	0.00	49.39	808,800.00 *gal*
Application event totals		0.80	0.00	0.00	49.39	

Sec. 11-2 - 11/28/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.80	0.00	0.00	49.39	808,800.00 *gal*
Application event totals		0.80	0.00	0.00	49.39	

06/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.80	0.00	0.00	49.39	808,800.00 *gal*
Application event totals		0.80	0.00	0.00	49.39	

06/14/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.80	0.00	0.00	49.39	808,800.00 *gal*
Application event totals		0.80	0.00	0.00	49.39	

06/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.80	0.00	0.00	49.39	808,800.00 *gal*
Application event totals		0.80	0.00	0.00	49.39	

06/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.66	0.00	0.00	35.42	853,020.00 *gal*
Application event totals		0.66	0.00	0.00	35.42	

06/14/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.66	0.00	0.00	35.42	853,020.00 *gal*
Application event totals		0.66	0.00	0.00	35.42	

Sec. 11-2 - 11/28/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.66	0.00	0.00	35.42	853,020.00 *gal*
Application event totals		0.66	0.00	0.00	35.42	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.63	0.00	0.00	33.73	812,400.00 *gal*
Application event totals		0.63	0.00	0.00	33.73	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.63	0.00	0.00	33.73	812,400.00 *gal*
Application event totals		0.63	0.00	0.00	33.73	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.63	0.00	0.00	33.73	812,400.00 *gal*
Application event totals		0.63	0.00	0.00	33.73	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.63	0.00	0.00	33.73	812,400.00 *gal*
Application event totals		0.63	0.00	0.00	33.73	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/14/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.63	0.00	0.00	33.73	812,400.00 *gal*
Application event totals		0.63	0.00	0.00	33.73	

Sec. 11-2 - 11/28/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.63	0.00	0.00	33.73	812,400.00 *gal*
Application event totals		0.63	0.00	0.00	33.73	

07/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	42.59	4,102,560.00 *gal*
Application event totals		0.00	0.00	0.00	42.59	

07/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.76	0.00	0.00	46.92	768,360.00 *gal*
Application event totals		0.76	0.00	0.00	46.92	

07/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.76	0.00	0.00	46.92	768,360.00 *gal*
Application event totals		0.76	0.00	0.00	46.92	

07/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.76	0.00	0.00	46.92	768,360.00 *gal*
Application event totals		0.76	0.00	0.00	46.92	

07/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.76	0.00	0.00	46.92	768,360.00 *gal*
Application event totals		0.76	0.00	0.00	46.92	

Sec. 11-2 - 11/28/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/14/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.76	0.00	0.00	46.92	768,360.00 *gal*
Application event totals		0.76	0.00	0.00	46.92	

07/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.76	0.00	0.00	46.92	768,360.00 *gal*
Application event totals		0.76	0.00	0.00	46.92	

07/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	3.06	0.00	0.00	17.22	60,120.00 *gal*
Application event totals		3.06	0.00	0.00	17.22	

07/14/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	4.04	0.56	2.92	18.13	60,120.00 *gal*
Application event totals		4.04	0.56	2.92	18.13	

07/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	0.63	0.00	0.00	33.73	812,400.00 *gal*
Application event totals		0.63	0.00	0.00	33.73	

07/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.76	0.00	0.00	46.92	768,360.00 *gal*
Application event totals		0.76	0.00	0.00	46.92	

Sec. 11-2 - 11/28/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/21/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	0.44	0.00	0.00	27.16	444,840.00 *gal*
Application event totals		0.44	0.00	0.00	27.16	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/14/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-3	Ground water	0.00	0.00	0.00	110.92	7,266,240.00 *gal*
Application event totals		0.00	0.00	0.00	110.92	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #18	Ground water	4.52	0.00	0.00	242.87	5,849,280.00 *gal*
Application event totals		4.52	0.00	0.00	242.87	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	87.05	6,480,000.00 *gal*
Application event totals		0.00	0.00	0.00	87.05	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	58.12	5,599,440.00 *gal*
Application event totals		0.00	0.00	0.00	58.12	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	2.30	221,760.00 *gal*
Application event totals		0.00	0.00	0.00	2.30	

Sec. 11-2 - 11/28/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/26/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	10.93	1,053,360.00 *gal*
Application event totals		0.00	0.00	0.00	10.93	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	10.93	1,053,360.00 *gal*
Application event totals		0.00	0.00	0.00	10.93	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/28/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	10.93	1,053,360.00 *gal*
Application event totals		0.00	0.00	0.00	10.93	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	10.93	1,053,360.00 *gal*
Application event totals		0.00	0.00	0.00	10.93	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/30/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	10.93	1,053,360.00 *gal*
Application event totals		0.00	0.00	0.00	10.93	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
08/31/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	10.93	1,053,360.00 *gal*
Application event totals		0.00	0.00	0.00	10.93	

Sec. 11-2 - 11/28/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	10.93	1,053,360.00 *gal*
Application event totals		0.00	0.00	0.00	10.93	

09/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	10.93	1,053,360.00 *gal*
Application event totals		0.00	0.00	0.00	10.93	

09/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	10.93	1,053,360.00 *gal*
Application event totals		0.00	0.00	0.00	10.93	

09/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-1	Ground water	0.00	0.00	0.00	113.37	10,921,680.00 *gal*
Application event totals		0.00	0.00	0.00	113.37	

09/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	153.90	11,456,640.00 *gal*
Application event totals		0.00	0.00	0.00	153.90	

09/20/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-3	Ground water	0.00	0.00	0.00	110.92	7,266,240.00 *gal*
Application event totals		0.00	0.00	0.00	110.92	

Sec. 11-2 - 11/28/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	7.97	0.00	0.00	492.74	8,069,560.00 *gal*
Application event totals		7.97	0.00	0.00	492.74	

10/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-3	Ground water	0.00	0.00	0.00	34.80	2,279,900.00 *gal*
Application event totals		0.00	0.00	0.00	34.80	

Sec. 11-3 - 12/07/2022: Alfalfa/Wheat Mix Hay

Field name: Sec. 11-3

Crop: Alfalfa/Wheat Mix Hay

Plant date: 12/07/2022

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
03/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.09	0.00	0.00	8.31	352,620.00 *gal*
Application event totals		0.09	0.00	0.00	8.31	

03/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	2.91	0.18	1.32	8.95	80,160.00 *gal*
Application event totals		2.91	0.18	1.32	8.95	

03/20/2023	Surface (irrigation)	No precipitation	Steady rain	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.08	0.00	0.00	7.39	313,440.00 *gal*
Application event totals		0.08	0.00	0.00	7.39	

Sec. 11-3 - 12/07/2022: Alfalfa/Wheat Mix Hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
03/22/2023	Surface (irrigation)	Light rain	Light rain	Light rain

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.08	0.00	0.00	7.39	313,440.00 *gal*
Application event totals		0.08	0.00	0.00	7.39	

03/22/2023	Surface (irrigation)	Light rain	Light rain	Light rain

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	2.91	0.18	1.32	8.95	80,160.00 *gal*
Application event totals		2.91	0.18	1.32	8.95	

Sec. 11-3 - 12/11/2023: Winter Forage

Field name: Sec. 11-3

Crop: Winter Forage Plant date: 12/11/2023

No nutrient budget entered for this crop.

Sec. 11-4 - 11/10/2022: Alfalfa, hay

Field name: Sec. 11-4

Crop: Alfalfa, hay Plant date: 11/10/2022

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
04/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-3	Ground water	0.00	0.00	0.00	96.49	5,241,600.00 *gal*
Application event totals		0.00	0.00	0.00	96.49	

05/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-3	Ground water	0.00	0.00	0.00	10.22	555,060.00 *gal*
Application event totals		0.00	0.00	0.00	10.22	

Sec. 11-4 - 11/10/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-3	Ground water	0.00	0.00	0.00	10.22	555,060.00 *gal*
Application event totals		0.00	0.00	0.00	10.22	

05/02/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-3	Ground water	0.00	0.00	0.00	19.51	1,059,660.00 *gal*
Application event totals		0.00	0.00	0.00	19.51	

05/03/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-3	Ground water	0.00	0.00	0.00	19.51	1,059,660.00 *gal*
Application event totals		0.00	0.00	0.00	19.51	

05/04/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-3	Ground water	0.00	0.00	0.00	19.51	1,059,660.00 *gal*
Application event totals		0.00	0.00	0.00	19.51	

05/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-3	Ground water	0.00	0.00	0.00	16.72	908,280.00 *gal*
Application event totals		0.00	0.00	0.00	16.72	

05/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-3	Ground water	0.00	0.00	0.00	8.36	454,140.00 *gal*
Application event totals		0.00	0.00	0.00	8.36	

Sec. 11-4 - 11/10/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-3	Ground water	0.00	0.00	0.00	10.22	555,060.00 *gal*
Application event totals		0.00	0.00	0.00	10.22	

05/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-3	Ground water	0.00	0.00	0.00	19.51	1,059,660.00 *gal*
Application event totals		0.00	0.00	0.00	19.51	

05/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-3	Ground water	0.00	0.00	0.00	19.51	1,059,660.00 *gal*
Application event totals		0.00	0.00	0.00	19.51	

05/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-3	Ground water	0.00	0.00	0.00	17.65	958,740.00 *gal*
Application event totals		0.00	0.00	0.00	17.65	

05/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-3	Ground water	0.00	0.00	0.00	10.22	555,060.00 *gal*
Application event totals		0.00	0.00	0.00	10.22	

05/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	5.04	311,040.00 *gal*
Application event totals		0.00	0.00	0.00	5.04	

Sec. 11-4 - 11/10/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	18.47	1,140,480.00 *gal*
Application event totals		0.00	0.00	0.00	18.47	

06/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	5.88	362,880.00 *gal*
Application event totals		0.00	0.00	0.00	5.88	

06/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	17.64	1,088,640.00 *gal*
Application event totals		0.00	0.00	0.00	17.64	

06/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	17.64	1,088,640.00 *gal*
Application event totals		0.00	0.00	0.00	17.64	

06/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	17.64	1,088,640.00 *gal*
Application event totals		0.00	0.00	0.00	17.64	

06/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	11.76	725,760.00 *gal*
Application event totals		0.00	0.00	0.00	11.76	

Sec. 11-4 - 11/10/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	24.35	1,503,360.00 *gal*
Application event totals		0.00	0.00	0.00	24.35	

06/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	5.04	311,040.00 *gal*
Application event totals		0.00	0.00	0.00	5.04	

06/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-3	Ground water	0.00	0.00	0.00	19.51	1,059,660.00 *gal*
Application event totals		0.00	0.00	0.00	19.51	

06/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-3	Ground water	0.00	0.00	0.00	19.51	1,059,660.00 *gal*
Application event totals		0.00	0.00	0.00	19.51	

06/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-3	Ground water	0.00	0.00	0.00	19.51	1,059,660.00 *gal*
Application event totals		0.00	0.00	0.00	19.51	

06/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-3	Ground water	0.00	0.00	0.00	19.51	1,059,660.00 *gal*
Application event totals		0.00	0.00	0.00	19.51	

Sec. 11-4 - 11/10/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-3	Ground water	0.00	0.00	0.00	19.51	1,059,660.00 *gal*
Application event totals		0.00	0.00	0.00	19.51	

06/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-3	Ground water	0.00	0.00	0.00	19.51	1,059,660.00 *gal*
Application event totals		0.00	0.00	0.00	19.51	

06/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	17.64	1,088,640.00 *gal*
Application event totals		0.00	0.00	0.00	17.64	

06/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	17.64	1,088,640.00 *gal*
Application event totals		0.00	0.00	0.00	17.64	

06/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	11.76	725,760.00 *gal*
Application event totals		0.00	0.00	0.00	11.76	

06/14/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	57.94	3,576,960.00 *gal*
Application event totals		0.00	0.00	0.00	57.94	

Sec. 11-4 - 11/10/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
06/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	41.15	2,540,160.00 *gal*
Application event totals		0.00	0.00	0.00	41.15	

06/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-3	Ground water	0.00	0.00	0.00	19.51	1,059,660.00 *gal*
Application event totals		0.00	0.00	0.00	19.51	

06/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-3	Ground water	0.00	0.00	0.00	19.51	1,059,660.00 *gal*
Application event totals		0.00	0.00	0.00	19.51	

06/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-3	Ground water	0.00	0.00	0.00	19.51	1,059,660.00 *gal*
Application event totals		0.00	0.00	0.00	19.51	

06/14/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-3	Ground water	0.00	0.00	0.00	19.51	1,059,660.00 *gal*
Application event totals		0.00	0.00	0.00	19.51	

06/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	84.82	5,235,840.00 *gal*
Application event totals		0.00	0.00	0.00	84.82	

Sec. 11-4 - 11/10/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-3	Ground water	0.00	0.00	0.00	17.65	958,740.00 *gal*
Application event totals		0.00	0.00	0.00	17.65	

07/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-3	Ground water	0.00	0.00	0.00	17.65	958,740.00 *gal*
Application event totals		0.00	0.00	0.00	17.65	

07/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-3	Ground water	0.00	0.00	0.00	17.65	958,740.00 *gal*
Application event totals		0.00	0.00	0.00	17.65	

07/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-3	Ground water	0.00	0.00	0.00	17.65	958,740.00 *gal*
Application event totals		0.00	0.00	0.00	17.65	

07/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-3	Ground water	0.00	0.00	0.00	17.65	958,740.00 *gal*
Application event totals		0.00	0.00	0.00	17.65	

07/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-3	Ground water	0.00	0.00	0.00	17.65	958,740.00 *gal*
Application event totals		0.00	0.00	0.00	17.65	

Sec. 11-4 - 11/10/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/13/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-3	Ground water	0.00	0.00	0.00	17.65	958,740.00 *gal*
Application event totals		0.00	0.00	0.00	17.65	

07/14/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-3	Ground water	0.00	0.00	0.00	17.65	958,740.00 *gal*
Application event totals		0.00	0.00	0.00	17.65	

07/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-3	Ground water	0.00	0.00	0.00	17.65	958,740.00 *gal*
Application event totals		0.00	0.00	0.00	17.65	

07/16/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-3	Ground water	0.00	0.00	0.00	17.65	958,740.00 *gal*
Application event totals		0.00	0.00	0.00	17.65	

07/17/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-3	Ground water	0.00	0.00	0.00	17.65	958,740.00 *gal*
Application event totals		0.00	0.00	0.00	17.65	

07/18/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-3	Ground water	0.00	0.00	0.00	17.65	958,740.00 *gal*
Application event totals		0.00	0.00	0.00	17.65	

Sec. 11-4 - 11/10/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
07/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-3	Ground water	0.00	0.00	0.00	17.65	958,740.00 *gal*
Application event totals		0.00	0.00	0.00	17.65	

07/21/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-3	Ground water	0.00	0.00	0.00	17.65	958,740.00 *gal*
Application event totals		0.00	0.00	0.00	17.65	

07/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-3	Ground water	0.00	0.00	0.00	17.65	958,740.00 *gal*
Application event totals		0.00	0.00	0.00	17.65	

08/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-3	Ground water	0.00	0.00	0.00	136.54	7,417,620.00 *gal*
Application event totals		0.00	0.00	0.00	136.54	

08/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	7.08	0.00	0.00	437.72	5,944,680.00 *gal*
Application event totals		7.08	0.00	0.00	437.72	

09/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-5	Ground water	0.00	0.00	0.00	15.53	958,740.00 *gal*
Application event totals		0.00	0.00	0.00	15.53	

Sec. 11-4 - 11/10/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	9.29	0.00	0.00	574.69	7,804,920.00 *gal*
Application event totals		9.29	0.00	0.00	574.69	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/14/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-3	Ground water	0.00	0.00	0.00	134.69	7,316,700.00 *gal*
Application event totals		0.00	0.00	0.00	134.69	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.20	0.00	0.00	18.46	626,880.00 *gal*
Application event totals		0.20	0.00	0.00	18.46	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	11.36	1.58	8.21	51.03	140,280.00 *gal*
Application event totals		11.36	1.58	8.21	51.03	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #4	Ground water	0.28	0.00	0.00	25.39	861,960.00 *gal*
Application event totals		0.28	0.00	0.00	25.39	

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
09/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Pond	Process wastewater	17.04	2.37	12.32	76.54	210,420.00 *gal*
Application event totals		17.04	2.37	12.32	76.54	

Sec. 11-4 - 11/10/2022: Alfalfa, hay

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
10/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #11-3	Ground water	0.00	0.00	0.00	267.52	14,532,480.00 *gal*
Application event totals		0.00	0.00	0.00	267.52	

10/11/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Ag Well #19	Ground water	4.38	0.00	0.00	270.97	3,680,040.00 *gal*
Application event totals		4.38	0.00	0.00	270.97	

Sec. 11-5 - 01/01/2015: Almond, in shell

Field name: Sec. 11-5

Crop: Almond, in shell Plant date: 01/01/2015

No nutrient budget entered for this crop.

Sec. 11-6 - 01/01/2015: Almond, in shell

Field name: Sec. 11-6

Crop: Almond, in shell Plant date: 01/01/2015

No nutrient budget entered for this crop.

Sec. 11-7 - 01/01/2017: Almond, in shell

Field name: Sec. 11-7

Crop: Almond, in shell Plant date: 01/01/2017

No nutrient budget entered for this crop.

Sec. 11-8 - 01/01/2017: Almond, in shell

Field name: Sec. 11-8

Crop: Almond, in shell Plant date: 01/01/2017

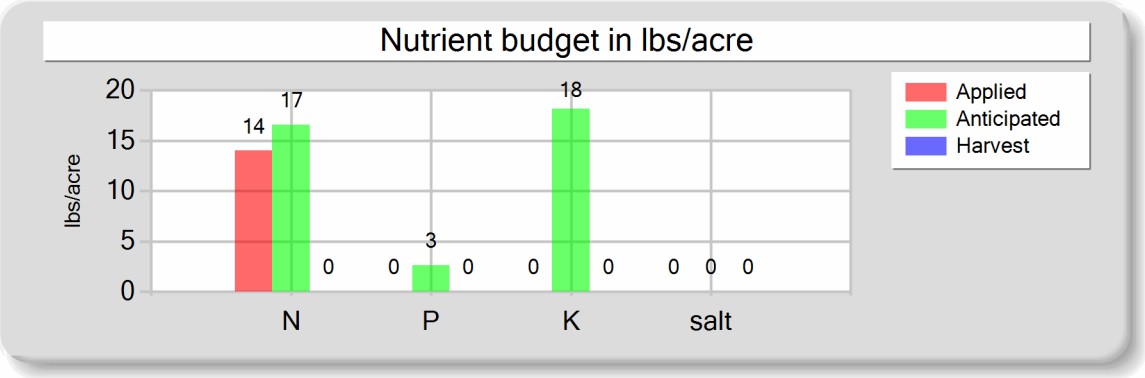
Sec. 11-8 - 01/01/2017: Almond, in shell

No nutrient budget entered for this crop.

B. NUTRIENT BUDGET

1 - 05/01/1993: Raisins

Field name: 1 Crop: Raisins Plant date: 05/01/1993



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	0.00	0.00	0.00	0.00
Fresh water	0.00	0.00	0.00	0.00
Atmospheric deposition	14.00	0.00	0.00	0.00
Total nutrients applied	14.00	0.00	0.00	0.00
Anticipated crop nutrient removal	16.60	2.60	18.20	0.00
Actual crop nutrient removal	0.00	0.00	0.00	0.00
Nutrient balance	14.00	0.00	0.00	0.00
Applied to removed ratio	0.00	0.00	0.00	0.00

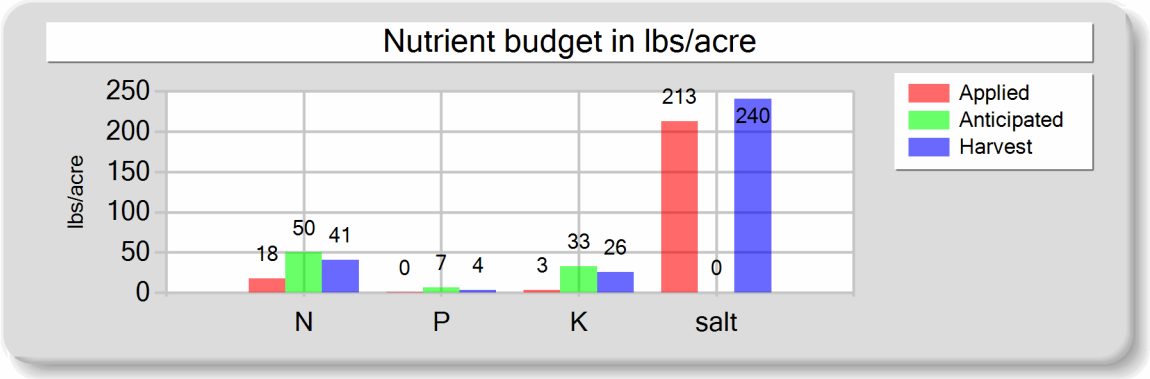
Fresh water applied
0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

Process wastewater applied
0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

Total harvests for the crop
1 *harvests*

10 - 11/07/2022: Wheat Hay

Field name: 10 Crop: Wheat Hay Plant date: 11/07/2022



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	7.00	0.43	3.18	21.55
Fresh water	3.57	0.00	0.00	191.52
Atmospheric deposition	7.00	0.00	0.00	0.00
Total nutrients applied	17.57	0.43	3.18	213.07
Anticipated crop nutrient removal	50.00	6.50	33.00	0.00
Actual crop nutrient removal	40.75	3.60	25.78	240.33
Nutrient balance	-23.18	-3.18	-22.60	-27.27
Applied to removed ratio	0.43	0.12	0.12	0.89

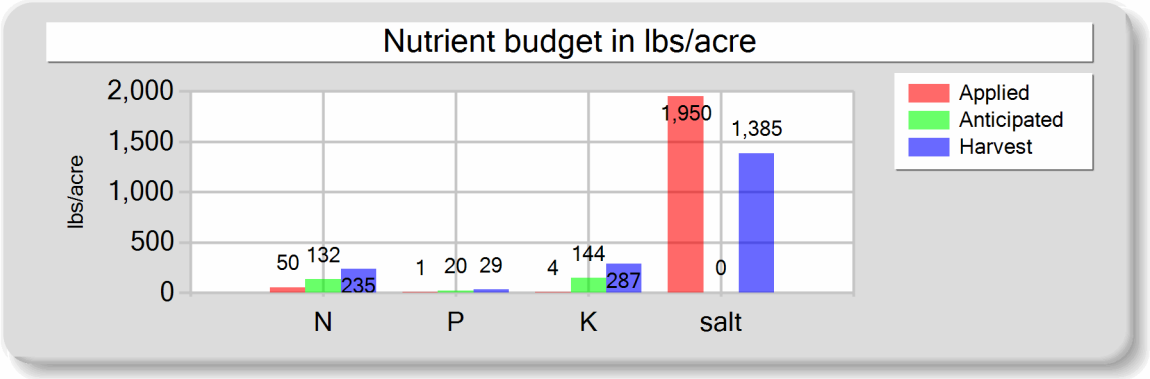
Fresh water applied	
5,320,380.00	*gallons*
195.93	*acre-inches*
2.61	*inches/acre*

Process wastewater applied	
170,340.00	*gallons*
6.27	*acre-inches*
0.08	*inches/acre*

Total harvests for the crop	
1	*harvests*

10 - 07/20/2023: Sorghum Silage

Field name: 10 Crop: Sorghum Silage Plant date: 07/20/2023



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	5.29	0.74	3.82	23.77
Fresh water	37.38	0.00	0.00	1,926.09
Atmospheric deposition	7.00	0.00	0.00	0.00
Total nutrients applied	49.67	0.74	3.82	1,949.85
Anticipated crop nutrient removal	132.00	20.40	144.00	0.00
Actual crop nutrient removal	234.90	29.36	287.09	1,385.45
Nutrient balance	-185.23	-28.63	-283.27	564.40
Applied to removed ratio	0.21	0.03	0.01	1.41

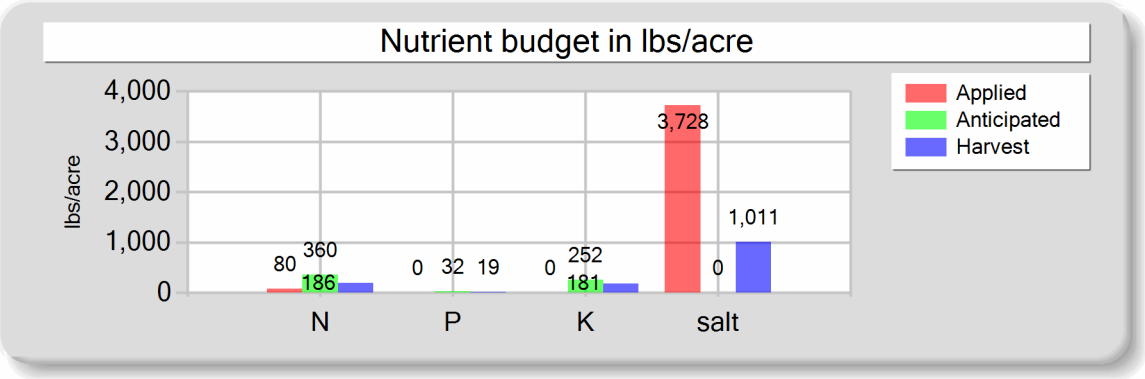
Fresh water applied	
55,037,020.00	*gallons*
2,026.83	*acre-inches*
27.76	*inches/acre*

Process wastewater applied	
70,140.00	*gallons*
2.58	*acre-inches*
0.04	*inches/acre*

Total harvests for the crop	
1	*harvests*

11 - 11/10/2019: Alfalfa, hay

Field name: 11 Crop: Alfalfa, hay Plant date: 11/10/2019



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	10.59	0.00	0.00	59.59
Fresh water	58.25	0.00	0.00	3,668.41
Atmospheric deposition	11.20	0.00	0.00	0.00
Total nutrients applied	80.03	0.00	0.00	3,728.00
Anticipated crop nutrient removal	360.00	32.40	252.00	0.00
Actual crop nutrient removal	186.24	19.25	181.44	1,011.10
Nutrient balance	-106.21	-19.25	-181.44	2,716.89
Applied to removed ratio	0.43	0.00	0.00	3.69

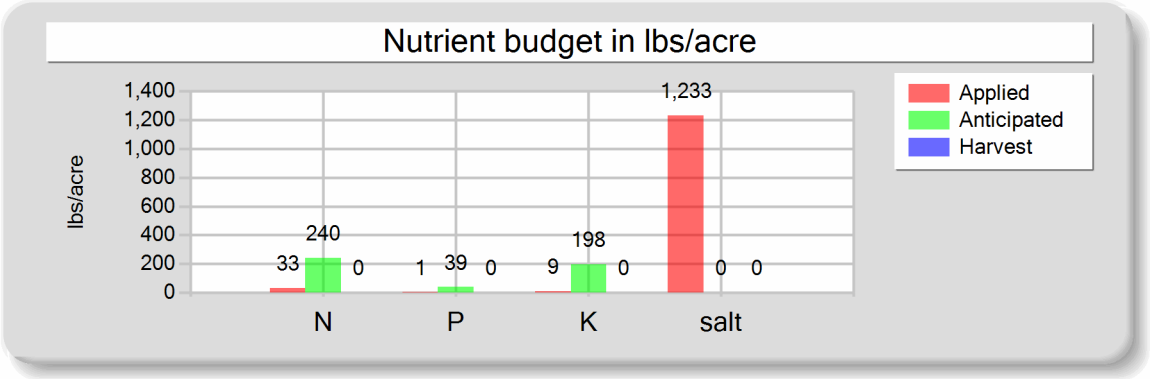
Fresh water applied	
80,064,420.00	*gallons*
2,948.50	*acre-inches*
37.32	*inches/acre*

Process wastewater applied	
200,400.00	*gallons*
7.38	*acre-inches*
0.09	*inches/acre*

Total harvests for the crop	
4	*harvests*

11 - 12/08/2023: Alfalfa/Winter Forage Mix

Field name: 11 Crop: Alfalfa/Winter Forage Mix Plant date: 12/08/2023



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	12.90	1.42	8.98	52.25
Fresh water	17.24	0.00	0.00	1,180.88
Atmospheric deposition	2.80	0.00	0.00	0.00
Total nutrients applied	32.94	1.42	8.98	1,233.13
Anticipated crop nutrient removal	240.00	39.00	198.00	0.00
Actual crop nutrient removal	0.00	0.00	0.00	0.00
Nutrient balance	32.94	1.42	8.98	1,233.13
Applied to removed ratio	0.00	0.00	0.00	0.00

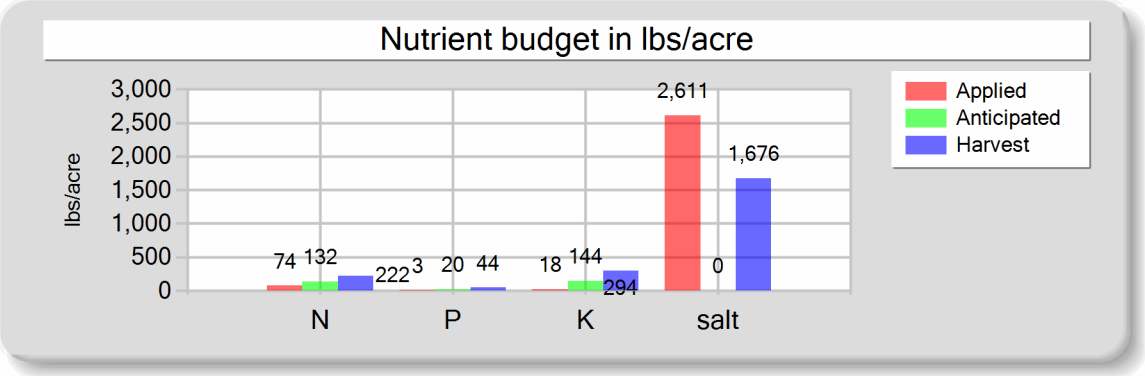
Fresh water applied	
23,565,660.00	*gallons*
867.84	*acre-inches*
10.99	*inches/acre*

Process wastewater applied	
140,280.00	*gallons*
5.17	*acre-inches*
0.07	*inches/acre*

Total harvests for the crop	
1	*harvests*

12 - 06/28/2023: Sorghum Silage

Field name: 12 Crop: Sorghum Silage Plant date: 06/28/2023



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	25.08	3.49	18.13	112.65
Fresh water	41.61	0.00	0.00	2,498.05
Atmospheric deposition	7.00	0.00	0.00	0.00
Total nutrients applied	73.69	3.49	18.13	2,610.71
Anticipated crop nutrient removal	132.00	20.40	144.00	0.00
Actual crop nutrient removal	222.01	44.40	293.74	1,675.89
Nutrient balance	-148.32	-40.91	-275.61	934.82
Applied to removed ratio	0.33	0.08	0.06	1.56

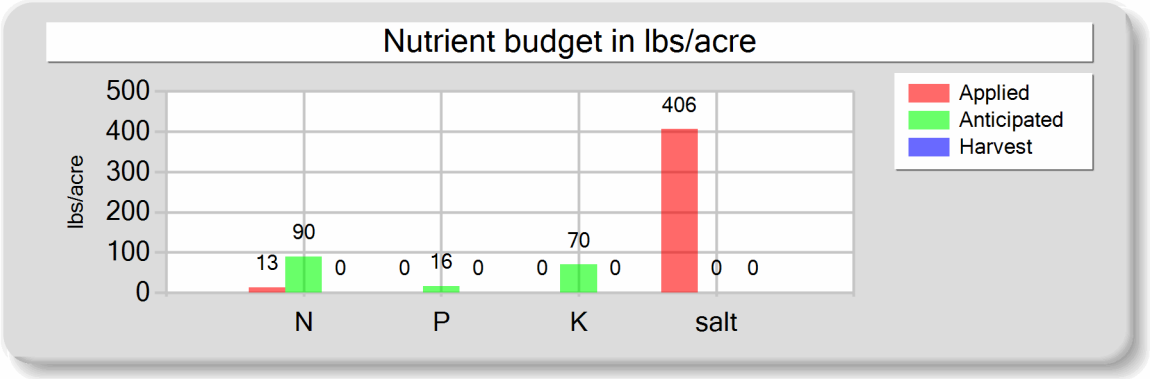
Fresh water applied	
75,983,220.00	*gallons*
2,798.20	*acre-inches*
36.34	*inches/acre*

Process wastewater applied	
350,700.00	*gallons*
12.92	*acre-inches*
0.17	*inches/acre*

Total harvests for the crop	
1	*harvests*

12 - 12/09/2023: Winter Forage

Field name: 12 Crop: Winter Forage Plant date: 12/09/2023



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	0.00	0.00	0.00	0.00
Fresh water	5.91	0.00	0.00	405.90
Atmospheric deposition	7.00	0.00	0.00	0.00
Total nutrients applied	12.91	0.00	0.00	405.90
Anticipated crop nutrient removal	90.00	16.20	69.60	0.00
Actual crop nutrient removal	0.00	0.00	0.00	0.00
Nutrient balance	12.91	0.00	0.00	405.90
Applied to removed ratio	0.00	0.00	0.00	0.00

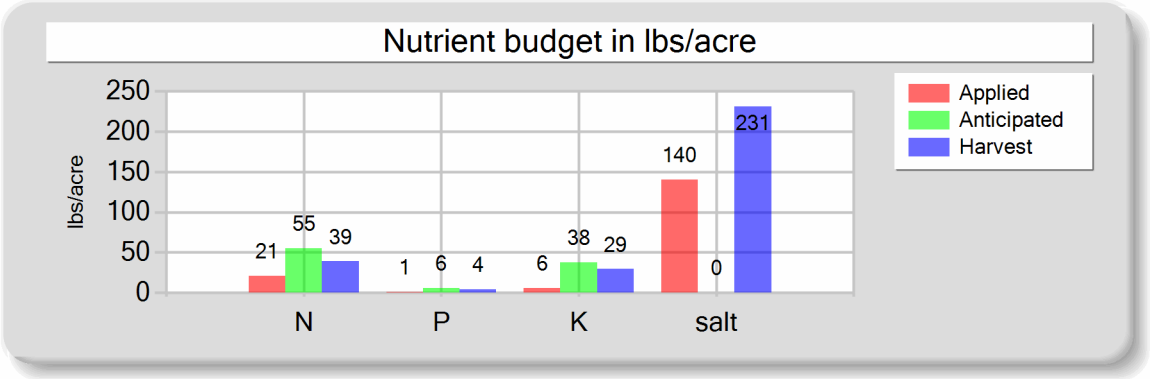
Fresh water applied	
9,059,160.00	*gallons*
333.62	*acre-inches*
4.17	*inches/acre*

Process wastewater applied	
0.00	*gallons*
0.00	*acre-inches*
0.00	*inches/acre*

Total harvests for the crop	
1	*harvests*

13 - 11/23/2022: Alfalfa/Wheat Mix Hay

Field name: 13 Crop: Alfalfa/Wheat Mix Hay Plant date: 11/23/2022



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	12.83	0.78	5.83	39.51
Fresh water	1.28	0.00	0.00	100.61
Atmospheric deposition	7.00	0.00	0.00	0.00
Total nutrients applied	21.11	0.78	5.83	140.12
Anticipated crop nutrient removal	55.00	6.00	37.50	0.00
Actual crop nutrient removal	38.77	4.25	29.27	231.12
Nutrient balance	-17.66	-3.47	-23.44	-91.00
Applied to removed ratio	0.54	0.18	0.20	0.61

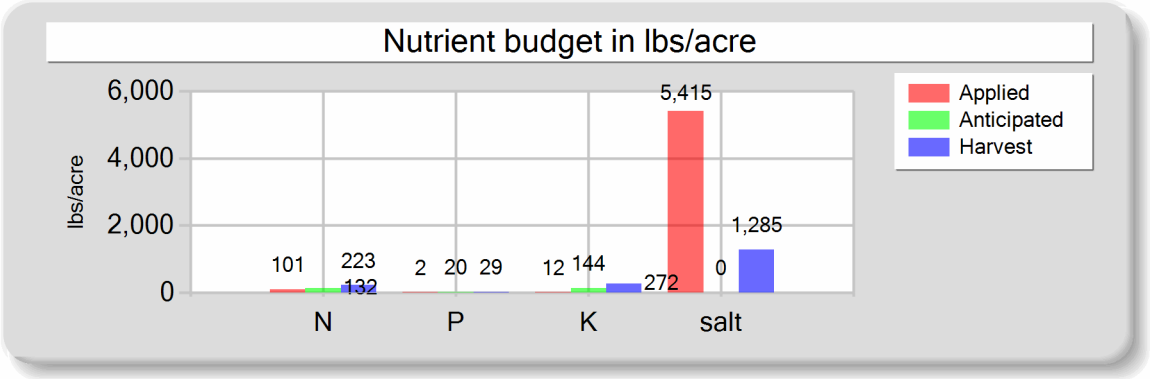
Fresh water applied	
2,751,960.00	*gallons*
101.35	*acre-inches*
1.32	*inches/acre*

Process wastewater applied	
320,640.00	*gallons*
11.81	*acre-inches*
0.15	*inches/acre*

Total harvests for the crop	
1	*harvests*

13 - 07/13/2023: Sorghum Silage

Field name: 13 Crop: Sorghum Silage Plant date: 07/13/2023



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	17.04	2.37	12.32	76.54
Fresh water	76.86	0.00	0.00	5,338.69
Atmospheric deposition	7.00	0.00	0.00	0.00
Total nutrients applied	100.90	2.37	12.32	5,415.23
Anticipated crop nutrient removal	132.00	20.40	144.00	0.00
Actual crop nutrient removal	223.42	29.06	271.56	1,285.12
Nutrient balance	-122.52	-26.69	-259.24	4,130.11
Applied to removed ratio	0.45	0.08	0.05	4.21

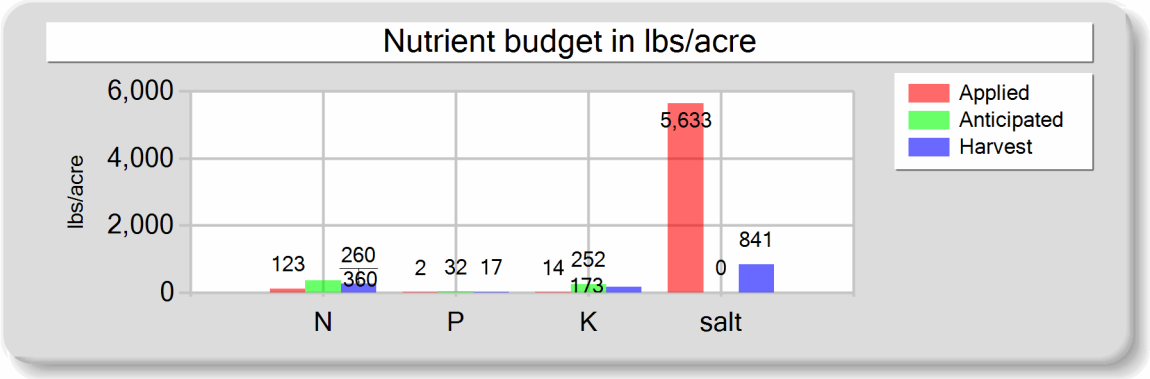
Fresh water applied	
95,224,180.00	*gallons*
3,506.78	*acre-inches*
51.57	*inches/acre*

Process wastewater applied	
210,420.00	*gallons*
7.75	*acre-inches*
0.11	*inches/acre*

Total harvests for the crop	
1	*harvests*

14 - 11/15/2022: Alfalfa, hay

Field name: 14 Crop: Alfalfa, hay Plant date: 11/15/2022



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	20.65	2.28	14.38	83.67
Fresh water	88.72	0.00	0.00	5,549.58
Atmospheric deposition	14.00	0.00	0.00	0.00
Total nutrients applied	123.38	2.28	14.38	5,633.25
Anticipated crop nutrient removal	360.00	32.40	252.00	0.00
Actual crop nutrient removal	260.09	17.04	172.84	841.36
Nutrient balance	-136.71	-14.76	-158.46	4,791.89
Applied to removed ratio	0.47	0.13	0.08	6.70

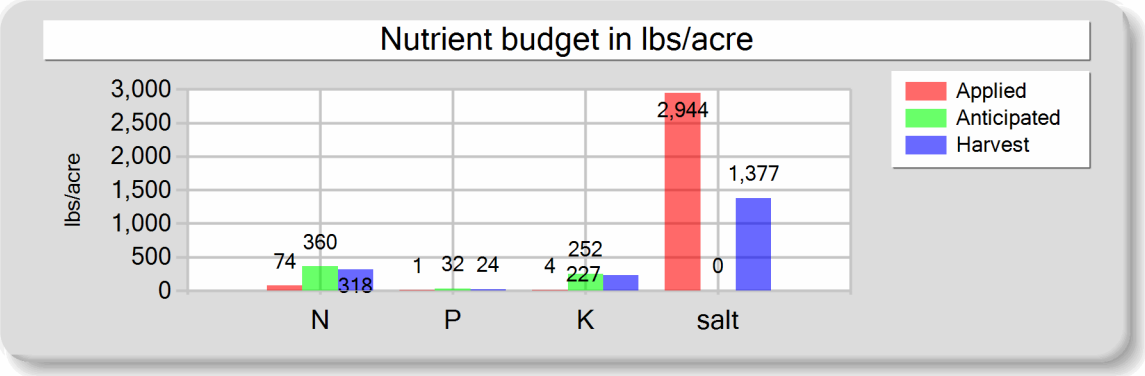
Fresh water applied	
102,639,960.00	*gallons*
3,779.88	*acre-inches*
51.08	*inches/acre*

Process wastewater applied	
210,420.00	*gallons*
7.75	*acre-inches*
0.10	*inches/acre*

Total harvests for the crop	
5	*harvests*

15 - 10/18/2018: Alfalfa, hay

Field name: 15 Crop: Alfalfa, hay Plant date: 10/18/2018



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	9.08	0.55	4.12	27.96
Fresh water	52.89	0.00	0.00	2,916.50
Atmospheric deposition	11.67	0.00	0.00	0.00
Total nutrients applied	73.63	0.55	4.12	2,944.46
Anticipated crop nutrient removal	360.00	32.40	252.00	0.00
Actual crop nutrient removal	318.34	24.00	227.42	1,376.80
Nutrient balance	-244.71	-23.45	-223.29	1,567.66
Applied to removed ratio	0.23	0.02	0.02	2.14

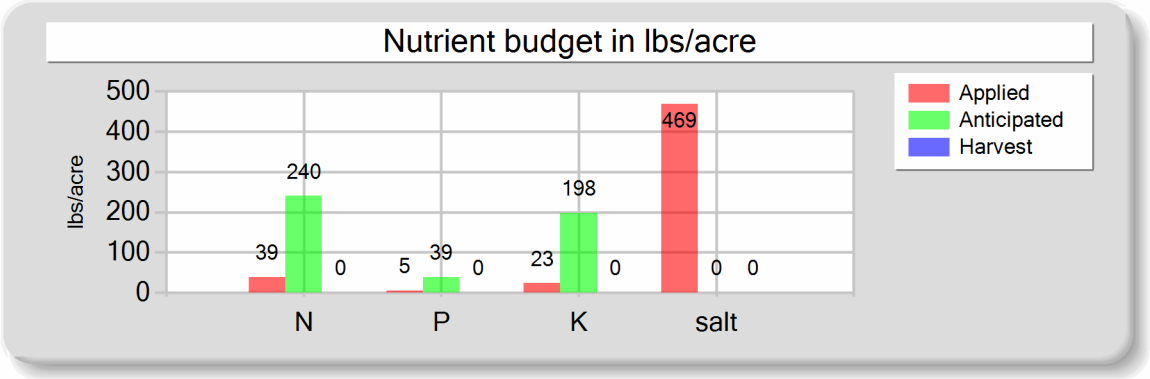
Fresh water applied	
52,770,640.00	*gallons*
1,943.36	*acre-inches*
28.58	*inches/acre*

Process wastewater applied	
200,400.00	*gallons*
7.38	*acre-inches*
0.11	*inches/acre*

Total harvests for the crop	
5	*harvests*

15 - 11/17/2023: Alfalfa/Winter Forage Mix

Field name: 15 Crop: Alfalfa/Winter Forage Mix Plant date: 11/17/2023



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	32.46	4.52	23.46	145.79
Fresh water	3.99	0.00	0.00	323.23
Atmospheric deposition	2.33	0.00	0.00	0.00
Total nutrients applied	38.78	4.52	23.46	469.02
Anticipated crop nutrient removal	240.00	39.00	198.00	0.00
Actual crop nutrient removal	0.00	0.00	0.00	0.00
Nutrient balance	38.78	4.52	23.46	469.02
Applied to removed ratio	0.00	0.00	0.00	0.00

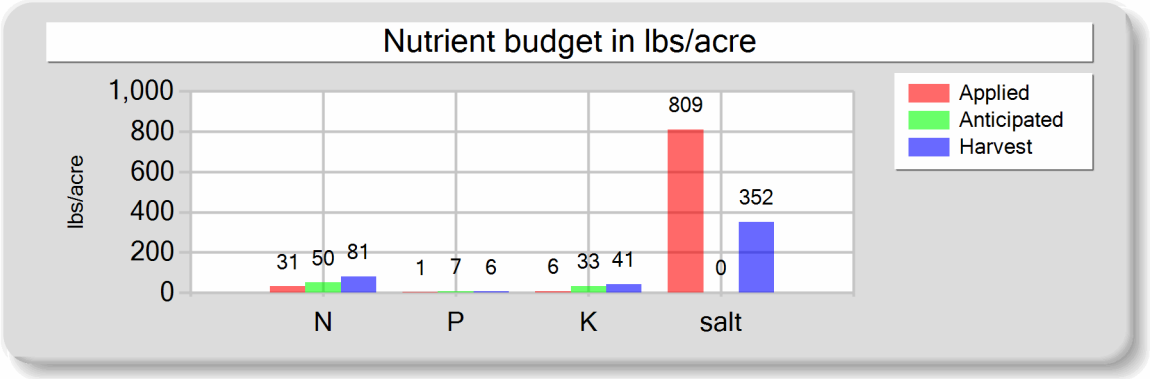
Fresh water applied	
10,124,280.00	*gallons*
372.84	*acre-inches*
5.48	*inches/acre*

Process wastewater applied	
400,800.00	*gallons*
14.76	*acre-inches*
0.22	*inches/acre*

Total harvests for the crop	
1	*harvests*

16 - 11/03/2022: Wheat Hay

Field name: 16 Crop: Wheat Hay Plant date: 11/03/2022



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	13.00	0.79	5.90	40.03
Fresh water	10.65	0.00	0.00	768.91
Atmospheric deposition	7.00	0.00	0.00	0.00
Total nutrients applied	30.65	0.79	5.90	808.94
Anticipated crop nutrient removal	50.00	6.50	33.00	0.00
Actual crop nutrient removal	81.14	5.58	40.78	351.60
Nutrient balance	-50.49	-4.79	-34.88	457.34
Applied to removed ratio	0.38	0.14	0.14	2.30

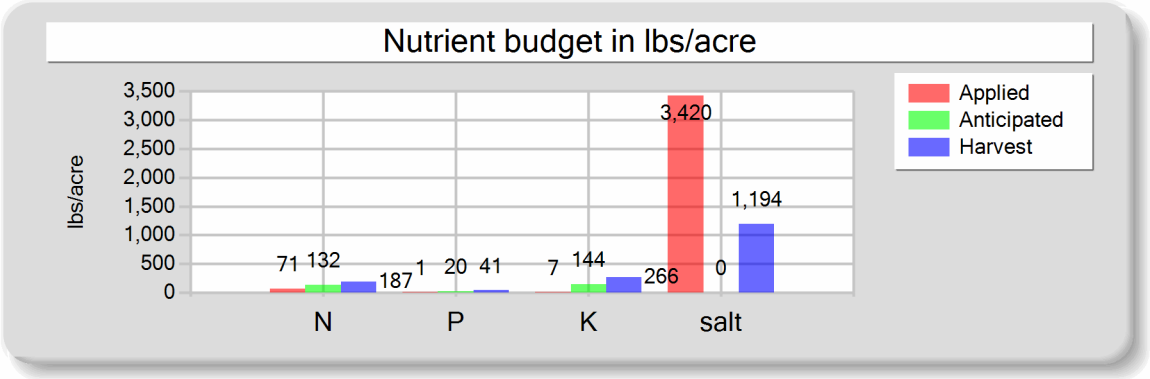
Fresh water applied	
17,866,140.00	*gallons*
657.95	*acre-inches*
8.66	*inches/acre*

Process wastewater applied	
320,640.00	*gallons*
11.81	*acre-inches*
0.16	*inches/acre*

Total harvests for the crop	
1	*harvests*

16 - 07/03/2023: Sorghum Silage

Field name: 16 Crop: Sorghum Silage Plant date: 07/03/2023



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	9.69	1.35	7.01	43.54
Fresh water	54.77	0.00	0.00	3,376.26
Atmospheric deposition	7.00	0.00	0.00	0.00
Total nutrients applied	71.46	1.35	7.01	3,419.80
Anticipated crop nutrient removal	132.00	20.40	144.00	0.00
Actual crop nutrient removal	186.89	40.95	265.64	1,193.79
Nutrient balance	-115.43	-39.60	-258.63	2,226.01
Applied to removed ratio	0.38	0.03	0.03	2.86

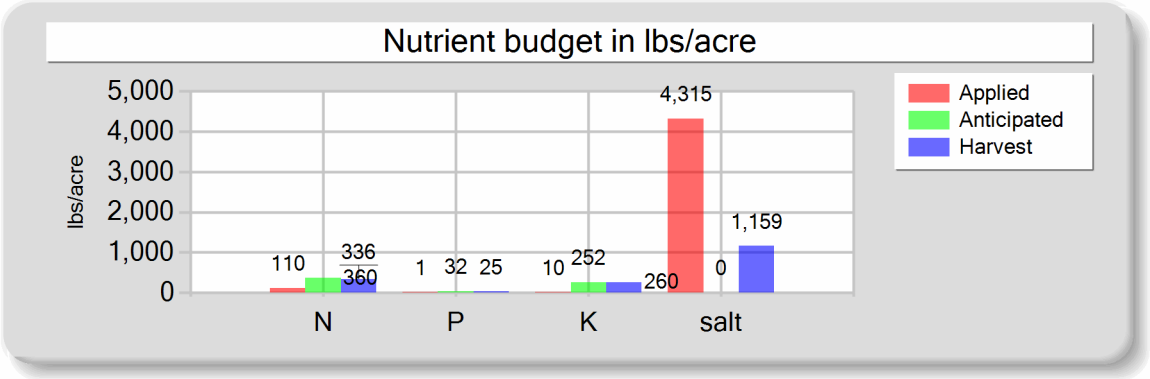
Fresh water applied	
90,161,400.00	*gallons*
3,320.34	*acre-inches*
44.87	*inches/acre*

Process wastewater applied	
130,260.00	*gallons*
4.80	*acre-inches*
0.06	*inches/acre*

Total harvests for the crop	
1	*harvests*

17 - 11/10/2019: Alfalfa, hay

Field name: 17 Crop: Alfalfa, hay Plant date: 11/10/2019



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	21.15	1.29	9.61	65.15
Fresh water	76.90	0.00	0.00	4,250.08
Atmospheric deposition	12.00	0.00	0.00	0.00
Total nutrients applied	110.06	1.29	9.61	4,315.23
Anticipated crop nutrient removal	360.00	32.40	252.00	0.00
Actual crop nutrient removal	335.62	24.74	260.27	1,159.04
Nutrient balance	-225.57	-23.46	-250.66	3,156.18
Applied to removed ratio	0.33	0.05	0.04	3.72

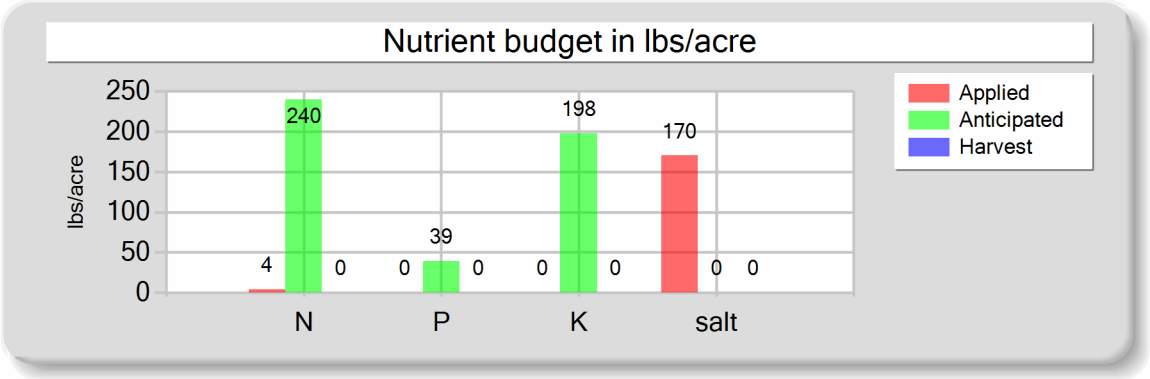
Fresh water applied	
75,314,640.00	*gallons*
2,773.58	*acre-inches*
40.20	*inches/acre*

Process wastewater applied	
473,760.00	*gallons*
17.45	*acre-inches*
0.25	*inches/acre*

Total harvests for the crop	
6	*harvests*

17 - 11/22/2023: Alfalfa/Winter Forage Mix

Field name: 17 Crop: Alfalfa/Winter Forage Mix Plant date: 11/22/2023



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	0.00	0.00	0.00	0.00
Fresh water	2.28	0.00	0.00	170.23
Atmospheric deposition	2.00	0.00	0.00	0.00
Total nutrients applied	4.28	0.00	0.00	170.23
Anticipated crop nutrient removal	240.00	39.00	198.00	0.00
Actual crop nutrient removal	0.00	0.00	0.00	0.00
Nutrient balance	4.28	0.00	0.00	170.23
Applied to removed ratio	0.00	0.00	0.00	0.00

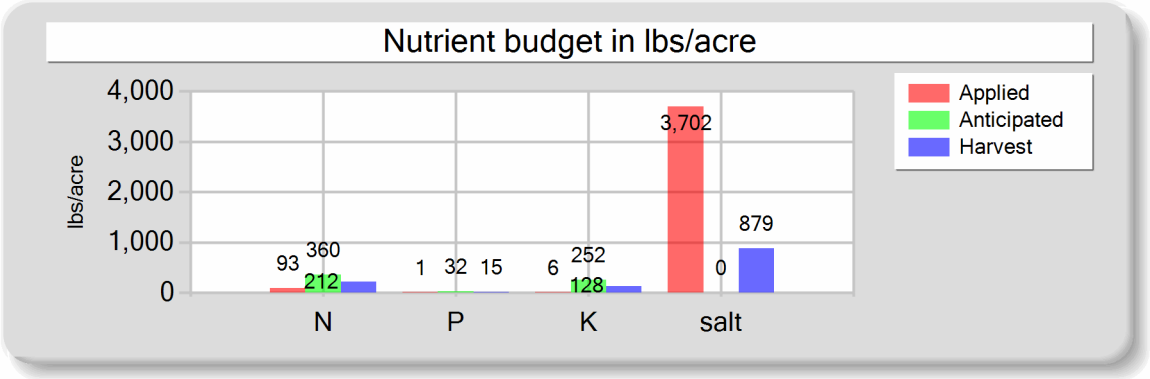
Fresh water applied	
7,109,280.00	*gallons*
261.81	*acre-inches*
3.79	*inches/acre*

Process wastewater applied	
0.00	*gallons*
0.00	*acre-inches*
0.00	*inches/acre*

Total harvests for the crop	
1	*harvests*

18 - 11/10/2019: Alfalfa, hay

Field name: 18 Crop: Alfalfa, hay Plant date: 11/10/2019



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	12.83	0.78	5.83	39.51
Fresh water	66.31	0.00	0.00	3,662.74
Atmospheric deposition	14.00	0.00	0.00	0.00
Total nutrients applied	93.14	0.78	5.83	3,702.25
Anticipated crop nutrient removal	360.00	32.40	252.00	0.00
Actual crop nutrient removal	211.77	15.44	128.43	879.48
Nutrient balance	-118.63	-14.66	-122.60	2,822.77
Applied to removed ratio	0.44	0.05	0.05	4.21

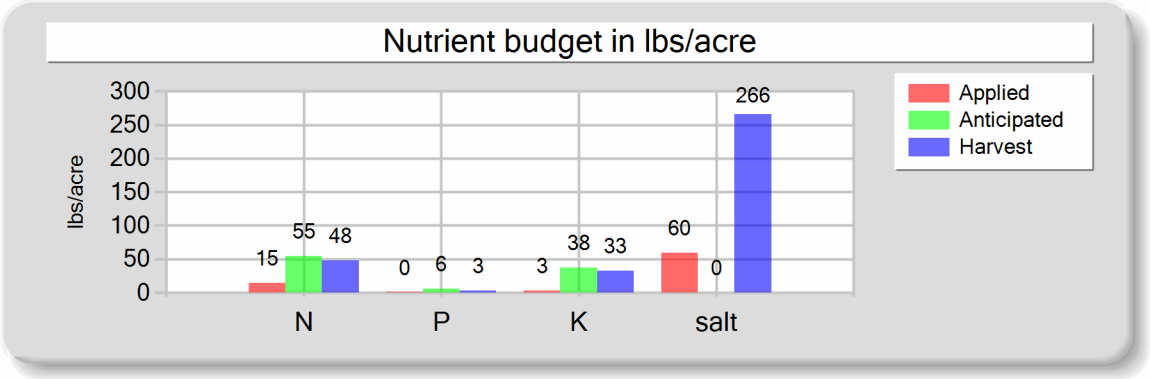
Fresh water applied	
88,701,000.00	*gallons*
3,266.56	*acre-inches*
42.42	*inches/acre*

Process wastewater applied	
320,640.00	*gallons*
11.81	*acre-inches*
0.15	*inches/acre*

Total harvests for the crop	
5	*harvests*

19 - 12/05/2022: Alfalfa/Wheat Mix Hay

Field name: 19 Crop: Alfalfa/Wheat Mix Hay Plant date: 12/05/2022



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	7.44	0.45	3.38	22.91
Fresh water	0.40	0.00	0.00	36.87
Atmospheric deposition	7.00	0.00	0.00	0.00
Total nutrients applied	14.84	0.45	3.38	59.78
Anticipated crop nutrient removal	55.00	6.00	37.50	0.00
Actual crop nutrient removal	48.06	3.28	32.54	265.99
Nutrient balance	-33.22	-2.83	-29.16	-206.21
Applied to removed ratio	0.31	0.14	0.10	0.22

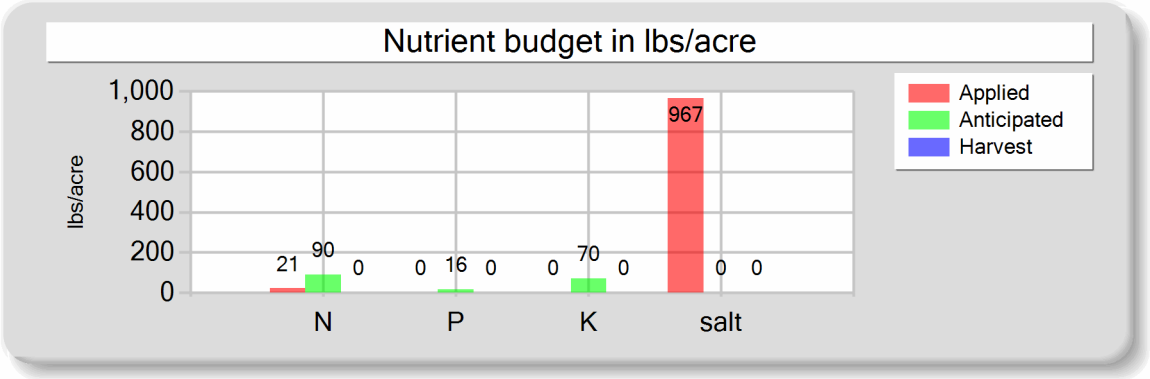
Fresh water applied	
1,528,020.00	*gallons*
56.27	*acre-inches*
0.68	*inches/acre*

Process wastewater applied	
200,400.00	*gallons*
7.38	*acre-inches*
0.09	*inches/acre*

Total harvests for the crop	
1	*harvests*

19 - 11/28/2023: Winter Forage

Field name: 19 Crop: Winter Forage Plant date: 11/28/2023



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	0.00	0.00	0.00	0.00
Fresh water	14.44	0.00	0.00	966.67
Atmospheric deposition	7.00	0.00	0.00	0.00
Total nutrients applied	21.44	0.00	0.00	966.67
Anticipated crop nutrient removal	90.00	16.20	69.60	0.00
Actual crop nutrient removal	0.00	0.00	0.00	0.00
Nutrient balance	21.44	0.00	0.00	966.67
Applied to removed ratio	0.00	0.00	0.00	0.00

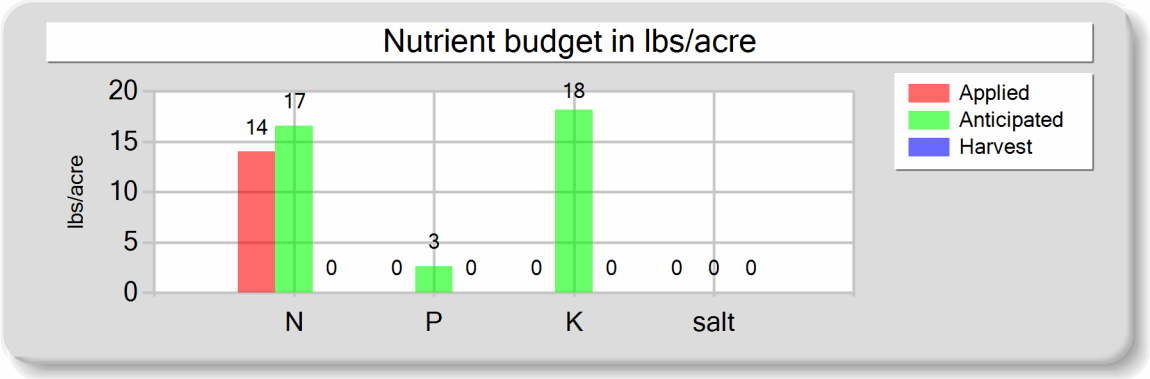
Fresh water applied	
28,413,240.00	*gallons*
1,046.36	*acre-inches*
12.61	*inches/acre*

Process wastewater applied	
0.00	*gallons*
0.00	*acre-inches*
0.00	*inches/acre*

Total harvests for the crop	
1	*harvests*

2 - 05/01/1993: Raisins

Field name: 2 Crop: Raisins Plant date: 05/01/1993



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	0.00	0.00	0.00	0.00
Fresh water	0.00	0.00	0.00	0.00
Atmospheric deposition	14.00	0.00	0.00	0.00
Total nutrients applied	14.00	0.00	0.00	0.00
Anticipated crop nutrient removal	16.60	2.60	18.20	0.00
Actual crop nutrient removal	0.00	0.00	0.00	0.00
Nutrient balance	14.00	0.00	0.00	0.00
Applied to removed ratio	0.00	0.00	0.00	0.00

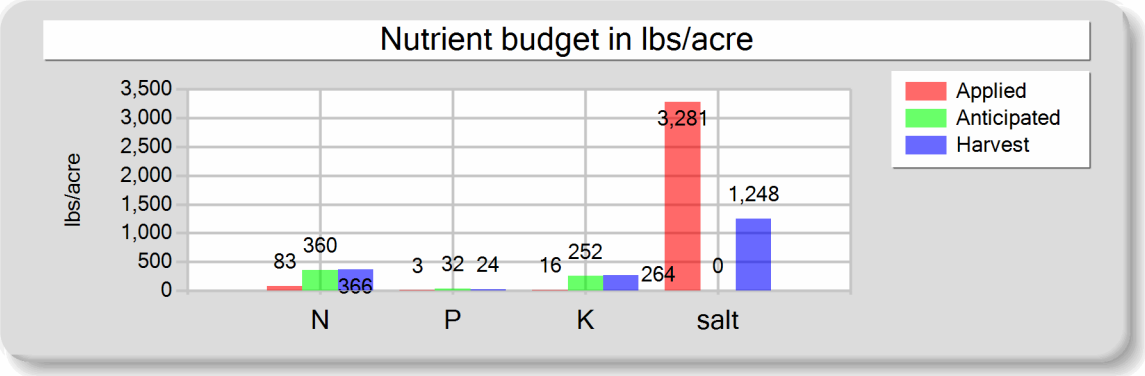
Fresh water applied
0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

Process wastewater applied
0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

Total harvests for the crop
1 *harvests*

20 - 10/23/2021: Alfalfa, hay

Field name: 20 Crop: Alfalfa, hay Plant date: 10/23/2021



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	23.33	2.57	16.24	94.51
Fresh water	45.68	0.00	0.00	3,186.79
Atmospheric deposition	14.00	0.00	0.00	0.00
Total nutrients applied	83.01	2.57	16.24	3,281.31
Anticipated crop nutrient removal	360.00	32.40	252.00	0.00
Actual crop nutrient removal	366.43	23.51	263.88	1,247.59
Nutrient balance	-283.43	-20.94	-247.63	2,033.72
Applied to removed ratio	0.23	0.11	0.06	2.63

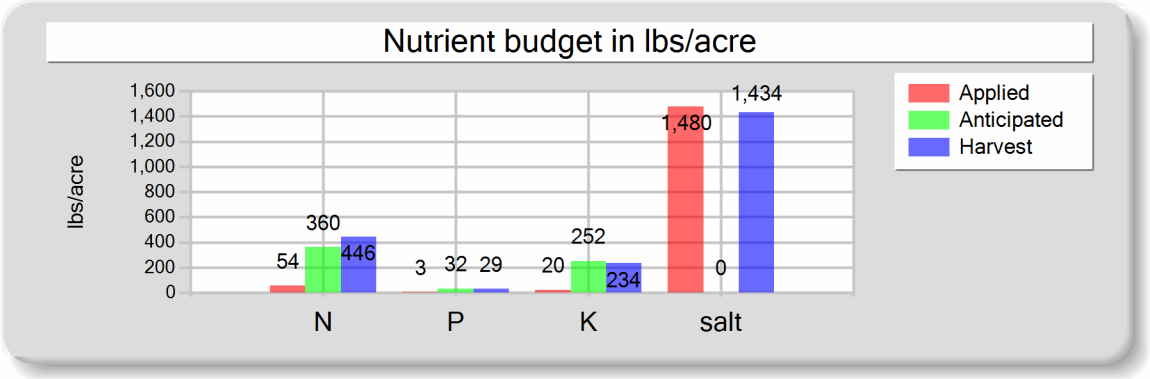
Fresh water applied	
92,145,660.00	*gallons*
3,393.41	*acre-inches*
43.51	*inches/acre*

Process wastewater applied	
250,540.00	*gallons*
9.23	*acre-inches*
0.12	*inches/acre*

Total harvests for the crop	
5	*harvests*

21 - 11/04/2021: Alfalfa, hay

Field name: 21 Crop: Alfalfa, hay Plant date: 11/04/2021



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	28.35	3.13	19.74	114.87
Fresh water	11.48	0.00	0.00	1,365.09
Atmospheric deposition	14.00	0.00	0.00	0.00
Total nutrients applied	53.84	3.13	19.74	1,479.96
Anticipated crop nutrient removal	360.00	32.40	252.00	0.00
Actual crop nutrient removal	446.40	28.66	233.58	1,434.45
Nutrient balance	-392.56	-25.53	-213.83	45.51
Applied to removed ratio	0.12	0.11	0.08	1.03

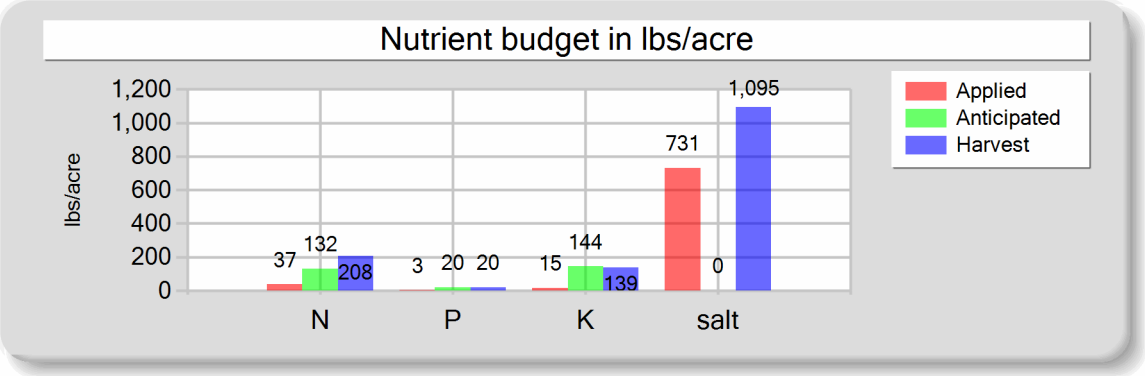
Fresh water applied	
78,163,380.00	*gallons*
2,878.49	*acre-inches*
37.38	*inches/acre*

Process wastewater applied	
300,600.00	*gallons*
11.07	*acre-inches*
0.14	*inches/acre*

Total harvests for the crop	
7	*harvests*

22A - 06/15/2023: Sorghum Silage

Field name: 22A | Crop: Sorghum Silage | Plant date: 06/15/2023



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	21.04	2.73	15.03	91.49
Fresh water	1.74	0.00	0.00	639.94
Atmospheric deposition	14.00	0.00	0.00	0.00
Total nutrients applied	36.78	2.73	15.03	731.43
Anticipated crop nutrient removal	132.00	20.40	144.00	0.00
Actual crop nutrient removal	208.12	19.89	139.25	1,094.91
Nutrient balance	-171.34	-17.16	-124.23	-363.48
Applied to removed ratio	0.18	0.14	0.11	0.67

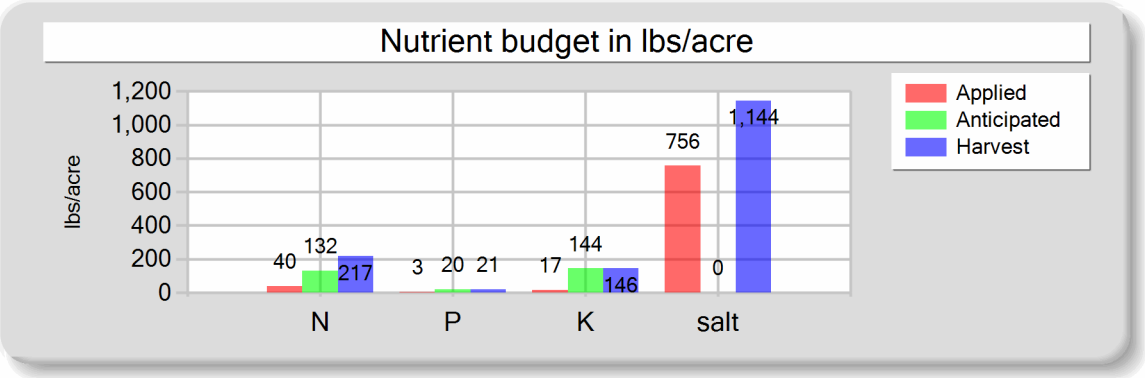
Fresh water applied	
40,108,070.00	*gallons*
1,477.04	*acre-inches*
25.91	*inches/acre*

Process wastewater applied	
200,600.00	*gallons*
7.39	*acre-inches*
0.13	*inches/acre*

Total harvests for the crop	
1	*harvests*

22B - 07/13/2023: Sorghum Silage

Field name: 22B | Crop: Sorghum Silage | Plant date: 07/13/2023



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	23.89	3.35	17.27	107.30
Fresh water	1.82	0.00	0.00	648.35
Atmospheric deposition	14.00	0.00	0.00	0.00
Total nutrients applied	39.71	3.35	17.27	755.65
Anticipated crop nutrient removal	132.00	20.40	144.00	0.00
Actual crop nutrient removal	217.50	20.79	145.53	1,144.26
Nutrient balance	-177.79	-17.44	-128.26	-388.61
Applied to removed ratio	0.18	0.16	0.12	0.66

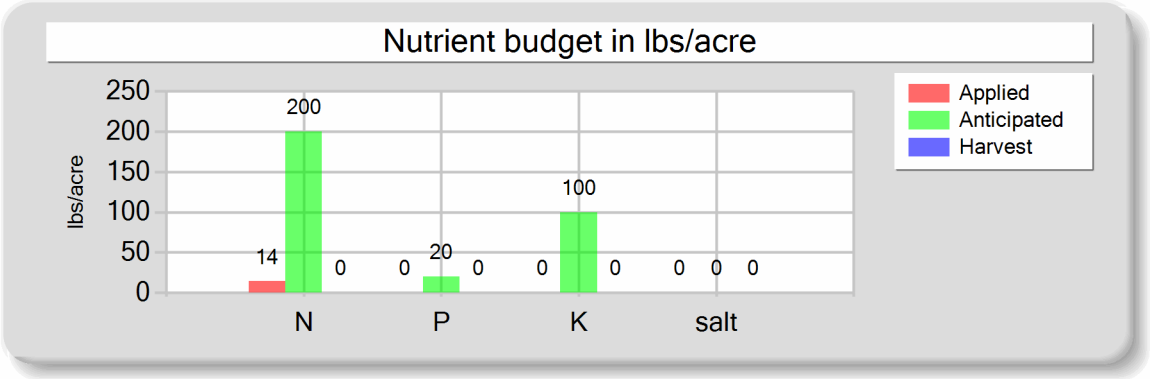
Fresh water applied	
12,043,410.00	*gallons*
443.52	*acre-inches*
26.09	*inches/acre*

Process wastewater applied	
73,750.00	*gallons*
2.72	*acre-inches*
0.16	*inches/acre*

Total harvests for the crop	
1	*harvests*

23 - 02/02/2012: Almond, in shell

Field name: 23 Crop: Almond, in shell Plant date: 02/02/2012



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	0.00	0.00	0.00	0.00
Fresh water	0.00	0.00	0.00	0.00
Atmospheric deposition	14.00	0.00	0.00	0.00
Total nutrients applied	14.00	0.00	0.00	0.00
Anticipated crop nutrient removal	200.00	20.00	100.00	0.00
Actual crop nutrient removal	0.00	0.00	0.00	0.00
Nutrient balance	14.00	0.00	0.00	0.00
Applied to removed ratio	0.00	0.00	0.00	0.00

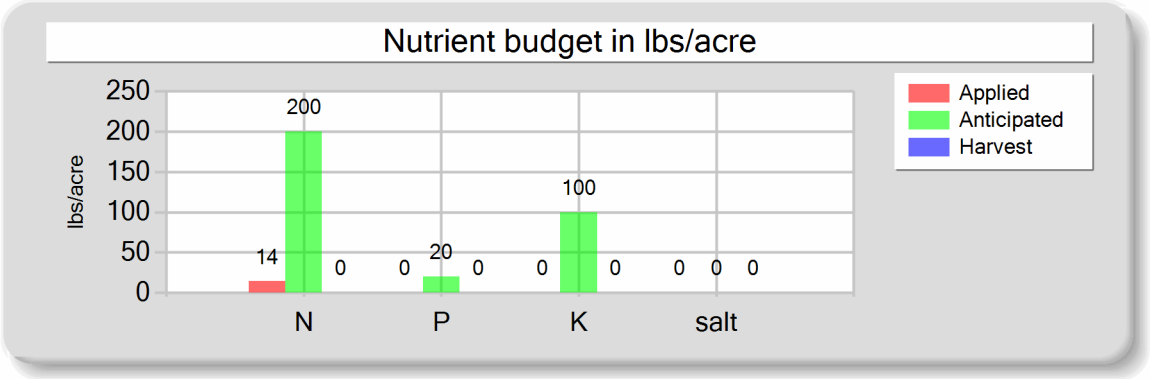
Fresh water applied
0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

Process wastewater applied
0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

Total harvests for the crop
1 *harvests*

24 - 02/01/2012: Almond, in shell

Field name: 24 Crop: Almond, in shell Plant date: 02/01/2012



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	0.00	0.00	0.00	0.00
Fresh water	0.00	0.00	0.00	0.00
Atmospheric deposition	14.00	0.00	0.00	0.00
Total nutrients applied	14.00	0.00	0.00	0.00
Anticipated crop nutrient removal	200.00	20.00	100.00	0.00
Actual crop nutrient removal	0.00	0.00	0.00	0.00
Nutrient balance	14.00	0.00	0.00	0.00
Applied to removed ratio	0.00	0.00	0.00	0.00

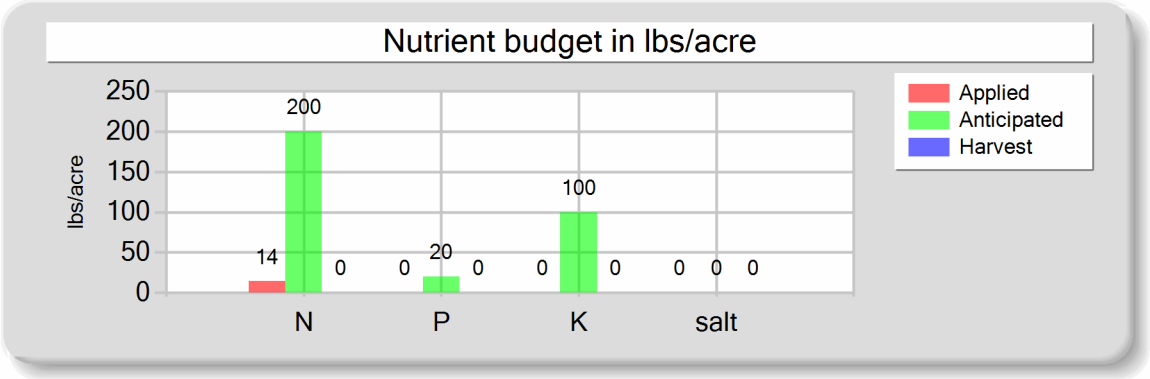
Fresh water applied
0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

Process wastewater applied
0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

Total harvests for the crop
1 *harvests*

25 - 02/01/2012: Almond, in shell

Field name: 25 Crop: Almond, in shell Plant date: 02/01/2012



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	0.00	0.00	0.00	0.00
Fresh water	0.00	0.00	0.00	0.00
Atmospheric deposition	14.00	0.00	0.00	0.00
Total nutrients applied	14.00	0.00	0.00	0.00
Anticipated crop nutrient removal	200.00	20.00	100.00	0.00
Actual crop nutrient removal	0.00	0.00	0.00	0.00
Nutrient balance	14.00	0.00	0.00	0.00
Applied to removed ratio	0.00	0.00	0.00	0.00

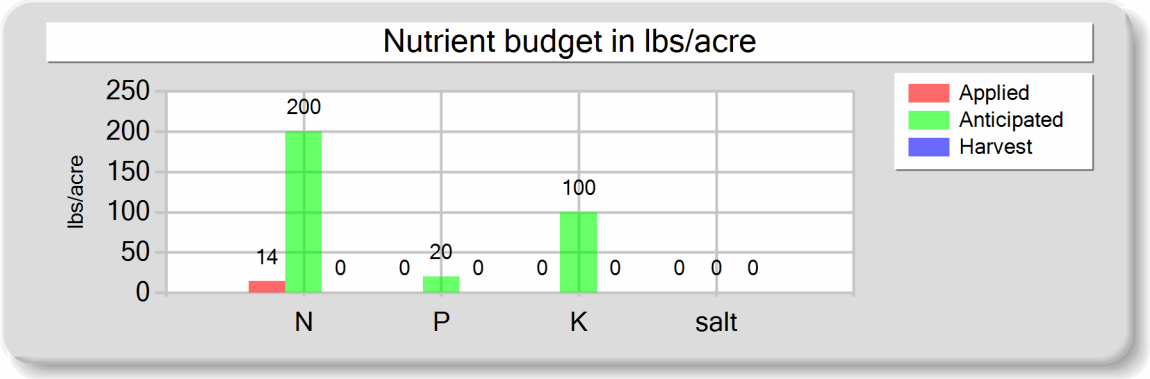
Fresh water applied
0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

Process wastewater applied
0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

Total harvests for the crop
1 *harvests*

26 - 02/01/2012: Almond, in shell

Field name: 26 Crop: Almond, in shell Plant date: 02/01/2012



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	0.00	0.00	0.00	0.00
Fresh water	0.00	0.00	0.00	0.00
Atmospheric deposition	14.00	0.00	0.00	0.00
Total nutrients applied	14.00	0.00	0.00	0.00
Anticipated crop nutrient removal	200.00	20.00	100.00	0.00
Actual crop nutrient removal	0.00	0.00	0.00	0.00
Nutrient balance	14.00	0.00	0.00	0.00
Applied to removed ratio	0.00	0.00	0.00	0.00

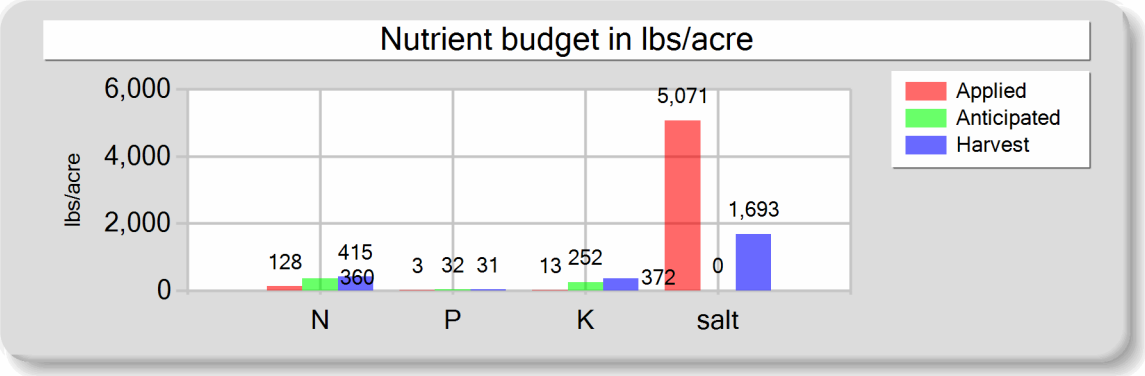
Fresh water applied
0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

Process wastewater applied
0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

Total harvests for the crop
1 *harvests*

27 - 03/07/2022: Alfalfa, hay

Field name: 27 Crop: Alfalfa, hay Plant date: 03/07/2022



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	18.15	2.53	13.12	81.53
Fresh water	95.64	0.00	0.00	4,989.23
Atmospheric deposition	14.00	0.00	0.00	0.00
Total nutrients applied	127.79	2.53	13.12	5,070.75
Anticipated crop nutrient removal	360.00	32.40	252.00	0.00
Actual crop nutrient removal	415.18	31.33	372.36	1,692.52
Nutrient balance	-287.39	-28.80	-359.24	3,378.23
Applied to removed ratio	0.31	0.08	0.04	3.00

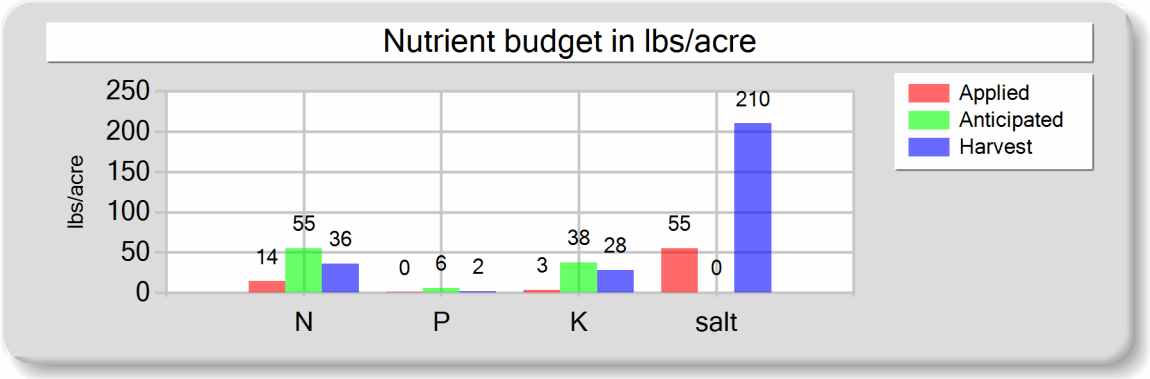
Fresh water applied	
98,497,940.00	*gallons*
3,627.34	*acre-inches*
47.73	*inches/acre*

Process wastewater applied	
250,500.00	*gallons*
9.23	*acre-inches*
0.12	*inches/acre*

Total harvests for the crop	
7	*harvests*

28 - 12/09/2022: Alfalfa/Wheat Hay Mix

Field name: 28 Crop: Alfalfa/Wheat Hay Mix Plant date: 12/09/2022



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	6.78	0.41	3.08	20.87
Fresh water	0.37	0.00	0.00	34.45
Atmospheric deposition	7.00	0.00	0.00	0.00
Total nutrients applied	14.15	0.41	3.08	55.32
Anticipated crop nutrient removal	55.00	6.00	37.50	0.00
Actual crop nutrient removal	35.78	1.87	28.30	210.15
Nutrient balance	-21.63	-1.46	-25.23	-154.83
Applied to removed ratio	0.40	0.22	0.11	0.26

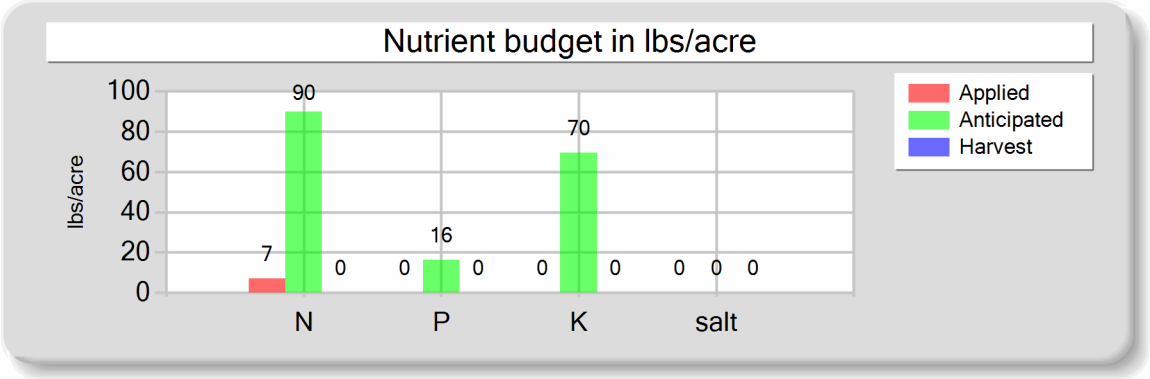
Fresh water applied	
1,410,480.00	*gallons*
51.94	*acre-inches*
0.63	*inches/acre*

Process wastewater applied	
180,360.00	*gallons*
6.64	*acre-inches*
0.08	*inches/acre*

Total harvests for the crop	
1	*harvests*

28 - 11/29/2023: Winter Forage

Field name: 28 Crop: Winter Forage Plant date: 11/29/2023



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	0.00	0.00	0.00	0.00
Fresh water	0.00	0.00	0.00	0.00
Atmospheric deposition	7.00	0.00	0.00	0.00
Total nutrients applied	7.00	0.00	0.00	0.00
Anticipated crop nutrient removal	90.00	16.20	69.60	0.00
Actual crop nutrient removal	0.00	0.00	0.00	0.00
Nutrient balance	7.00	0.00	0.00	0.00
Applied to removed ratio	0.00	0.00	0.00	0.00

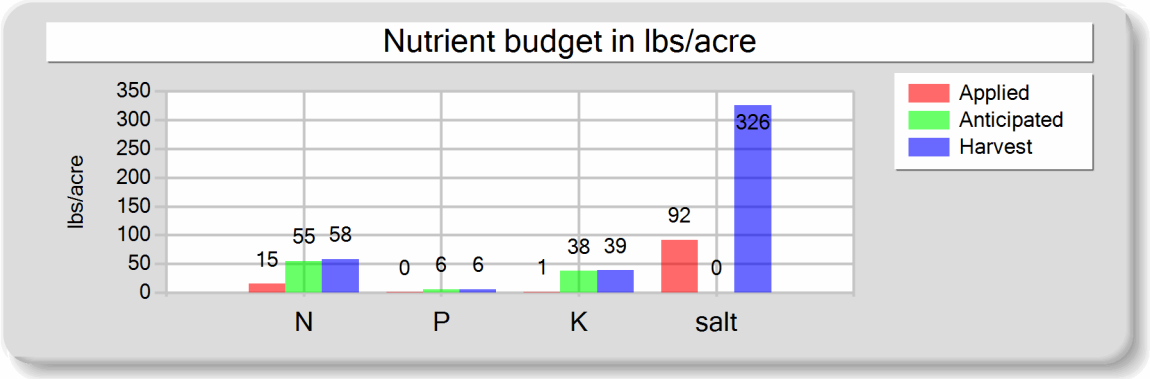
Fresh water applied
0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

Process wastewater applied
0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

Total harvests for the crop
1 *harvests*

3 - 11/22/2022: Alfalfa/Wheat Mix Hay

Field name: 3 Crop: Alfalfa/Wheat Mix Hay Plant date: 11/22/2022



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	9.78	0.16	1.20	48.30
Fresh water	0.68	0.00	0.00	43.54
Atmospheric deposition	4.67	0.00	0.00	0.00
Total nutrients applied	15.12	0.16	1.20	91.84
Anticipated crop nutrient removal	55.00	6.00	37.50	0.00
Actual crop nutrient removal	58.40	5.76	38.66	325.73
Nutrient balance	-43.28	-5.60	-37.46	-233.89
Applied to removed ratio	0.26	0.03	0.03	0.28

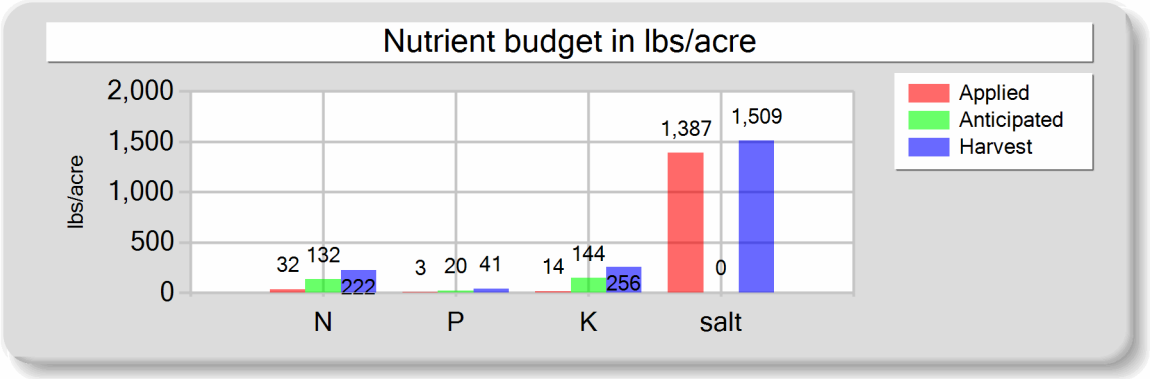
Fresh water applied	
1,371,300.00	*gallons*
50.50	*acre-inches*
0.62	*inches/acre*

Process wastewater applied	
210,420.00	*gallons*
7.75	*acre-inches*
0.09	*inches/acre*

Total harvests for the crop	
1	*harvests*

3 - 07/15/2023: Sorghum Silage

Field name: 3 Crop: Sorghum Silage Plant date: 07/15/2023



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	19.56	2.72	14.14	87.84
Fresh water	7.92	0.00	0.00	1,299.22
Atmospheric deposition	4.67	0.00	0.00	0.00
Total nutrients applied	32.14	2.72	14.14	1,387.06
Anticipated crop nutrient removal	132.00	20.40	144.00	0.00
Actual crop nutrient removal	222.17	40.67	255.89	1,508.59
Nutrient balance	-190.03	-37.94	-241.76	-121.53
Applied to removed ratio	0.14	0.07	0.06	0.92

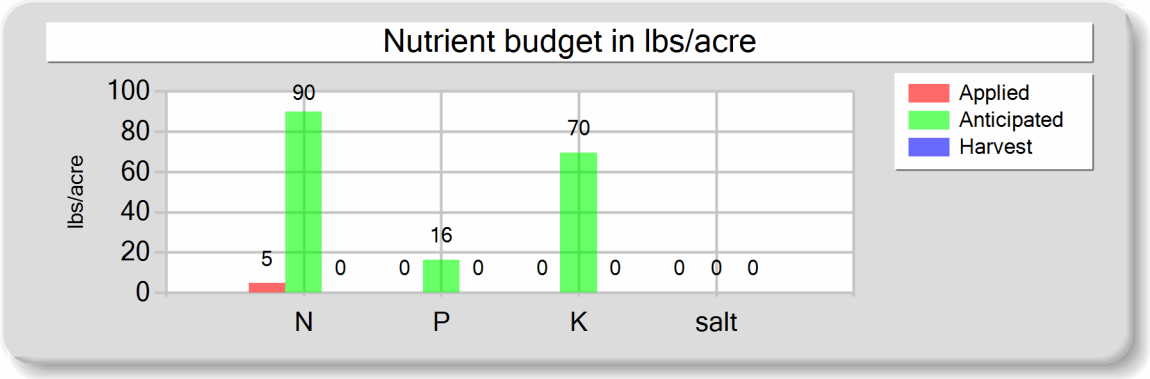
Fresh water applied	
75,028,520.00	*gallons*
2,763.05	*acre-inches*
34.98	*inches/acre*

Process wastewater applied	
280,560.00	*gallons*
10.33	*acre-inches*
0.13	*inches/acre*

Total harvests for the crop	
1	*harvests*

3 - 12/06/2023: Winter Forage

Field name: 3 Crop: Winter Forage Plant date: 12/06/2023



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	0.00	0.00	0.00	0.00
Fresh water	0.00	0.00	0.00	0.00
Atmospheric deposition	4.67	0.00	0.00	0.00
Total nutrients applied	4.67	0.00	0.00	0.00
Anticipated crop nutrient removal	90.00	16.20	69.60	0.00
Actual crop nutrient removal	0.00	0.00	0.00	0.00
Nutrient balance	4.67	0.00	0.00	0.00
Applied to removed ratio	0.00	0.00	0.00	0.00

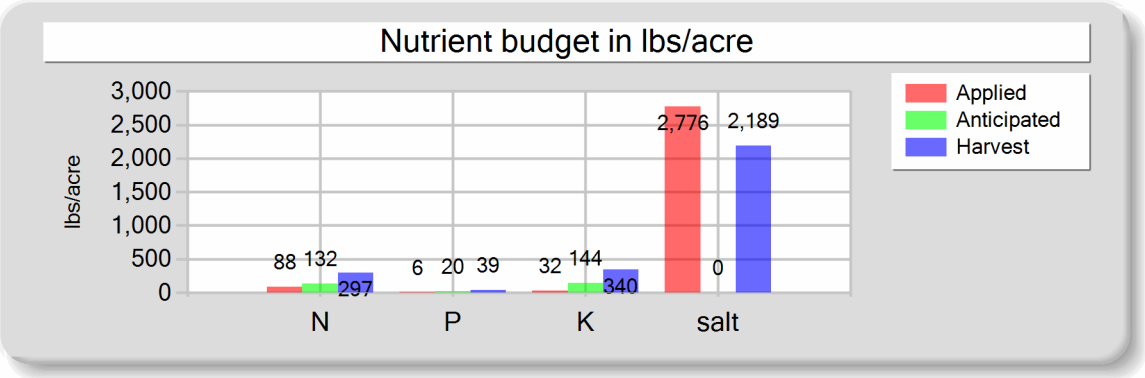
Fresh water applied
0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

Process wastewater applied
0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

Total harvests for the crop
1 *harvests*

32 - 06/14/2023: Sorghum Silage

Field name: 32 Crop: Sorghum Silage Plant date: 06/14/2023



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	43.82	6.10	31.67	196.81
Fresh water	29.79	0.00	0.00	2,579.30
Atmospheric deposition	14.00	0.00	0.00	0.00
Total nutrients applied	87.61	6.10	31.67	2,776.12
Anticipated crop nutrient removal	132.00	20.40	144.00	0.00
Actual crop nutrient removal	297.23	38.91	340.47	2,188.72
Nutrient balance	-209.63	-32.81	-308.79	587.40
Applied to removed ratio	0.29	0.16	0.09	1.27

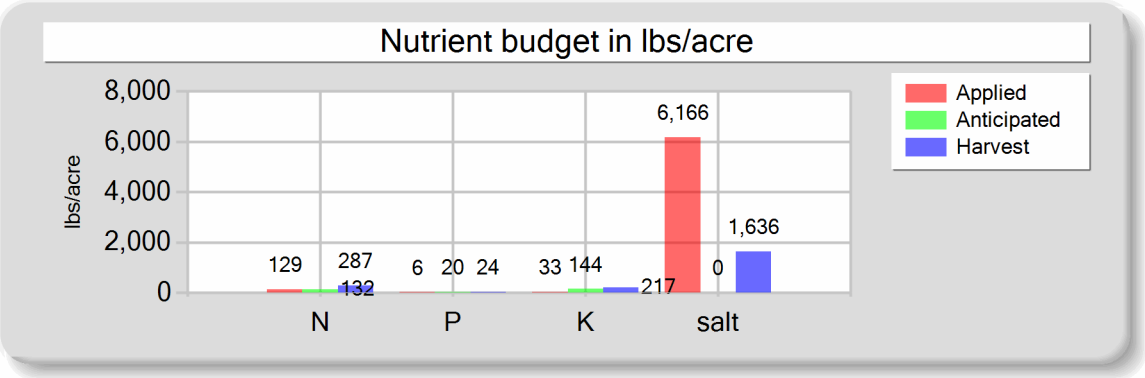
Fresh water applied	
22,880,520.00	*gallons*
842.61	*acre-inches*
24.78	*inches/acre*

Process wastewater applied	
270,540.00	*gallons*
9.96	*acre-inches*
0.29	*inches/acre*

Total harvests for the crop	
1	*harvests*

33 - 06/14/2023: Sorghum Silage

Field name: 33 Crop: Sorghum Silage Plant date: 06/14/2023



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	45.44	6.33	32.85	204.10
Fresh water	69.45	0.00	0.00	5,961.73
Atmospheric deposition	14.00	0.00	0.00	0.00
Total nutrients applied	128.89	6.33	32.85	6,165.83
Anticipated crop nutrient removal	132.00	20.40	144.00	0.00
Actual crop nutrient removal	286.96	23.66	217.02	1,636.39
Nutrient balance	-158.07	-17.33	-184.17	4,529.44
Applied to removed ratio	0.45	0.27	0.15	3.77

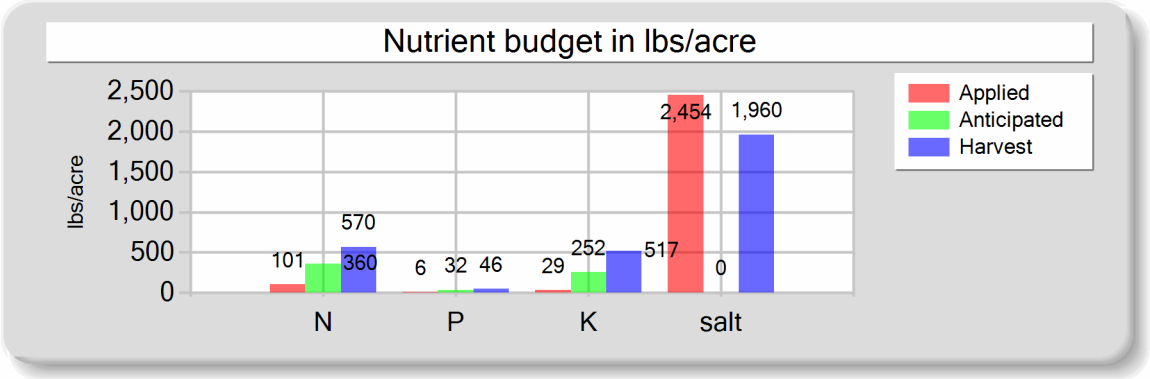
Fresh water applied	
27,197,220.00	*gallons*
1,001.58	*acre-inches*
58.92	*inches/acre*

Process wastewater applied	
140,280.00	*gallons*
5.17	*acre-inches*
0.30	*inches/acre*

Total harvests for the crop	
1	*harvests*

4 - 03/14/2022: Alfalfa, hay

Field name: 4 Crop: Alfalfa, hay Plant date: 03/14/2022



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	61.47	5.53	28.72	300.84
Fresh water	25.05	0.00	0.00	2,153.50
Atmospheric deposition	14.00	0.00	0.00	0.00
Total nutrients applied	100.53	5.53	28.72	2,454.34
Anticipated crop nutrient removal	360.00	32.40	252.00	0.00
Actual crop nutrient removal	570.07	45.65	517.27	1,960.39
Nutrient balance	-469.55	-40.11	-488.55	493.95
Applied to removed ratio	0.18	0.12	0.06	1.25

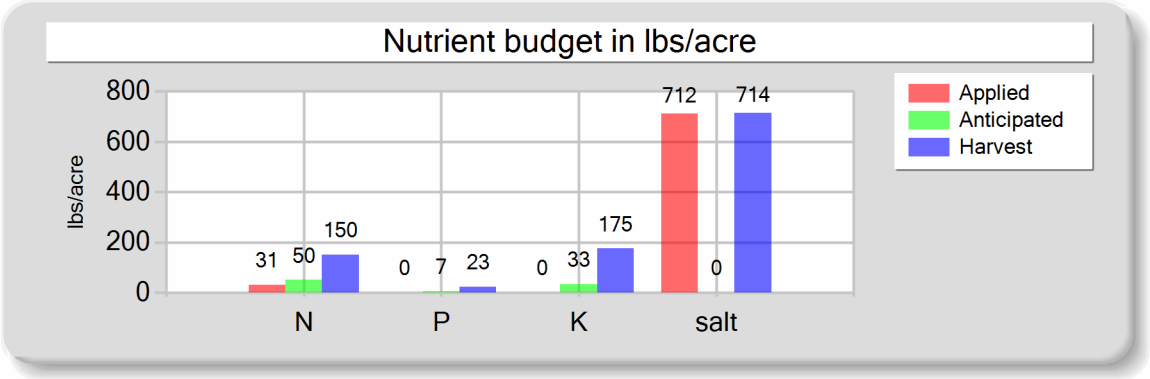
Fresh water applied	
74,797,590.00	*gallons*
2,754.54	*acre-inches*
36.73	*inches/acre*

Process wastewater applied	
931,860.00	*gallons*
34.32	*acre-inches*
0.46	*inches/acre*

Total harvests for the crop	
7	*harvests*

5 - 11/05/2022: Wheat Hay

Field name: 5 Crop: Wheat Hay Plant date: 11/05/2022



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	7.16	0.00	0.00	40.31
Fresh water	9.68	0.00	0.00	671.53
Atmospheric deposition	14.00	0.00	0.00	0.00
Total nutrients applied	30.85	0.00	0.00	711.83
Anticipated crop nutrient removal	50.00	6.50	33.00	0.00
Actual crop nutrient removal	150.21	22.91	174.83	713.73
Nutrient balance	-119.37	-22.91	-174.83	-1.90
Applied to removed ratio	0.21	0.00	0.00	1.00

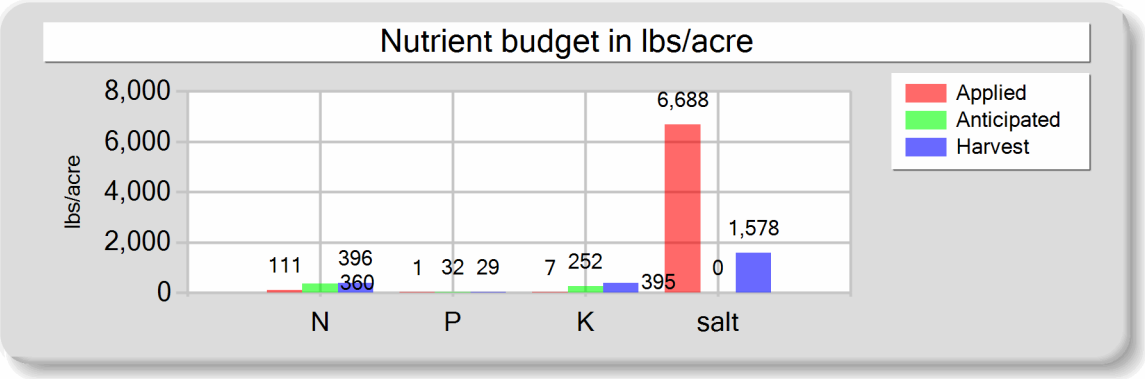
Fresh water applied	
14,910,600.00	*gallons*
549.11	*acre-inches*
7.52	*inches/acre*

Process wastewater applied	
125,250.00	*gallons*
4.61	*acre-inches*
0.06	*inches/acre*

Total harvests for the crop	
1	*harvests*

6 - 11/21/2022: Alfalfa, hay

Field name: 6 Crop: Alfalfa, hay Plant date: 11/21/2022



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	9.46	1.32	6.84	42.49
Fresh water	87.28	0.00	0.00	6,645.77
Atmospheric deposition	14.00	0.00	0.00	0.00
Total nutrients applied	110.73	1.32	6.84	6,688.26
Anticipated crop nutrient removal	360.00	32.40	252.00	0.00
Actual crop nutrient removal	395.65	29.35	395.06	1,578.11
Nutrient balance	-284.91	-28.03	-388.22	5,110.15
Applied to removed ratio	0.28	0.04	0.02	4.24

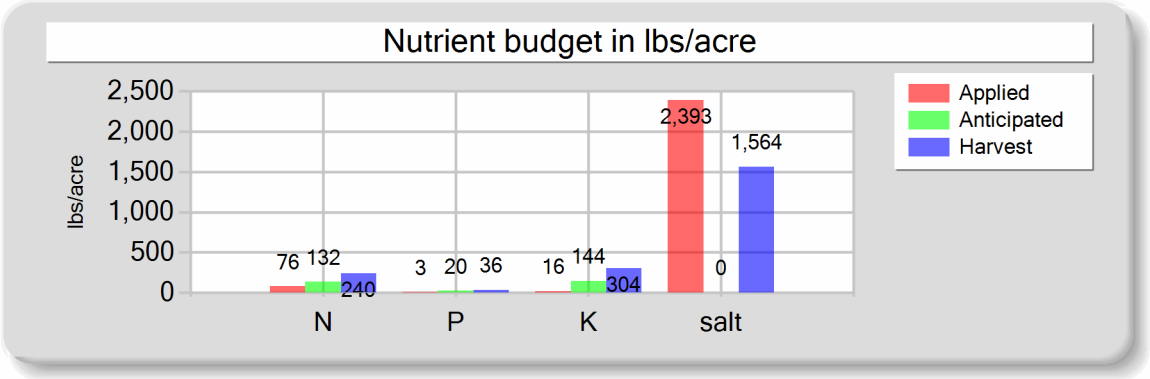
Fresh water applied	
138,971,200.00	*gallons*
5,117.84	*acre-inches*
73.11	*inches/acre*

Process wastewater applied	
120,240.00	*gallons*
4.43	*acre-inches*
0.06	*inches/acre*

Total harvests for the crop	
6	*harvests*

7 - 06/26/2023: Sorghum Silage

Field name: 7 Crop: Sorghum Silage Plant date: 06/26/2023



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	21.80	3.04	15.76	97.91
Fresh water	40.34	0.00	0.00	2,295.31
Atmospheric deposition	14.00	0.00	0.00	0.00
Total nutrients applied	76.14	3.04	15.76	2,393.22
Anticipated crop nutrient removal	132.00	20.40	144.00	0.00
Actual crop nutrient removal	240.02	35.84	304.10	1,563.94
Nutrient balance	-163.88	-32.80	-288.34	829.28
Applied to removed ratio	0.32	0.08	0.05	1.53

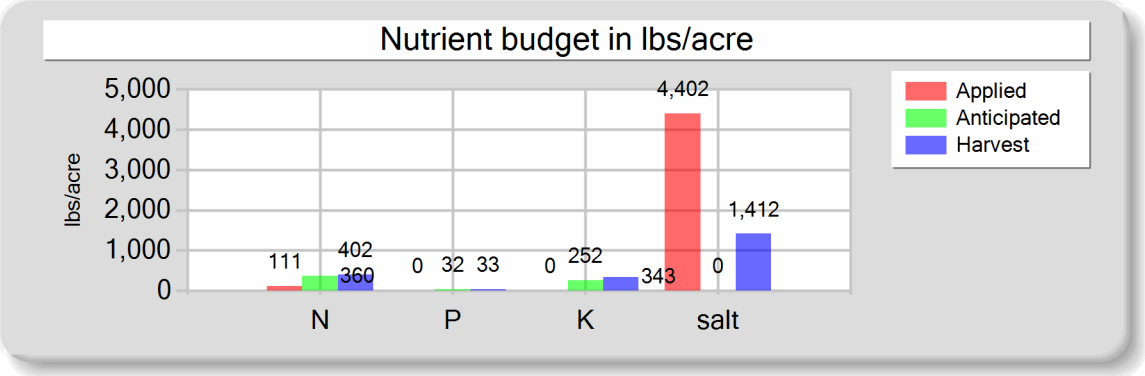
Fresh water applied	
58,502,360.00	*gallons*
2,154.44	*acre-inches*
26.60	*inches/acre*

Process wastewater applied	
320,640.00	*gallons*
11.81	*acre-inches*
0.15	*inches/acre*

Total harvests for the crop	
1	*harvests*

8 - 10/18/2021: Alfalfa, hay

Field name: 8 Crop: Alfalfa, hay Plant date: 10/18/2021



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	16.93	0.00	0.00	95.27
Fresh water	80.10	0.00	0.00	4,306.93
Atmospheric deposition	14.00	0.00	0.00	0.00
Total nutrients applied	111.02	0.00	0.00	4,402.20
Anticipated crop nutrient removal	360.00	32.40	252.00	0.00
Actual crop nutrient removal	401.93	33.17	342.51	1,412.04
Nutrient balance	-290.90	-33.17	-342.51	2,990.16
Applied to removed ratio	0.28	0.00	0.00	3.12

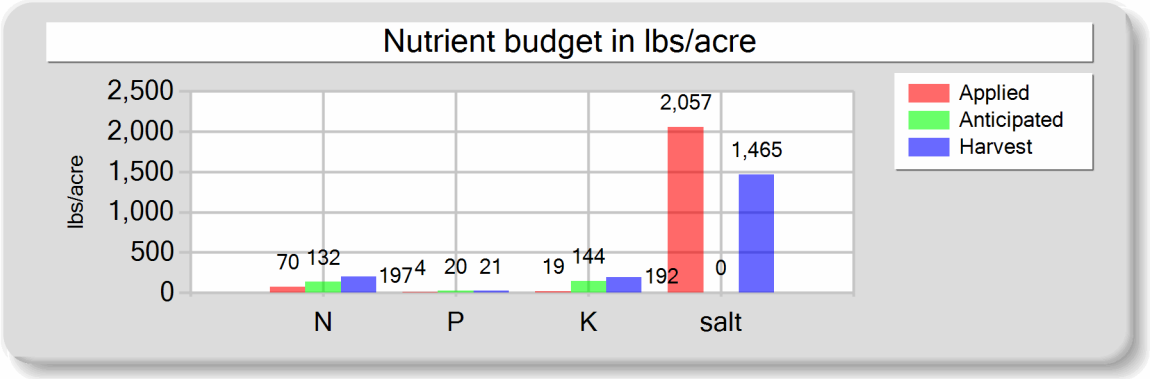
Fresh water applied	
101,135,700.00	*gallons*
3,724.48	*acre-inches*
44.34	*inches/acre*

Process wastewater applied	
340,680.00	*gallons*
12.55	*acre-inches*
0.15	*inches/acre*

Total harvests for the crop	
6	*harvests*

9 - 06/16/2023: Sorghum Silage

Field name: 9 Crop: Sorghum Silage Plant date: 06/16/2023



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	25.75	3.59	18.61	115.66
Fresh water	30.68	0.00	0.00	1,940.90
Atmospheric deposition	14.00	0.00	0.00	0.00
Total nutrients applied	70.43	3.59	18.61	2,056.56
Anticipated crop nutrient removal	132.00	20.40	144.00	0.00
Actual crop nutrient removal	197.12	20.80	192.17	1,465.02
Nutrient balance	-126.69	-17.22	-173.55	591.54
Applied to removed ratio	0.36	0.17	0.10	1.40

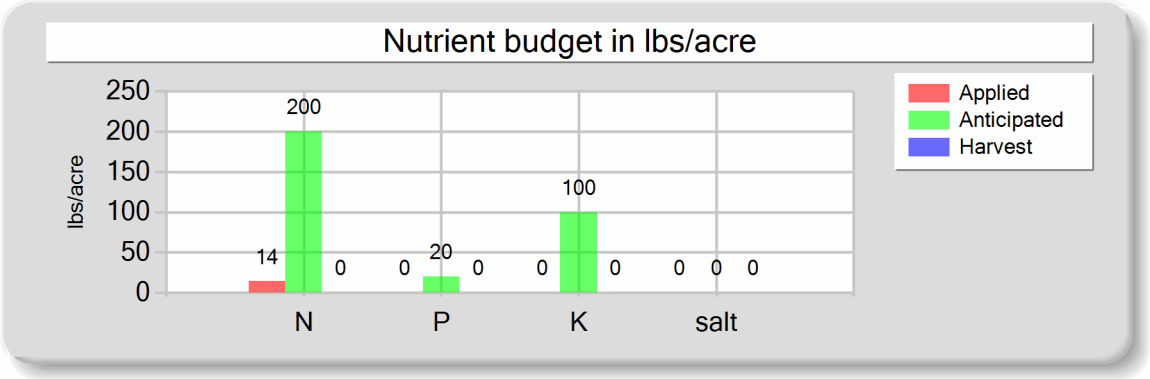
Fresh water applied	
46,558,080.00	*gallons*
1,714.58	*acre-inches*
22.86	*inches/acre*

Process wastewater applied	
350,700.00	*gallons*
12.92	*acre-inches*
0.17	*inches/acre*

Total harvests for the crop	
1	*harvests*

Sec. 10-1 - 02/01/2014: Almond, in shell

Field name: Sec. 10-1 Crop: Almond, in shell Plant date: 02/01/2014



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	0.00	0.00	0.00	0.00
Fresh water	0.00	0.00	0.00	0.00
Atmospheric deposition	14.00	0.00	0.00	0.00
Total nutrients applied	14.00	0.00	0.00	0.00
Anticipated crop nutrient removal	200.00	20.00	100.00	0.00
Actual crop nutrient removal	0.00	0.00	0.00	0.00
Nutrient balance	14.00	0.00	0.00	0.00
Applied to removed ratio	0.00	0.00	0.00	0.00

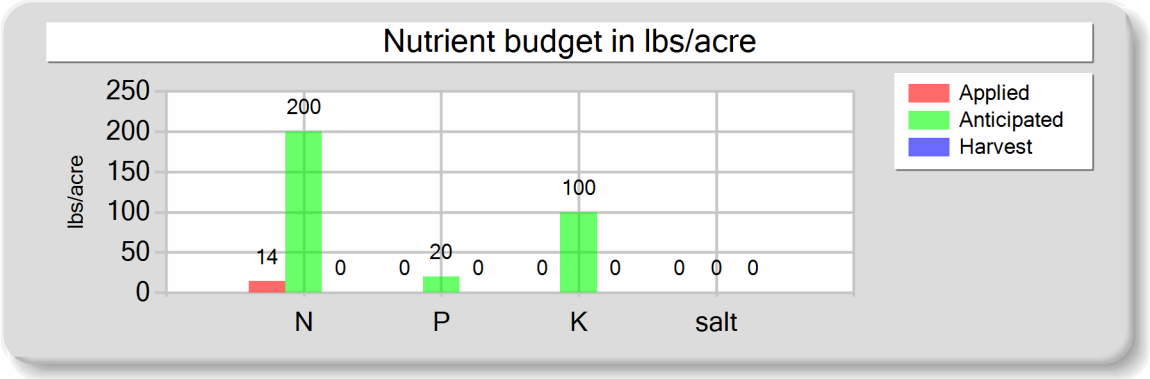
Fresh water applied
0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

Process wastewater applied
0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

Total harvests for the crop
1 *harvests*

Sec. 10-2 - 02/01/2014: Almond, in shell

Field name: Sec. 10-2 Crop: Almond, in shell Plant date: 02/01/2014



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	0.00	0.00	0.00	0.00
Fresh water	0.00	0.00	0.00	0.00
Atmospheric deposition	14.00	0.00	0.00	0.00
Total nutrients applied	14.00	0.00	0.00	0.00
Anticipated crop nutrient removal	200.00	20.00	100.00	0.00
Actual crop nutrient removal	0.00	0.00	0.00	0.00
Nutrient balance	14.00	0.00	0.00	0.00
Applied to removed ratio	0.00	0.00	0.00	0.00

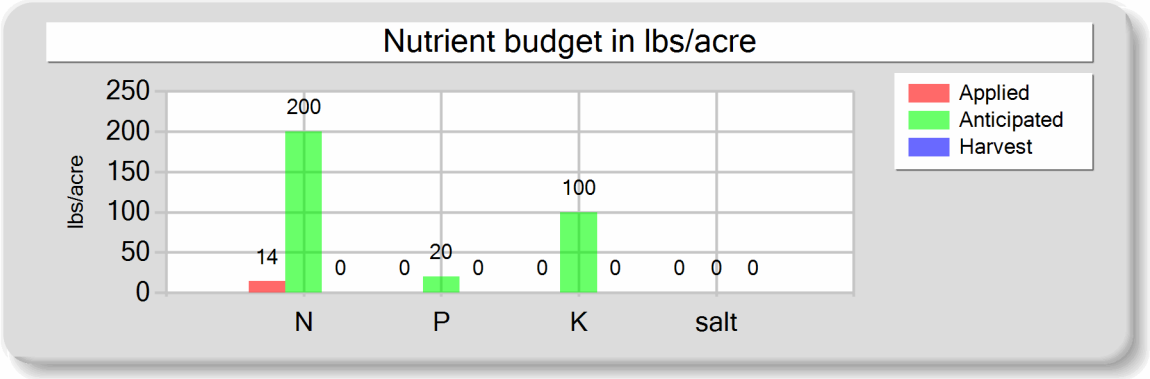
Fresh water applied
0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

Process wastewater applied
0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

Total harvests for the crop
1 *harvests*

Sec. 10-3 - 03/01/2014: Almond, in shell

Field name: Sec. 10-3 Crop: Almond, in shell Plant date: 03/01/2014



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	0.00	0.00	0.00	0.00
Fresh water	0.00	0.00	0.00	0.00
Atmospheric deposition	14.00	0.00	0.00	0.00
Total nutrients applied	14.00	0.00	0.00	0.00
Anticipated crop nutrient removal	200.00	20.00	100.00	0.00
Actual crop nutrient removal	0.00	0.00	0.00	0.00
Nutrient balance	14.00	0.00	0.00	0.00
Applied to removed ratio	0.00	0.00	0.00	0.00

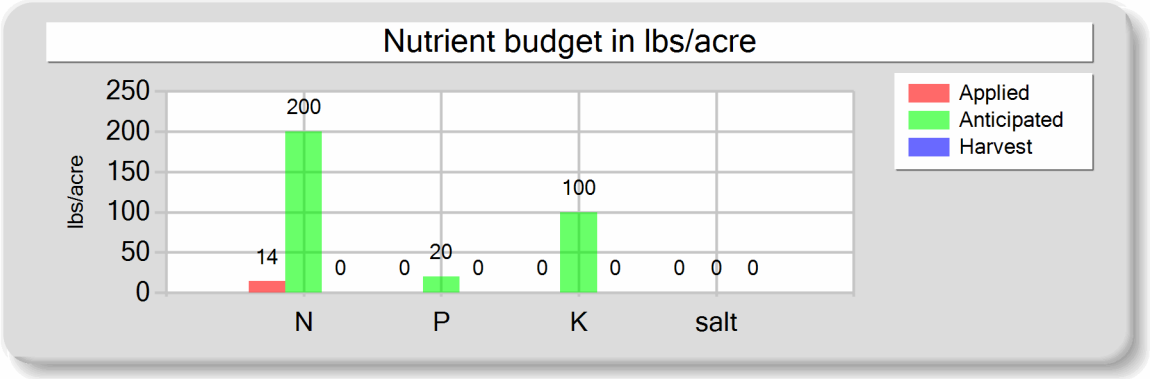
Fresh water applied
0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

Process wastewater applied
0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

Total harvests for the crop
1 *harvests*

Sec. 10-4 - 03/01/2014: Almond, in shell

Field name: Sec. 10-4 Crop: Almond, in shell Plant date: 03/01/2014



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	0.00	0.00	0.00	0.00
Fresh water	0.00	0.00	0.00	0.00
Atmospheric deposition	14.00	0.00	0.00	0.00
Total nutrients applied	14.00	0.00	0.00	0.00
Anticipated crop nutrient removal	200.00	20.00	100.00	0.00
Actual crop nutrient removal	0.00	0.00	0.00	0.00
Nutrient balance	14.00	0.00	0.00	0.00
Applied to removed ratio	0.00	0.00	0.00	0.00

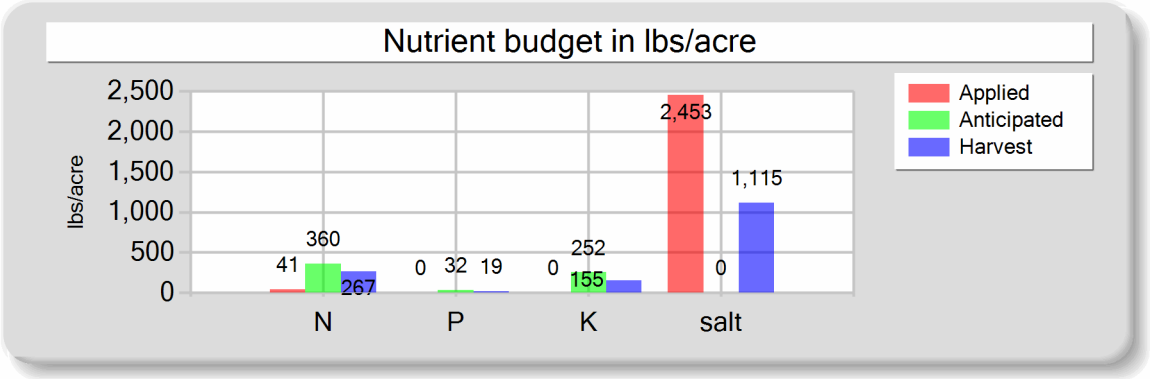
Fresh water applied
0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

Process wastewater applied
0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

Total harvests for the crop
1 *harvests*

Sec. 11-1 - 11/10/2019: Alfalfa, hay

Field name: Sec. 11-1 Crop: Alfalfa, hay Plant date: 11/10/2019



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	0.00	0.00	0.00	0.00
Fresh water	29.86	0.00	0.00	2,453.00
Atmospheric deposition	11.20	0.00	0.00	0.00
Total nutrients applied	41.06	0.00	0.00	2,453.00
Anticipated crop nutrient removal	360.00	32.40	252.00	0.00
Actual crop nutrient removal	266.97	18.65	154.97	1,115.26
Nutrient balance	-225.91	-18.65	-154.97	1,337.74
Applied to removed ratio	0.15	0.00	0.00	2.20

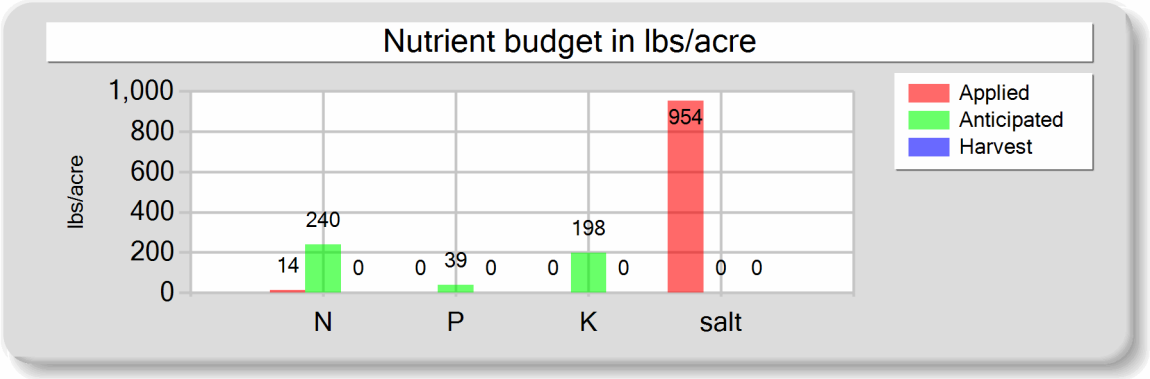
Fresh water applied	
91,636,380.00	*gallons*
3,374.66	*acre-inches*
41.66	*inches/acre*

Process wastewater applied	
0.00	*gallons*
0.00	*acre-inches*
0.00	*inches/acre*

Total harvests for the crop	
4	*harvests*

Sec. 11-1 - 11/25/2023: Alfalfa/Winter Forage Mix

Field name: Sec. 11-1 Crop: Alfalfa/Winter Forage Mix Plant date: 11/25/2023



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	0.00	0.00	0.00	0.00
Fresh water	10.70	0.00	0.00	953.67
Atmospheric deposition	2.80	0.00	0.00	0.00
Total nutrients applied	13.50	0.00	0.00	953.67
Anticipated crop nutrient removal	240.00	39.00	198.00	0.00
Actual crop nutrient removal	0.00	0.00	0.00	0.00
Nutrient balance	13.50	0.00	0.00	953.67
Applied to removed ratio	0.00	0.00	0.00	0.00

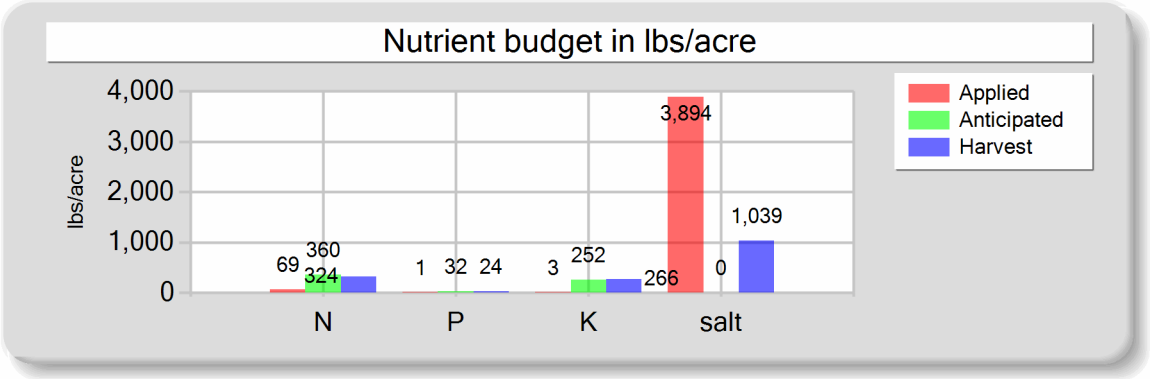
Fresh water applied	
37,181,820.00	*gallons*
1,369.28	*acre-inches*
16.90	*inches/acre*

Process wastewater applied	
0.00	*gallons*
0.00	*acre-inches*
0.00	*inches/acre*

Total harvests for the crop	
1	*harvests*

Sec. 11-2 - 11/28/2022: Alfalfa, hay

Field name: Sec. 11-2 Crop: Alfalfa, hay Plant date: 11/28/2022



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	7.10	0.56	2.92	35.36
Fresh water	47.50	0.00	0.00	3,858.43
Atmospheric deposition	14.00	0.00	0.00	0.00
Total nutrients applied	68.60	0.56	2.92	3,893.79
Anticipated crop nutrient removal	360.00	32.40	252.00	0.00
Actual crop nutrient removal	323.92	23.64	265.97	1,038.57
Nutrient balance	-255.33	-23.08	-263.06	2,855.22
Applied to removed ratio	0.21	0.02	0.01	3.75

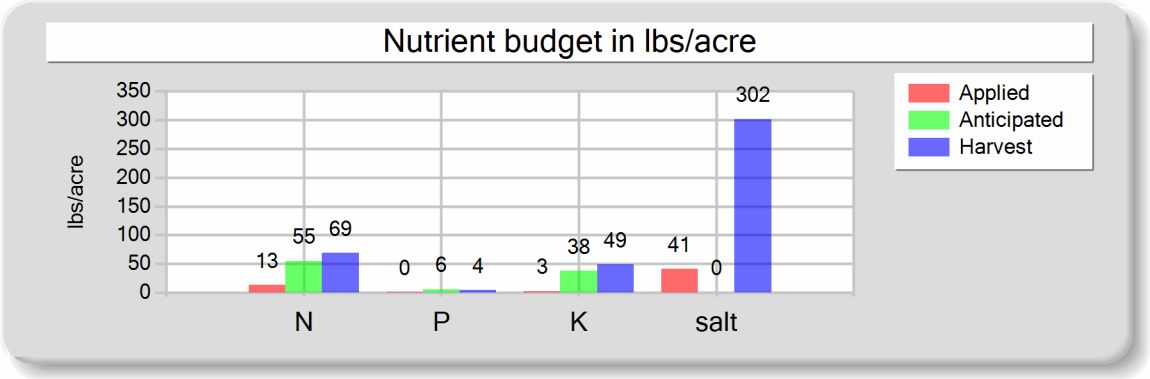
Fresh water applied	
138,941,100.00	*gallons*
5,116.73	*acre-inches*
62.40	*inches/acre*

Process wastewater applied	
120,240.00	*gallons*
4.43	*acre-inches*
0.05	*inches/acre*

Total harvests for the crop	
5	*harvests*

Sec. 11-3 - 12/07/2022: Alfalfa/Wheat Mix Hay

Field name: Sec. 11-3 Crop: Alfalfa/Wheat Mix Hay Plant date: 12/07/2022



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	5.81	0.35	2.64	17.90
Fresh water	0.25	0.00	0.00	23.08
Atmospheric deposition	7.00	0.00	0.00	0.00
Total nutrients applied	13.06	0.35	2.64	40.98
Anticipated crop nutrient removal	55.00	6.00	37.50	0.00
Actual crop nutrient removal	68.71	4.07	48.79	301.69
Nutrient balance	-55.65	-3.71	-46.15	-260.71
Applied to removed ratio	0.19	0.09	0.05	0.14

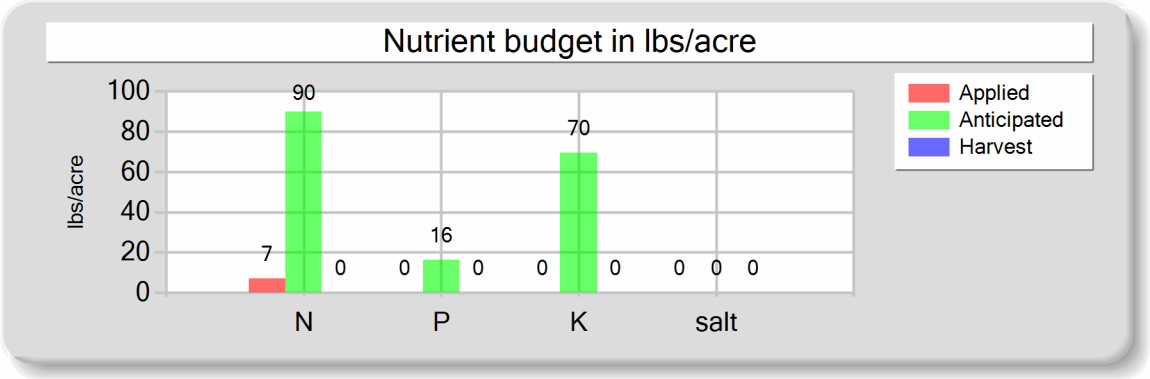
Fresh water applied	
979,500.00	*gallons*
36.07	*acre-inches*
0.42	*inches/acre*

Process wastewater applied	
160,320.00	*gallons*
5.90	*acre-inches*
0.07	*inches/acre*

Total harvests for the crop	
1	*harvests*

Sec. 11-3 - 12/11/2023: Winter Forage

Field name: Sec. 11-3 Crop: Winter Forage Plant date: 12/11/2023



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	0.00	0.00	0.00	0.00
Fresh water	0.00	0.00	0.00	0.00
Atmospheric deposition	7.00	0.00	0.00	0.00
Total nutrients applied	7.00	0.00	0.00	0.00
Anticipated crop nutrient removal	90.00	16.20	69.60	0.00
Actual crop nutrient removal	0.00	0.00	0.00	0.00
Nutrient balance	7.00	0.00	0.00	0.00
Applied to removed ratio	0.00	0.00	0.00	0.00

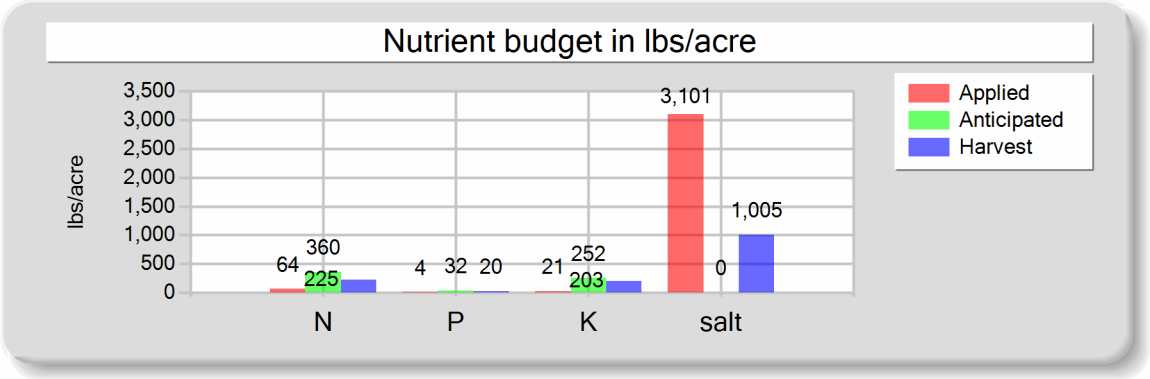
Fresh water applied
0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

Process wastewater applied
0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

Total harvests for the crop
1 *harvests*

Sec. 11-4 - 11/10/2022: Alfalfa, hay

Field name: Sec. 11-4 Crop: Alfalfa, hay Plant date: 11/10/2022



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	28.40	3.96	20.53	127.56
Fresh water	21.22	0.00	0.00	2,973.30
Atmospheric deposition	14.00	0.00	0.00	0.00
Total nutrients applied	63.62	3.96	20.53	3,100.87
Anticipated crop nutrient removal	360.00	32.40	252.00	0.00
Actual crop nutrient removal	224.63	20.32	203.40	1,004.83
Nutrient balance	-161.00	-16.36	-182.87	2,096.03
Applied to removed ratio	0.28	0.19	0.10	3.09

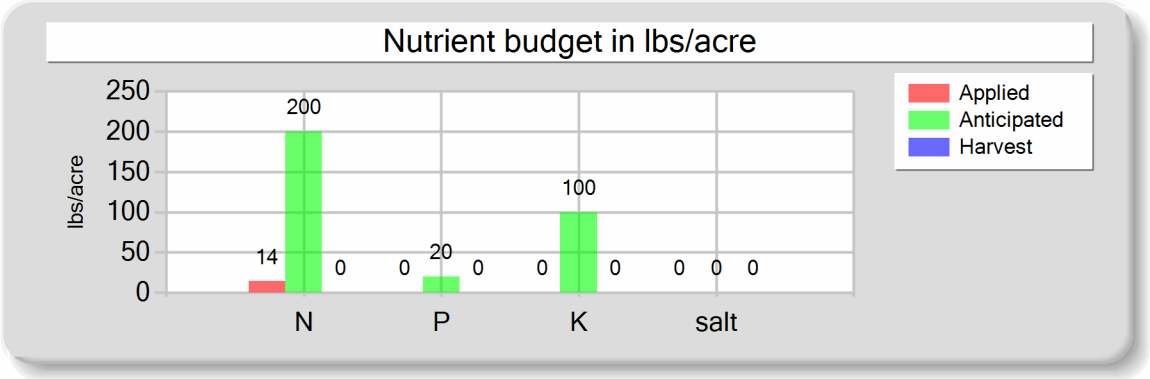
Fresh water applied	
111,079,500.00	*gallons*
4,090.68	*acre-inches*
60.16	*inches/acre*

Process wastewater applied	
350,700.00	*gallons*
12.92	*acre-inches*
0.19	*inches/acre*

Total harvests for the crop	
5	*harvests*

Sec. 11-5 - 01/01/2015: Almond, in shell

Field name: Sec. 11-5 Crop: Almond, in shell Plant date: 01/01/2015



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	0.00	0.00	0.00	0.00
Fresh water	0.00	0.00	0.00	0.00
Atmospheric deposition	14.00	0.00	0.00	0.00
Total nutrients applied	14.00	0.00	0.00	0.00
Anticipated crop nutrient removal	200.00	20.00	100.00	0.00
Actual crop nutrient removal	0.00	0.00	0.00	0.00
Nutrient balance	14.00	0.00	0.00	0.00
Applied to removed ratio	0.00	0.00	0.00	0.00

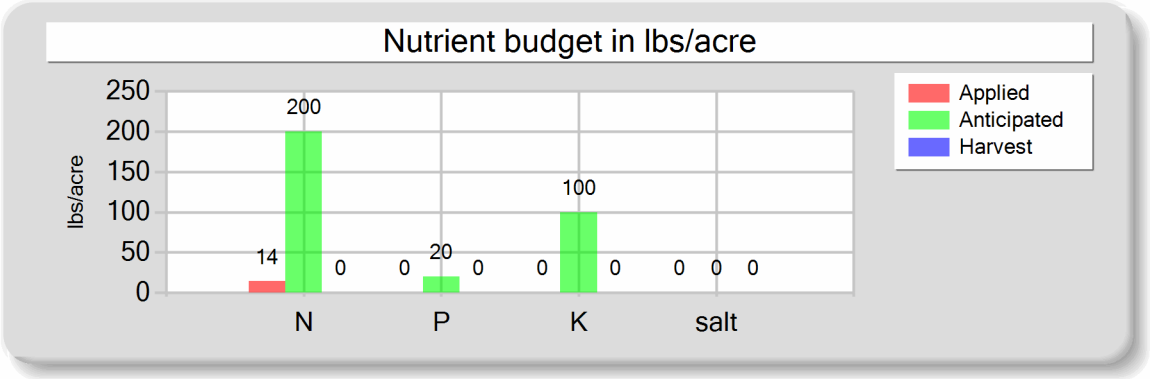
Fresh water applied
0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

Process wastewater applied
0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

Total harvests for the crop
1 *harvests*

Sec. 11-6 - 01/01/2015: Almond, in shell

Field name: Sec. 11-6 Crop: Almond, in shell Plant date: 01/01/2015



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	0.00	0.00	0.00	0.00
Fresh water	0.00	0.00	0.00	0.00
Atmospheric deposition	14.00	0.00	0.00	0.00
Total nutrients applied	14.00	0.00	0.00	0.00
Anticipated crop nutrient removal	200.00	20.00	100.00	0.00
Actual crop nutrient removal	0.00	0.00	0.00	0.00
Nutrient balance	14.00	0.00	0.00	0.00
Applied to removed ratio	0.00	0.00	0.00	0.00

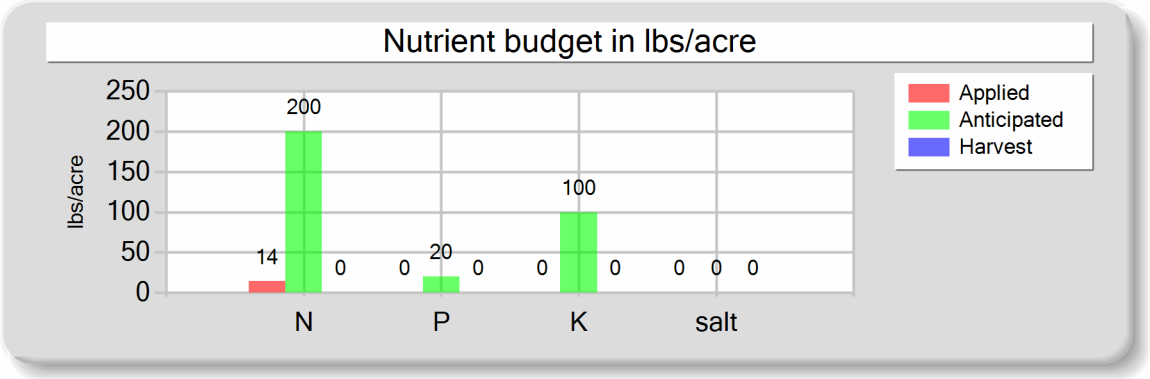
Fresh water applied
0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

Process wastewater applied
0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

Total harvests for the crop
1 *harvests*

Sec. 11-7 - 01/01/2017: Almond, in shell

Field name: Sec. 11-7 Crop: Almond, in shell Plant date: 01/01/2017



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	0.00	0.00	0.00	0.00
Fresh water	0.00	0.00	0.00	0.00
Atmospheric deposition	14.00	0.00	0.00	0.00
Total nutrients applied	14.00	0.00	0.00	0.00
Anticipated crop nutrient removal	200.00	20.00	100.00	0.00
Actual crop nutrient removal	0.00	0.00	0.00	0.00
Nutrient balance	14.00	0.00	0.00	0.00
Applied to removed ratio	0.00	0.00	0.00	0.00

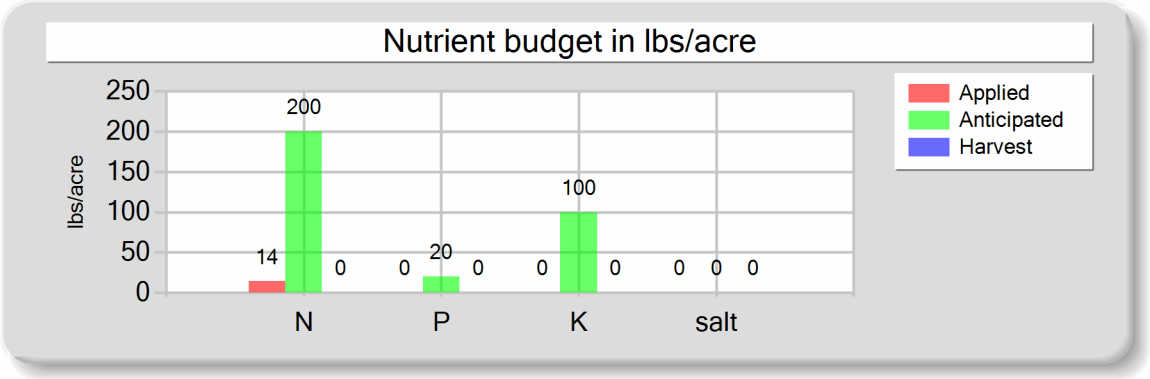
Fresh water applied
0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

Process wastewater applied
0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

Total harvests for the crop
1 *harvests*

Sec. 11-8 - 01/01/2017: Almond, in shell

Field name: Sec. 11-8 Crop: Almond, in shell Plant date: 01/01/2017



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	0.00	0.00	0.00	0.00
Fresh water	0.00	0.00	0.00	0.00
Atmospheric deposition	14.00	0.00	0.00	0.00
Total nutrients applied	14.00	0.00	0.00	0.00
Anticipated crop nutrient removal	200.00	20.00	100.00	0.00
Actual crop nutrient removal	0.00	0.00	0.00	0.00
Nutrient balance	14.00	0.00	0.00	0.00
Applied to removed ratio	0.00	0.00	0.00	0.00

Fresh water applied
0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

Process wastewater applied
0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

Total harvests for the crop
1 *harvests*

NUTRIENT ANALYSES

A. MANURE ANALYSES

Biannual Spring - Heifer Manure

Sample and source description: Biannual Spring - Heifer Manure

Sample date: 05/15/2023 Material type: Corral solids Source of analysis: Lab analysis Method of reporting: As-is

Moisture: 12.7 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Calcium (mg/kg)	Magnesium (mg/kg)	Sodium (mg/kg)	Sulfur (mg/kg)	Chloride (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	18,900.00	3,200.00	39,300.00							47.67
DL	0.01	0.01	0.01							0.01

Biannual Spring - Milk Cow Manure

Sample and source description: Biannual Spring - Milk Cow Manure

Sample date: 05/15/2023 Material type: Corral solids Source of analysis: Lab analysis Method of reporting: As-is

Moisture: 6.6 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Calcium (mg/kg)	Magnesium (mg/kg)	Sodium (mg/kg)	Sulfur (mg/kg)	Chloride (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	23,200.00	4,600.00	21,800.00							36.47
DL	0.01	0.01	0.01							0.01

Manure Export - Pen 15

Sample and source description: Manure Export - Pen 15

Sample date: 09/13/2023 Material type: Corral solids Source of analysis: Lab analysis Method of reporting: As-is

Moisture: 9.6 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Calcium (mg/kg)	Magnesium (mg/kg)	Sodium (mg/kg)	Sulfur (mg/kg)	Chloride (mg/kg)	Total salt (mg/kg)	TFS (%)
Value										
DL										

Biannual Fall - Heifer Manure

Sample and source description: Biannual Fall - Heifer Manure

Sample date: 09/14/2023 Material type: Corral solids Source of analysis: Lab analysis Method of reporting: As-is

Moisture: 11.0 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Calcium (mg/kg)	Magnesium (mg/kg)	Sodium (mg/kg)	Sulfur (mg/kg)	Chloride (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	23,300.00	5,800.00	30,700.00							57.10
DL	0.01	0.01	0.01							0.01

Manure Export - Pen 14

Sample and source description: Manure Export - Pen 14

Sample date: 09/14/2023 Material type: Corral solids Source of analysis: Lab analysis Method of reporting: As-is

Moisture: 14.4 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Calcium (mg/kg)	Magnesium (mg/kg)	Sodium (mg/kg)	Sulfur (mg/kg)	Chloride (mg/kg)	Total salt (mg/kg)	TFS (%)
Value										
DL										

Manure Export - Pen 44

Sample and source description: Manure Export - Pen 44

Sample date: 10/24/2023 Material type: Corral solids Source of analysis: Lab analysis Method of reporting: As-is

Moisture: 47.7 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Calcium (mg/kg)	Magnesium (mg/kg)	Sodium (mg/kg)	Sulfur (mg/kg)	Chloride (mg/kg)	Total salt (mg/kg)	TFS (%)
Value										
DL										

Manure Export

Sample and source description: Manure Export

Sample date: 12/28/2023 Material type: Corral solids Source of analysis: Lab analysis Method of reporting: As-is

Moisture: 49.6 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Calcium (mg/kg)	Magnesium (mg/kg)	Sodium (mg/kg)	Sulfur (mg/kg)	Chloride (mg/kg)	Total salt (mg/kg)	TFS (%)
Value										
DL										

B. PROCESS WASTEWATER ANALYSES

Pond - WW 1st Qtr - JML - A

Sample and source description: Pond - WW 1st Qtr - JML - A

Sample date: 01/04/2023 Material type: Process wastewater Source of analysis: Lab analysis pH: 7.50

	Kjeldahl-N (mg/L)	NH4-N (mg/L)	NH3-N (mg/L)	Nitrate-N (mg/L)	Total P (mg/L)	Total K (mg/L)	Calcium (mg/L)	Magnes. (mg/L)	Sodium (mg/L)	Bicarb. (mg/L)	Carb. (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	EC (µmhos/cm)	TDS (mg/L)
Value	369.00	88.10	1.40	0.21	22.48	167.70								1,800.00	1,137
DL	20.00	0.57	0.57	0.04	0.01	0.01								0.01	19

Pond - WW 2nd Qtr - JML -A

Sample and source description: Pond - WW 2nd Qtr - JML -A

Sample date: 04/21/2023 Material type: Process wastewater Source of analysis: Lab analysis pH: 7.50

	Kjeldahl-N (mg/L)	NH4-N (mg/L)	NH3-N (mg/L)	Nitrate-N (mg/L)	Total P (mg/L)	Total K (mg/L)	Calcium (mg/L)	Magnes. (mg/L)	Sodium (mg/L)	Bicarb. (mg/L)	Carb. (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	EC (µmhos/cm)	TDS (mg/L)
Value	500.00	262.20	3.80	0.16										4,400.00	2,815
DL	20.00	0.57	0.57	0.04										0.01	19

Pond - WW 3rd Otr - JML - A

Sample and source description: Pond - WW 3rd Otr - JML - A

Sample date: 07/12/2023 Material type: Process wastewater Source of analysis: Lab analysis pH: 7.50

	Kjeldahl-N (mg/L)	NH4-N (mg/L)	NH3-N (mg/L)	Nitrate-N (mg/L)	Total P (mg/L)	Total K (mg/L)	Calcium (mg/L)	Magnes. (mg/L)	Sodium (mg/L)	Bicarb. (mg/L)	Carb. (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	EC (µmhos/cm)	TDS (mg/L)
Value	659.00	273.60	4.40	0.85	91.90	477.00								4,632.00	2,964
DL	20.00	0.57	0.57	0.04	0.01	0.01								0.01	19

Pond - WW 4th Qtr - JML - B

Sample and source description: Pond - WW 4th Qtr - JML - B

Sample date: 11/03/2023 Material type: Process wastewater Source of analysis: Lab analysis pH: 7.30

	Kjeldahl-N (mg/L)	NH4-N (mg/L)	NH3-N (mg/L)	Nitrate-N (mg/L)	Total P (mg/L)	Total K (mg/L)	Calcium (mg/L)	Magnes. (mg/L)	Sodium (mg/L)	Bicarb. (mg/L)	Carb. (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	EC (µmhos/cm)	TDS (mg/L)
Value	870.00	188.60	1.80	0.35	96.00	606.00								5,500.00	3,526
DL	20.00	0.57	0.57	0.04	0.01	0.01								0.01	19

C. FRESH WATER ANALYSES

Ag Well #10

Pump 10 - 1yr Test

Sample description: Pump 10 - 1yr Test

Sample date: 11/14/2023 Source of analysis: Lab analysis

	Total N (mg/L)	NH4-N (mg/L)	Nitrate-N (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Bicarbonate (mg/L)	Carbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	EC (µmhos/cm)	TDS (mg/L)
Value	0.68										190.00	
DL	0.23										1.00	

Ag Well #10

Groundwater Pump #10 - 5yr Test

Sample description: Groundwater Pump #10 - 5yr Test

Sample date: 11/30/2023 Source of analysis: Lab analysis

	Total N (mg/L)	NH4-N (mg/L)	Nitrate-N (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Bicarbonate (mg/L)	Carbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	EC (µmhos/cm)	TDS (mg/L)
Value	0.73			34.00	3.10	66.00	68.00	0.00	3.40	9.40	190.00	160
DL	0.23			0.10	0.10	1.00	3.00	3.00	1.00	1.00	1.00	5

Ag Well #10-2

Groundwater Pump #10-2

Sample description: Groundwater Pump #10-2

Sample date: 11/30/2023 Source of analysis: Lab analysis

	Total N (mg/L)	NH4-N (mg/L)	Nitrate-N (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Bicarbonate (mg/L)	Carbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	EC (µmhos/cm)	TDS (mg/L)
Value	7.00										490.00	
DL	0.23										1.00	

Ag Well #10-3

Groundwater Pump #10-3

Sample description: Groundwater Pump #10-3

Sample date: 11/30/2023 Source of analysis: Lab analysis

	Total N (mg/L)	NH4-N (mg/L)	Nitrate-N (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Bicarbonate (mg/L)	Carbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	EC (µmhos/cm)	TDS (mg/L)
Value	7.30										500.00	
DL	0.23										1.00	

Ag Well #11

Ag Well #11

Groundwater Pump #11 (2022)

Sample description: Groundwater Pump #11 (2022)

Sample date: 06/14/2022 Source of analysis: Lab analysis

	Total N (mg/L)	NH4-N (mg/L)	Nitrate-N (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Bicarbonate (mg/L)	Carbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	EC (µmhos/cm)	TDS (mg/L)
Value	9.60										740.00	
DL	0.23										1.00	

Ag Well #11-1

Pump 11-1 - 1yr Test

Sample description: Pump 11-1 - 1yr Test

Sample date: 11/14/2023 Source of analysis: Lab analysis

	Total N (mg/L)	NH4-N (mg/L)	Nitrate-N (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Bicarbonate (mg/L)	Carbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	EC (µmhos/cm)	TDS (mg/L)
Value	0.00										170.00	
DL	0.23										1.00	

Ag Well #11-3

Pump 11-3 -1yr Test

Sample description: Pump 11-3 -1yr Test

Sample date: 11/14/2023 Source of analysis: Lab analysis

	Total N (mg/L)	NH4-N (mg/L)	Nitrate-N (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Bicarbonate (mg/L)	Carbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	EC (µmhos/cm)	TDS (mg/L)
Value	0.00										250.00	
DL	0.23										1.00	

Ag Well #11-5

Ag Well #11-5

Pump 11-5 - 1yr Test

Sample description: Pump 11-5 - 1yr Test

Sample date: 11/14/2023 Source of analysis: Lab analysis

	Total N (mg/L)	NH4-N (mg/L)	Nitrate-N (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Bicarbonate (mg/L)	Carbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	EC (µmhos/cm)	TDS (mg/L)
Value	0.00										220.00	
DL	0.23										1.00	

Ag Well #12

Pump 12 - 5yr Test

Sample description: Pump 12 - 5yr Test

Sample date: 10/26/2023 Source of analysis: Lab analysis

	Total N (mg/L)	NH4-N (mg/L)	Nitrate-N (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Bicarbonate (mg/L)	Carbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	EC (µmhos/cm)	TDS (mg/L)
Value	9.80			93.00	11.00	110.00	310.00	0.00	64.00	75.00	1,000.00	630
DL	0.23			0.10	0.10	1.00	3.00	3.00	1.00	1.00	1.00	5

Ag Well #13

Groundwater Pump #13 (2022)

Sample description: Groundwater Pump #13 (2022)

Sample date: 06/14/2022 Source of analysis: Lab analysis

	Total N (mg/L)	NH4-N (mg/L)	Nitrate-N (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Bicarbonate (mg/L)	Carbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	EC (µmhos/cm)	TDS (mg/L)
Value	4.30										530.00	
DL	0.23										1.00	

Ag Well #16

Ag Well #16

Pump 16 - 1yr Test

Sample description: Pump 16 - 1yr Test

Sample date: 11/14/2023 Source of analysis: Lab analysis

	Total N (mg/L)	NH4-N (mg/L)	Nitrate-N (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Bicarbonate (mg/L)	Carbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	EC (µmhos/cm)	TDS (mg/L)
Value	0.00										160.00	
DL	0.23										1.00	

Ag Well #18

Pump 18 - 1yr Test

Sample description: Pump 18 - 1yr Test

Sample date: 11/14/2023 Source of analysis: Lab analysis

	Total N (mg/L)	NH4-N (mg/L)	Nitrate-N (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Bicarbonate (mg/L)	Carbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	EC (µmhos/cm)	TDS (mg/L)
Value	7.60										680.00	
DL	0.23										1.00	

Ag Well #19

Pump 19 - 5yr Test

Sample description: Pump 19 - 5yr Test

Sample date: 11/14/2023 Source of analysis: Lab analysis

	Total N (mg/L)	NH4-N (mg/L)	Nitrate-N (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Bicarbonate (mg/L)	Carbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	EC (µmhos/cm)	TDS (mg/L)
Value	9.70			92.00	10.00	110.00	200.00	0.00	61.00	92.00	880.00	600
DL	0.23			0.10	0.10	1.00	3.00	3.00	1.00	1.00	1.00	5

Ag Well #2

Ag Well #2

Groundwater Pump #2 - 1yr Test

Sample description: Groundwater Pump #2 - 1yr Test

Sample date: 11/30/2023 Source of analysis: Lab analysis

	Total N (mg/L)	NH4-N (mg/L)	Nitrate-N (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Bicarbonate (mg/L)	Carbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	EC (µmhos/cm)	TDS (mg/L)
Value	5.60										830.00	
DL	0.23										1.00	

Ag Well #23

Pump 23 - 5yr Test

Sample description: Pump 23 - 5yr Test

Sample date: 11/14/2023 Source of analysis: Lab analysis

	Total N (mg/L)	NH4-N (mg/L)	Nitrate-N (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Bicarbonate (mg/L)	Carbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	EC (µmhos/cm)	TDS (mg/L)
Value	14.00			100.00	11.00	93.00	220.00	0.00	58.00	83.00	920.00	640
DL	0.23			0.10	0.10	1.00	3.00	3.00	1.00	1.00	1.00	5

Ag Well #24

Pump 24 - 5yr Test

Sample description: Pump 24 - 5yr Test

Sample date: 11/14/2023 Source of analysis: Lab analysis

	Total N (mg/L)	NH4-N (mg/L)	Nitrate-N (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Bicarbonate (mg/L)	Carbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	EC (µmhos/cm)	TDS (mg/L)
Value	15.00			120.00	12.00	100.00	230.00	0.00	75.00	110.00	1,000.00	680
DL	0.23			0.10	0.10	1.00	3.00	3.00	1.00	1.00	1.00	5

Ag Well #25

Ag Well #25

Pump 25 - 5yr Test

Sample description: Pump 25 - 5yr Test

Sample date: 11/14/2023 Source of analysis: Lab analysis

	Total N (mg/L)	NH4-N (mg/L)	Nitrate-N (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Bicarbonate (mg/L)	Carbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	EC (µmhos/cm)	TDS (mg/L)
Value	7.20			89.00	9.00	88.00	190.00	0.00	47.00	75.00	770.00	510
DL	0.23			0.10	0.10	1.00	3.00	3.00	1.00	1.00	1.00	5

Ag Well #27

Groundwater Pump #27 (2022)

Sample description: Groundwater Pump #27 (2022)

Sample date: 06/14/2022 Source of analysis: Lab analysis

	Total N (mg/L)	NH4-N (mg/L)	Nitrate-N (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Bicarbonate (mg/L)	Carbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	EC (µmhos/cm)	TDS (mg/L)
Value	11.00										850.00	
DL	0.23										1.00	

Ag Well #29

Pump 29 - 5yr Test

Sample description: Pump 29 - 5yr Test

Sample date: 11/08/2023 Source of analysis: Lab analysis

	Total N (mg/L)	NH4-N (mg/L)	Nitrate-N (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Bicarbonate (mg/L)	Carbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	EC (µmhos/cm)	TDS (mg/L)
Value	10.00			52.00	6.90	60.00	170.00	0.00	37.00	73.00	710.00	490
DL	0.23			0.10	0.10	1.00	3.00	3.00	1.00	1.00	1.00	5

Ag Well #29

Groundwater Pump #29 -5yr Test

Sample description: Groundwater Pump #29 -5yr Test

Sample date: 11/30/2023 Source of analysis: Lab analysis

	Total N (mg/L)	NH4-N (mg/L)	Nitrate-N (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Bicarbonate (mg/L)	Carbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	EC (µmhos/cm)	TDS (mg/L)
Value	6.30			57.00	7.20	73.00	90.00	0.00	23.00	47.00	500.00	430
DL	0.23			0.10	0.10	1.00	3.00	3.00	1.00	1.00	1.00	5

Ag Well #3

Groundwater Pump #3

Sample description: Groundwater Pump #3

Sample date: 11/30/2023 Source of analysis: Lab analysis

	Total N (mg/L)	NH4-N (mg/L)	Nitrate-N (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Bicarbonate (mg/L)	Carbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	EC (µmhos/cm)	TDS (mg/L)
Value	0.95										270.00	
DL	0.23										1.00	

Ag Well #4

Pump 4 - 1yr Test

Sample description: Pump 4 - 1yr Test

Sample date: 10/26/2023 Source of analysis: Lab analysis

	Total N (mg/L)	NH4-N (mg/L)	Nitrate-N (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Bicarbonate (mg/L)	Carbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	EC (µmhos/cm)	TDS (mg/L)
Value	2.60										400.00	
DL	1.00										0.23	

Ag Well#8

Ag Well#8

Groundwater Pump #8 (2022)

Sample description: Groundwater Pump #8 (2022)

Sample date: 06/14/2022 Source of analysis: Lab analysis

	Total N (mg/L)	NH4-N (mg/L)	Nitrate-N (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Bicarbonate (mg/L)	Carbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	EC (µmhos/cm)	TDS (mg/L)
Value	14.00										1,000.00	
DL	0.23										1.00	

Domestic Well - 11906 S. Jameson

11906 S. Jameson - Domestic Well

Sample description: 11906 S. Jameson - Domestic Well

Sample date: 11/15/2023 Source of analysis: Lab analysis

	Total N (mg/L)	NH4-N (mg/L)	Nitrate-N (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Bicarbonate (mg/L)	Carbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	EC (µmhos/cm)	TDS (mg/L)
Value	0.00										92.00	
DL	0.23										1.00	

D. SOIL ANALYSES

10

Soil Analysis - F10

Sample and source description: Soil Analysis - F10

Sample date: 12/27/2023 Source of analysis: Lab analysis

	Nitrate-N (mg/kg)	Total P (mg/kg)	Soluble P (mg/kg)	K (mg/kg)	EC (µmhos/cm)	Organic matter (%)	Total salt (mg/kg)
Value	2.44	3.11		36.50			
DL	0.01	0.01		0.01			

12

Soil Analysis - F12

Sample and source description: Soil Analysis - F12

Sample date: 12/27/2023 Source of analysis: Lab analysis

	Nitrate-N (mg/kg)	Total P (mg/kg)	Soluble P (mg/kg)	K (mg/kg)	EC (µmhos/cm)	Organic matter (%)	Total salt (mg/kg)
Value	1.72	4.30		36.20			
DL	0.01	0.01		0.01			

13

Soil Analysis - F13

Sample and source description: Soil Analysis - F13

Sample date: 12/27/2023 Source of analysis: Lab analysis

	Nitrate-N (mg/kg)	Total P (mg/kg)	Soluble P (mg/kg)	K (mg/kg)	EC (µmhos/cm)	Organic matter (%)	Total salt (mg/kg)
Value	2.07	2.34		59.30			
DL	0.01	0.01		0.01			

16

Soil Analysis - F16

Sample and source description: Soil Analysis - F16

Sample date: 12/29/2023 Source of analysis: Lab analysis

	Nitrate-N (mg/kg)	Total P (mg/kg)	Soluble P (mg/kg)	K (mg/kg)	EC (µmhos/cm)	Organic matter (%)	Total salt (mg/kg)
Value	0.00	2.87		39.70			
DL	0.01	0.01		0.01			

17

17

Soil Analysis - F17

Sample and source description: Soil Analysis - F17

Sample date: 12/27/2023 Source of analysis: Lab analysis

	Nitrate-N (mg/kg)	Total P (mg/kg)	Soluble P (mg/kg)	K (mg/kg)	EC (µmhos/cm)	Organic matter (%)	Total salt (mg/kg)
Value	1.43	2.82		48.00			
DL	0.01	0.01		0.01			

18

Soil Analysis - F18

Sample and source description: Soil Analysis - F18

Sample date: 12/27/2023 Source of analysis: Lab analysis

	Nitrate-N (mg/kg)	Total P (mg/kg)	Soluble P (mg/kg)	K (mg/kg)	EC (µmhos/cm)	Organic matter (%)	Total salt (mg/kg)
Value	2.42	2.54		96.30			
DL	0.01	0.01		0.01			

19

Soil Analysis - F19

Sample and source description: Soil Analysis - F19

Sample date: 12/29/2023 Source of analysis: Lab analysis

	Nitrate-N (mg/kg)	Total P (mg/kg)	Soluble P (mg/kg)	K (mg/kg)	EC (µmhos/cm)	Organic matter (%)	Total salt (mg/kg)
Value	2.24	2.25		56.90			
DL	0.01	0.01		0.01			

20

20

Soil Analysis - F20

Sample and source description: Soil Analysis - F20

Sample date: 12/28/2023 Source of analysis: Lab analysis

	Nitrate-N (mg/kg)	Total P (mg/kg)	Soluble P (mg/kg)	K (mg/kg)	EC (µmhos/cm)	Organic matter (%)	Total salt (mg/kg)
Value	0.00	2.66		96.70			
DL	0.01	0.01		0.01			

21

Soil Analysis - F21

Sample and source description: Soil Analysis - F21

Sample date: 12/29/2023 Source of analysis: Lab analysis

	Nitrate-N (mg/kg)	Total P (mg/kg)	Soluble P (mg/kg)	K (mg/kg)	EC (µmhos/cm)	Organic matter (%)	Total salt (mg/kg)
Value	3.53	7.87		138.00			
DL	0.01	0.01		0.01			

27

Soil Analysis - F27

Sample and source description: Soil Analysis - F27

Sample date: 12/27/2023 Source of analysis: Lab analysis

	Nitrate-N (mg/kg)	Total P (mg/kg)	Soluble P (mg/kg)	K (mg/kg)	EC (µmhos/cm)	Organic matter (%)	Total salt (mg/kg)
Value	1.91	4.45		130.00			
DL	0.01	0.01		0.01			

28

28

Soil Analysis - F28

Sample and source description: Soil Analysis - F28

Sample date: 12/27/2023 Source of analysis: Lab analysis

	Nitrate-N (mg/kg)	Total P (mg/kg)	Soluble P (mg/kg)	K (mg/kg)	EC (µmhos/cm)	Organic matter (%)	Total salt (mg/kg)
Value	1.54	2.37		77.30			
DL	0.01	0.01		0.01			

4

Soil Analysis - F4

Sample and source description: Soil Analysis - F4

Sample date: 12/30/2023 Source of analysis: Lab analysis

	Nitrate-N (mg/kg)	Total P (mg/kg)	Soluble P (mg/kg)	K (mg/kg)	EC (µmhos/cm)	Organic matter (%)	Total salt (mg/kg)
Value	3.07	6.33		117.00			
DL	0.01	0.01		0.01			

6

Soil Analysis - F6

Sample and source description: Soil Analysis - F6

Sample date: 12/27/2023 Source of analysis: Lab analysis

	Nitrate-N (mg/kg)	Total P (mg/kg)	Soluble P (mg/kg)	K (mg/kg)	EC (µmhos/cm)	Organic matter (%)	Total salt (mg/kg)
Value	4.53	6.20		36.50			
DL	0.01	0.01		0.01			

7

7

Soil Analysis - F7

Sample and source description: Soil Analysis - F7

Sample date: 12/28/2023 Source of analysis: Lab analysis

	Nitrate-N (mg/kg)	Total P (mg/kg)	Soluble P (mg/kg)	K (mg/kg)	EC (µmhos/cm)	Organic matter (%)	Total salt (mg/kg)
Value	0.22	2.37		48.90			
DL	0.01	0.01		0.01			

8

Soil Analysis - F8

Sample and source description: Soil Analysis - F8

Sample date: 12/28/2023 Source of analysis: Lab analysis

	Nitrate-N (mg/kg)	Total P (mg/kg)	Soluble P (mg/kg)	K (mg/kg)	EC (µmhos/cm)	Organic matter (%)	Total salt (mg/kg)
Value	2.45	2.89		59.40			
DL	0.01	0.01		0.01			

9

Soil Analysis - F9

Sample and source description: Soil Analysis - F9

Sample date: 12/28/2023 Source of analysis: Lab analysis

	Nitrate-N (mg/kg)	Total P (mg/kg)	Soluble P (mg/kg)	K (mg/kg)	EC (µmhos/cm)	Organic matter (%)	Total salt (mg/kg)
Value	2.58	7.36		143.00			
DL	0.01	0.01		0.01			

Sec. 10-1

Sec. 10-1

Soil Analysis - Sec. 10 F1

Sample and source description: Soil Analysis - Sec. 10 F1

Sample date: 12/29/2023 Source of analysis: Lab analysis

	Nitrate-N (mg/kg)	Total P (mg/kg)	Soluble P (mg/kg)	K (mg/kg)	EC (µmhos/cm)	Organic matter (%)	Total salt (mg/kg)
Value	12.42	10.78		216.00			
DL	0.01	0.01		0.01			

Sec. 10-2

Soil Analysis - Sec. 10 F2

Sample and source description: Soil Analysis - Sec. 10 F2

Sample date: 12/29/2023 Source of analysis: Lab analysis

	Nitrate-N (mg/kg)	Total P (mg/kg)	Soluble P (mg/kg)	K (mg/kg)	EC (µmhos/cm)	Organic matter (%)	Total salt (mg/kg)
Value	14.02	8.46		456.00			
DL	0.01	0.01		0.01			

Sec. 10-3

Soil Analysis - Sec. 10 F3

Sample and source description: Soil Analysis - Sec. 10 F3

Sample date: 12/29/2023 Source of analysis: Lab analysis

	Nitrate-N (mg/kg)	Total P (mg/kg)	Soluble P (mg/kg)	K (mg/kg)	EC (µmhos/cm)	Organic matter (%)	Total salt (mg/kg)
Value	6.71	5.30		110.00			
DL	0.01	0.01		0.01			

Sec. 11-1

Sec. 11-1

Soil Analysis - Sec. 11 F1

Sample and source description: Soil Analysis - Sec. 11 F1

Sample date: 12/28/2023 Source of analysis: Lab analysis

	Nitrate-N (mg/kg)	Total P (mg/kg)	Soluble P (mg/kg)	K (mg/kg)	EC (µmhos/cm)	Organic matter (%)	Total salt (mg/kg)
Value	3.36	2.81		47.80			
DL	0.01	0.01		0.01			

Sec. 11-2

Soil Analysis - Sec. 11 F2

Sample and source description: Soil Analysis - Sec. 11 F2

Sample date: 12/28/2023 Source of analysis: Lab analysis

	Nitrate-N (mg/kg)	Total P (mg/kg)	Soluble P (mg/kg)	K (mg/kg)	EC (µmhos/cm)	Organic matter (%)	Total salt (mg/kg)
Value	1.72	2.73		57.80			
DL	0.01	0.01		0.01			

Sec. 11-3

Soil Analysis - Sec. 11 F3

Sample and source description: Soil Analysis - Sec. 11 F3

Sample date: 12/30/2023 Source of analysis: Lab analysis

	Nitrate-N (mg/kg)	Total P (mg/kg)	Soluble P (mg/kg)	K (mg/kg)	EC (µmhos/cm)	Organic matter (%)	Total salt (mg/kg)
Value	6.25	2.59		70.80			
DL	0.01	0.01		0.01			

Sec. 11-6

Sec. 11-6

Soil Analysis - Sec. 11 F6

Sample and source description: Soil Analysis - Sec. 11 F6

Sample date: 12/30/2023 Source of analysis: Lab analysis

	Nitrate-N (mg/kg)	Total P (mg/kg)	Soluble P (mg/kg)	K (mg/kg)	EC (µmhos/cm)	Organic matter (%)	Total salt (mg/kg)
Value	5.48	6.77		154.00			
DL	0.01	0.01		0.01			

Sec. 11-7

Soil Analysis - Sec. 11 F7

Sample and source description: Soil Analysis - Sec. 11 F7

Sample date: 12/30/2023 Source of analysis: Lab analysis

	Nitrate-N (mg/kg)	Total P (mg/kg)	Soluble P (mg/kg)	K (mg/kg)	EC (µmhos/cm)	Organic matter (%)	Total salt (mg/kg)
Value	15.77	6.96		109.00			
DL	0.01	0.01		0.01			

Sec. 11-8

Soil Analysis - Sec. 11 F8

Sample and source description: Soil Analysis - Sec. 11 F8

Sample date: 12/30/2023 Source of analysis: Lab analysis

	Nitrate-N (mg/kg)	Total P (mg/kg)	Soluble P (mg/kg)	K (mg/kg)	EC (µmhos/cm)	Organic matter (%)	Total salt (mg/kg)
Value	7.34	4.23		100.00			
DL	0.01	0.01		0.01			

E. PLANT TISSUE ANALYSES

1 - 05/01/1993: Raisins

1 - 05/01/1993: Raisins

Raisins

Sample and source description: Raisins

Sample date: 09/25/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 14.9 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	13,100.00	1,300.00	10,700.00		27.30
DL	0.01	0.01	0.01		0.01

10 - 11/07/2022: Wheat Hay

WHEAT F10

Sample and source description: WHEAT F10

Sample date: 06/01/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 5.5 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	14,700.00	1,300.00	9,300.00		8.67
DL	0.01	0.01	0.01		0.01

10 - 07/20/2023: Sorghum Silage

SORGHUM F10

Sample and source description: SORGHUM F10

Sample date: 11/10/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 69.7 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	21,600.00	2,700.00	26,400.00		12.74
DL	0.01	0.01	0.01		0.01

11 - 11/10/2019: Alfalfa, hay

ALFALFA HAY 2ND CUTTING

Sample and source description: ALFALFA HAY 2ND CUTTING

Sample date: 06/13/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 7.8 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	33,000.00	2,600.00	25,000.00		13.73
DL	0.01	0.01	0.01		0.01

ALFALFA HAY 4TH CUTTING

Sample and source description: ALFALFA HAY 4TH CUTTING

Sample date: 08/28/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 5.8 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	24,000.00	2,800.00	26,200.00		14.68
DL	0.01	0.01	0.01		0.01

12 - 06/28/2023: Sorghum Silage

SORGHUM F12

Sample and source description: SORGHUM F12

Sample date: 11/09/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 70.7 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	19,500.00	3,900.00	25,800.00		14.72
DL	0.01	0.01	0.01		0.01

13 - 11/23/2022: Alfalfa/Wheat Mix Hay

13 - 11/23/2022: Alfalfa/Wheat Mix Hay

ALFALFA HAY 2ND CUTTING

Sample and source description: ALFALFA HAY 2ND CUTTING

Sample date: 06/21/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 5.5 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	27,400.00	1,800.00	16,700.00		11.91
DL	0.01	0.01	0.01		0.01

WHEAT F13

Sample and source description: WHEAT F13

Sample date: 07/12/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 3.7 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	15,500.00	1,700.00	11,700.00		9.24
DL	0.01	0.01	0.01		0.01

13 - 07/13/2023: Sorghum Silage

SORGHUM F13

Sample and source description: SORGHUM F13

Sample date: 11/09/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 75.8 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	24,600.00	3,200.00	29,900.00		14.15
DL	0.01	0.01	0.01		0.01

14 - 11/15/2022: Alfalfa, hay

14 - 11/15/2022: Alfalfa, hay

ALFALFA HAY 2ND CUTTING

Sample and source description: ALFALFA HAY 2ND CUTTING

Sample date: 06/27/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 6.3 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	36,800.00	2,200.00	24,000.00		11.98
DL	0.01	0.01	0.01		0.01

ALFALFA HAY 4TH CUTTING

Sample and source description: ALFALFA HAY 4TH CUTTING

Sample date: 08/28/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 7.7 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	32,500.00	2,500.00	22,400.00		10.38
DL	0.01	0.01	0.01		0.01

15 - 10/18/2018: Alfalfa, hay

ALFALFA HAY 2ND CUTTING

Sample and source description: ALFALFA HAY 2ND CUTTING

Sample date: 06/27/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 5.7 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	34,000.00	2,000.00	16,300.00		14.13
DL	0.01	0.01	0.01		0.01

15 - 10/18/2018: Alfalfa, hay

ALFALFA HAY 4TH CUTTING

Sample and source description: ALFALFA HAY 4TH CUTTING

Sample date: 08/10/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 8.1 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	34,100.00	2,900.00	28,400.00		14.61
DL	0.01	0.01	0.01		0.01

ALFALFA HAY 6TH CUTTING

Sample and source description: ALFALFA HAY 6TH CUTTING

Sample date: 10/31/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 5.7 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	25,400.00	3,300.00	39,400.00		13.63
DL	0.01	0.01	0.01		0.01

16 - 11/03/2022: Wheat Hay

WHEAT F16

Sample and source description: WHEAT F16

Sample date: 06/28/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 4.6 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	18,900.00	1,300.00	9,500.00		8.19
DL	0.01	0.01	0.01		0.01

16 - 07/03/2023: Sorghum Silage

16 - 07/03/2023: Sorghum Silage

SORGHUM F16

Sample and source description: SORGHUM F16

Sample date: 11/10/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 72.7 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	17,800.00	3,900.00	25,300.00		11.37
DL	0.01	0.01	0.01		0.01

17 - 11/10/2019: Alfalfa, hay

ALFALFA HAY 2ND CUTTING

Sample and source description: ALFALFA HAY 2ND CUTTING

Sample date: 06/13/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 7.7 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	33,300.00	2,100.00	23,500.00		10.20
DL	0.01	0.01	0.01		0.01

ALFALFA HAY 4TH CUTTING

Sample and source description: ALFALFA HAY 4TH CUTTING

Sample date: 08/10/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 7.2 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	29,000.00	2,400.00	24,200.00		10.64
DL	0.01	0.01	0.01		0.01

17 - 11/10/2019: Alfalfa, hay

ALFALFA HAY 6TH CUTTING

Sample and source description: ALFALFA HAY 6TH CUTTING

Sample date: 10/31/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 7.0 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	24,400.00	2,100.00	20,900.00		10.25
DL	0.01	0.01	0.01		0.01

18 - 11/10/2019: Alfalfa, hay

ALFALFA HAY 2ND CUTTING

Sample and source description: ALFALFA HAY 2ND CUTTING

Sample date: 06/20/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 4.3 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	30,100.00	1,800.00	12,500.00		14.53
DL	0.01	0.01	0.01		0.01

ALFALFA HAY 4TH CUTTING

Sample and source description: ALFALFA HAY 4TH CUTTING

Sample date: 08/10/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 7.2 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	33,300.00	2,700.00	23,100.00		13.46
DL	0.01	0.01	0.01		0.01

18 - 11/10/2019: Alfalfa, hay

ALFALFA HAY 6TH CUTTING

Sample and source description: ALFALFA HAY 6TH CUTTING

Sample date: 10/31/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 6.2 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	26,600.00	1,800.00	15,600.00		10.32
DL	0.01	0.01	0.01		0.01

19 - 12/05/2022: Alfalfa/Wheat Mix Hay

WHEAT F19

Sample and source description: WHEAT F19

Sample date: 06/20/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 4.7 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	16,100.00	1,100.00	10,900.00		8.91
DL	0.01	0.01	0.01		0.01

2 - 05/01/1993: Raisins

Raisins

Sample and source description: Raisins

Sample date: 09/25/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 13.7 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	16,300.00	1,200.00	12,500.00		27.10
DL	0.01	0.01	0.01		0.01

20 - 10/23/2021: Alfalfa, hay

ALFALFA HAY 2ND CUTTING

Sample and source description: ALFALFA HAY 2ND CUTTING

Sample date: 06/05/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 5.3 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	31,300.00	1,800.00	21,500.00		10.41
DL	0.01	0.01	0.01		0.01

ALFALFA HAY 4TH CUTTING

Sample and source description: ALFALFA HAY 4TH CUTTING

Sample date: 08/28/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 6.6 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	32,500.00	2,200.00	23,000.00		10.99
DL	0.01	0.01	0.01		0.01

ALFALFA HAY 6TH CUTTING

Sample and source description: ALFALFA HAY 6TH CUTTING

Sample date: 10/17/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 8.2 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	29,200.00	2,300.00	27,200.00		11.32
DL	0.01	0.01	0.01		0.01

21 - 11/04/2021: Alfalfa, hay

21 - 11/04/2021: Alfalfa, hay

ALFALFA HAY 2ND CUTTING

Sample and source description: ALFALFA HAY 2ND CUTTING

Sample date: 06/13/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 5.9 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	34,100.00	2,200.00	17,900.00		11.54
DL	0.01	0.01	0.01		0.01

ALFALFA HAY 4TH CUTTING

Sample and source description: ALFALFA HAY 4TH CUTTING

Sample date: 08/28/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 6.3 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	33,000.00	2,400.00	19,400.00		10.77
DL	0.01	0.01	0.01		0.01

ALFALFA HAY 6TH CUTTING

Sample and source description: ALFALFA HAY 6TH CUTTING

Sample date: 10/17/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 9.3 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	38,700.00	2,200.00	18,100.00		11.98
DL	0.01	0.01	0.01		0.01

22A - 06/15/2023: Sorghum Silage

22A - 06/15/2023: Sorghum Silage

SORGHUM F22A

Sample and source description: SORGHUM F22A

Sample date: 11/08/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 76.4 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	27,200.00	2,600.00	18,200.00		14.31
DL	0.01	0.01	0.01		0.01

22B - 07/13/2023: Sorghum Silage

SORGHUM F22B

Sample and source description: SORGHUM F22B

Sample date: 11/08/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 76.4 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	27,200.00	2,600.00	18,200.00		14.31
DL	0.01	0.01	0.01		0.01

23 - 02/02/2012: Almond, in shell

ALMONDS

Sample and source description: ALMONDS

Sample date: 09/18/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 5.9 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	24,800.00	1,600.00	23,900.00		17.84
DL	0.01	0.01	0.01		0.01

24 - 02/01/2012: Almond, in shell

ALMONDS

Sample and source description: ALMONDS

Sample date: 09/18/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 7.4 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	18,600.00	1,500.00	25,100.00		18.86
DL	0.01	0.01	0.01		0.01

25 - 02/01/2012: Almond, in shell

ALMONDS

Sample and source description: ALMONDS

Sample date: 09/18/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 6.4 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	28,000.00	1,300.00	19,800.00		22.56
DL	0.01	0.01	0.01		0.01

26 - 02/01/2012: Almond, in shell

ALMONDS

Sample and source description: ALMONDS

Sample date: 09/18/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 5.6 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	18,300.00	1,400.00	19,900.00		18.49
DL	0.01	0.01	0.01		0.01

27 - 03/07/2022: Alfalfa, hay

ALFALFA HAY 2ND CUTTING

Sample and source description: ALFALFA HAY 2ND CUTTING

Sample date: 06/20/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 5.0 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	26,300.00	1,700.00	20,800.00		10.44
DL	0.01	0.01	0.01		0.01

ALFALFA HAY 4TH CUTTING

Sample and source description: ALFALFA HAY 4TH CUTTING

Sample date: 08/28/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 4.6 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	22,400.00	2,000.00	24,000.00		10.32
DL	0.01	0.01	0.01		0.01

ALFALFA HAY 6TH CUTTING

Sample and source description: ALFALFA HAY 6TH CUTTING

Sample date: 10/09/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 6.5 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	29,100.00	2,300.00	26,300.00		11.14
DL	0.01	0.01	0.01		0.01

28 - 12/09/2022: Alfalfa/Wheat Hay Mix

28 - 12/09/2022: Alfalfa/Wheat Hay Mix

WHEAT F28

Sample and source description: WHEAT F28

Sample date: 06/20/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 4.8 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	13,400.00	700.00	10,600.00		7.87
DL	0.01	0.01	0.01		0.01

3 - 11/22/2022: Alfalfa/Wheat Mix Hay

WHEAT F3

Sample and source description: WHEAT F3

Sample date: 06/21/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 5.0 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	14,200.00	1,400.00	9,400.00		7.92
DL	0.01	0.01	0.01		0.01

ALFALFA HAY 2ND CUTTING

Sample and source description: ALFALFA HAY 2ND CUTTING

Sample date: 08/10/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 4.1 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	30,800.00	2,500.00	15,900.00		9.79
DL	0.01	0.01	0.01		0.01

3 - 07/15/2023: Sorghum Silage

3 - 07/15/2023: Sorghum Silage

SORGHUM F13

Sample and source description: SORGHUM F13

Sample date: 11/10/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 69.2 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	22,400.00	4,100.00	25,800.00		15.21
DL	0.01	0.01	0.01		0.01

32 - 06/14/2023: Sorghum Silage

SORGHUM F32

Sample and source description: SORGHUM F32

Sample date: 11/08/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 71.2 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	27,500.00	3,600.00	31,500.00		20.25
DL	0.01	0.01	0.01		0.01

33 - 06/14/2023: Sorghum Silage

SORGHUM F33

Sample and source description: SORGHUM F33

Sample date: 11/08/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 73.1 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	27,900.00	2,300.00	21,100.00		15.91
DL	0.01	0.01	0.01		0.01

4 - 03/14/2022: Alfalfa, hay

ALFALFA HAY 2ND CUTTING

Sample and source description: ALFALFA HAY 2ND CUTTING

Sample date: 05/30/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 7.2 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	33,200.00	2,800.00	31,100.00		10.84
DL	0.01	0.01	0.01		0.01

ALFALFA HAY 4TH CUTTING

Sample and source description: ALFALFA HAY 4TH CUTTING

Sample date: 08/28/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 5.0 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	26,900.00	2,400.00	28,500.00		11.90
DL	0.01	0.01	0.01		0.01

ALFALFA HAY 6TH CUTTING

Sample and source description: ALFALFA HAY 6TH CUTTING

Sample date: 10/09/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 7.9 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	38,600.00	2,500.00	28,900.00		12.55
DL	0.01	0.01	0.01		0.01

5 - 11/05/2022: Wheat Hay

5 - 11/05/2022: Wheat Hay

WHEAT F5

Sample and source description: WHEAT F5

Sample date: 06/28/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 3.8 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	17,700.00	2,700.00	20,600.00		8.41
DL	0.01	0.01	0.01		0.01

6 - 11/21/2022: Alfalfa, hay

ALFALFA HAY 1ST CUTTING

Sample and source description: ALFALFA HAY 1ST CUTTING

Sample date: 05/30/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 5.3 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	33,500.00	2,300.00	29,800.00		12.63
DL	0.01	0.01	0.01		0.01

ALFALFA HAY 2ND CUTTING

Sample and source description: ALFALFA HAY 2ND CUTTING

Sample date: 06/28/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 6.3 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	37,500.00	2,300.00	29,400.00		15.24
DL	0.01	0.01	0.01		0.01

6 - 11/21/2022: Alfalfa, hay

ALFALFA HAY 5TH CUTTING

Sample and source description: ALFALFA HAY 5TH CUTTING

Sample date: 10/09/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 8.4 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	30,800.00	2,800.00	40,900.00		14.32
DL	0.01	0.01	0.01		0.01

7 - 06/26/2023: Sorghum Silage

SORGHUM F7

Sample and source description: SORGHUM F7

Sample date: 11/09/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 71.1 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	22,100.00	3,300.00	28,000.00		14.40
DL	0.01	0.01	0.01		0.01

8 - 10/18/2021: Alfalfa, hay

ALFALFA HAY 2ND CUTTING

Sample and source description: ALFALFA HAY 2ND CUTTING

Sample date: 05/30/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 6.1 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	33,600.00	2,700.00	27,200.00		10.99
DL	0.01	0.01	0.01		0.01

8 - 10/18/2021: Alfalfa, hay

ALFALFA HAY 4TH CUTTING

Sample and source description: ALFALFA HAY 4TH CUTTING

Sample date: 08/28/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 4.9 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	27,900.00	2,400.00	25,400.00		10.08
DL	0.01	0.01	0.01		0.01

ALFALFA HAY 6TH CUTTING

Sample and source description: ALFALFA HAY 6TH CUTTING

Sample date: 10/09/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 8.5 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	33,800.00	2,700.00	27,900.00		13.31
DL	0.01	0.01	0.01		0.01

9 - 06/16/2023: Sorghum Silage

SORGHUM F9

Sample and source description: SORGHUM F9

Sample date: 11/09/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 74.4 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	19,900.00	2,100.00	19,400.00		14.79
DL	0.01	0.01	0.01		0.01

Sec. 10-1 - 02/01/2014: Almond, in shell

Sec. 10-1 - 02/01/2014: Almond, in shell

ALMONDS

Sample and source description: ALMONDS

Sample date: 09/18/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 7.5 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	12,300.00	900.00	21,000.00		19.06
DL	0.01	0.01	0.01		0.01

Sec. 10-2 - 02/01/2014: Almond, in shell

ALMONDS

Sample and source description: ALMONDS

Sample date: 09/18/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 6.3 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	18,800.00	1,200.00	19,300.00		16.62
DL	0.01	0.01	0.01		0.01

Sec. 10-3 - 03/01/2014: Almond, in shell

ALMONDS

Sample and source description: ALMONDS

Sample date: 09/18/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 6.1 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	9,300.00	700.00	22,500.00		19.56
DL	0.01	0.01	0.01		0.01

Sec. 10-4 - 03/01/2014: Almond, in shell

ALMONDS

Sample and source description: ALMONDS

Sample date: 09/18/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 6.9 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	8,600.00	700.00	22,200.00		20.68
DL	0.01	0.01	0.01		0.01

Sec. 11-1 - 11/10/2019: Alfalfa, hay

ALFALFA HAY 2ND CUTTING

Sample and source description: ALFALFA HAY 2ND CUTTING

Sample date: 06/20/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 5.5 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	31,000.00	2,100.00	18,800.00		12.91
DL	0.01	0.01	0.01		0.01

ALFALFA HAY 4TH CUTTING

Sample and source description: ALFALFA HAY 4TH CUTTING

Sample date: 08/28/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 18.3 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	34,000.00	2,600.00	17,000.00		14.34
DL	0.01	0.01	0.01		0.01

Sec. 11-2 - 11/28/2022: Alfalfa, hay

Sec. 11-2 - 11/28/2022: Alfalfa, hay

ALFALFA HAY 2ND CUTTING

Sample and source description: ALFALFA HAY 2ND CUTTING

Sample date: 07/24/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 5.8 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	34,400.00	2,500.00	25,100.00		10.38
DL	0.01	0.01	0.01		0.01

ALFALFA HAY 4TH CUTTING

Sample and source description: ALFALFA HAY 4TH CUTTING

Sample date: 10/17/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 5.8 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	32,500.00	2,400.00	31,500.00		10.84
DL	0.01	0.01	0.01		0.01

ALFALFA HAY 6TH CUTTING

Sample and source description: ALFALFA HAY 6TH CUTTING

Sample date: 10/17/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 8.0 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	41,700.00	3,000.00	30,500.00		14.09
DL	0.01	0.01	0.01		0.01

Sec. 11-3 - 12/07/2022: Alfalfa/Wheat Mix Hay

Sec. 11-3 - 12/07/2022: Alfalfa/Wheat Mix Hay

WHEAT SEC11 F3

Sample and source description: WHEAT SEC11 F3

Sample date: 06/20/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 4.0 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	16,900.00	1,000.00	12,000.00		7.42
DL	0.01	0.01	0.01		0.01

Sec. 11-4 - 11/10/2022: Alfalfa, hay

ALFALFA HAY 2ND CUTTING

Sample and source description: ALFALFA HAY 2ND CUTTING

Sample date: 07/24/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 6.3 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	31,100.00	2,800.00	29,000.00		11.73
DL	0.01	0.01	0.01		0.01

ALFALFA HAY 4TH CUTTING

Sample and source description: ALFALFA HAY 4TH CUTTING

Sample date: 09/05/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 5.7 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	24,000.00	2,800.00	26,200.00		14.68
DL	0.01	0.01	0.01		0.01

Sec. 11-4 - 11/10/2022: Alfalfa, hay

ALFALFA HAY 6TH CUTTING

Sample and source description: ALFALFA HAY 6TH CUTTING

Sample date: 10/17/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 9.7 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	38,400.00	2,100.00	22,900.00		13.35
DL	0.01	0.01	0.01		0.01

Sec. 11-5 - 01/01/2015: Almond, in shell

ALMONDS

Sample and source description: ALMONDS

Sample date: 09/25/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 5.4 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	23,900.00	900.00	25,900.00		19.13
DL	0.01	0.01	0.01		0.01

Sec. 11-6 - 01/01/2015: Almond, in shell

ALMONDS

Sample and source description: ALMONDS

Sample date: 09/25/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 6.5 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	25,100.00	1,000.00	21,600.00		20.10
DL	0.01	0.01	0.01		0.01

Sec. 11-7 - 01/01/2017: Almond, in shell

ALMONDS

Sample and source description: ALMONDS

Sample date: 09/18/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 6.4 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	31,200.00	1,300.00	23,700.00		17.58
DL	0.01	0.01	0.01		0.01

Sec. 11-8 - 01/01/2017: Almond, in shell

ALMONDS

Sample and source description: ALMONDS

Sample date: 09/18/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 7.1 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	19,500.00	1,100.00	20,500.00		18.83
DL	0.01	0.01	0.01		0.01

F. SUBSURFACE (TILE) DRAINAGE ANALYSES

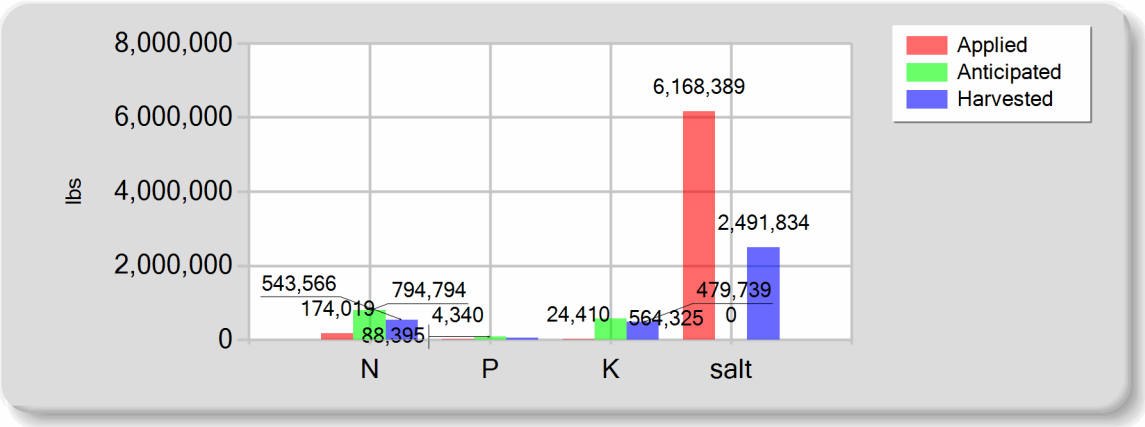
No subsurface (tile) drainage analyses entered.

NUTRIENT APPLICATIONS, POTENTIAL REMOVAL, AND BALANCE

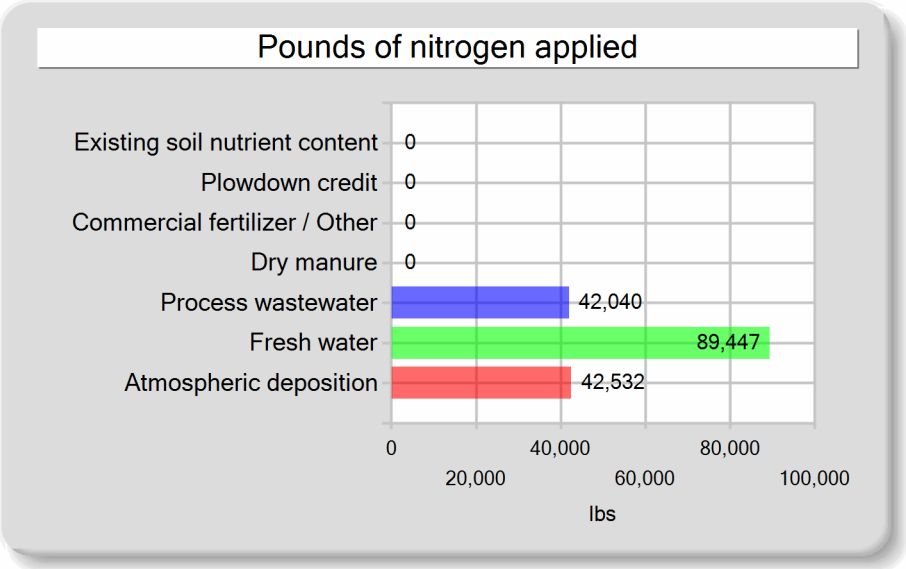
A. SUMMARY OF NUTRIENT APPLICATIONS, POTENTIAL REMOVAL, AND BALANCE

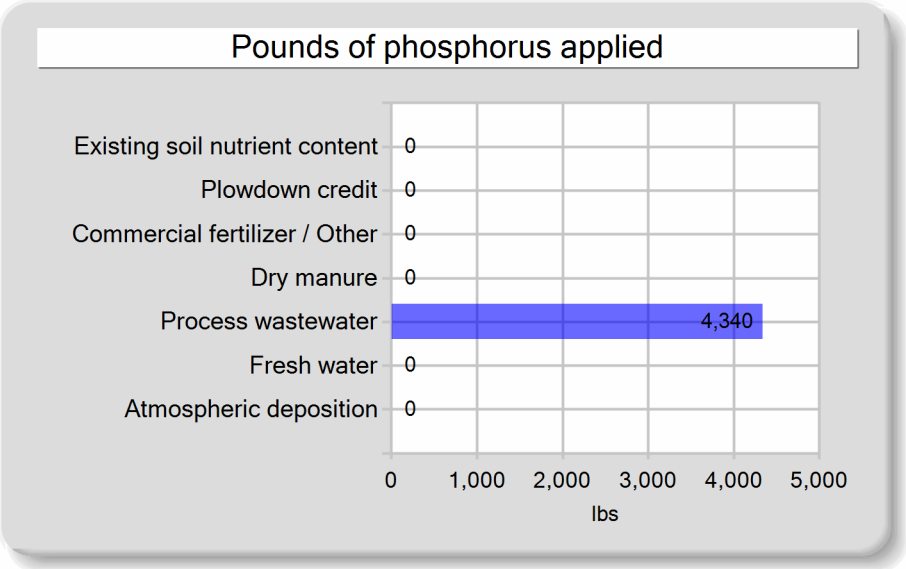
	Total N (lbs)	Total P (lbs)	Total K (lbs)	Total salt (lbs)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	42,040.28	4,339.55	24,410.20	181,225.74
Fresh water	89,446.78	0.00	0.00	5,987,163.52
Atmospheric deposition	42,532.00	0.00	0.00	0.00
Total nutrients applied	174,019.05	4,339.55	24,410.20	6,168,389.27
Anticipated crop nutrient removal	794,794.20	88,394.60	564,325.10	0.00
Actual crop nutrient removal	543,565.59	52,222.22	479,739.19	2,491,833.96
Nutrient balance	-369,546.53	-47,882.67	-455,328.99	3,676,555.30
Applied to removed ratio	0.32	0.08	0.05	2.48

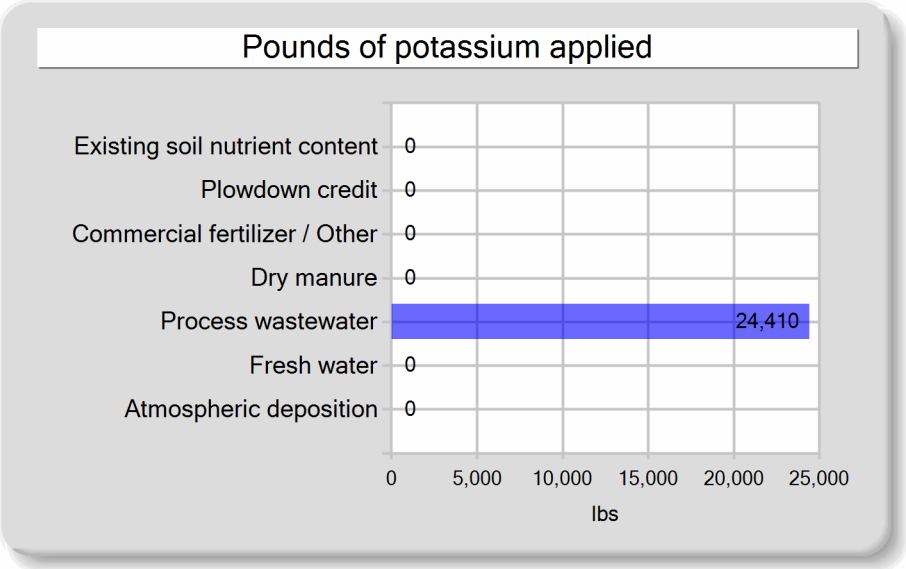
B. POUNDS OF NUTRIENT APPLIED VS. CROP REMOVAL

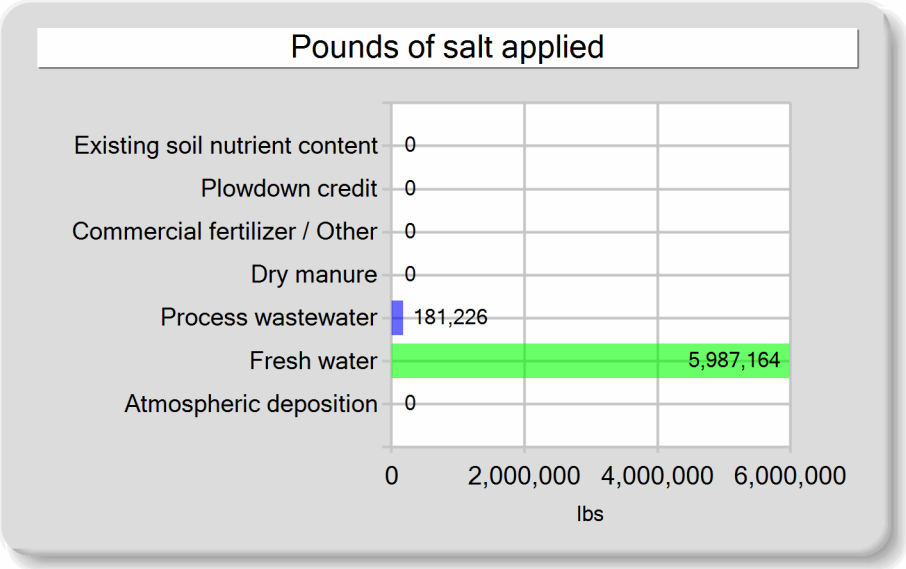


C. POUNDS OF NUTRIENT APPLIED BY MATERIAL TYPE









EXCEPTION REPORTING

A. MANURE, PROCESS WASTEWATER, AND OTHER DAIRY WASTE DISCHARGES

The following is a summary of all manure and process wastewater discharges from the production area to surface water or to land areas (land application areas or otherwise) when not in accordance with the facility's Nutrient Management Plan.

No manure or process wastewater discharges occurred during the reporting period.

B. STORM WATER DISCHARGES

The following is a summary of all storm water discharges from the production area to surface water during the reporting period when not in accordance with the facility 's Nutrient Management Plan.

No stormwater discharges occurred during the reporting period.

C. LAND APPLICATION AREA TO SURFACE WATER DISCHARGES

The following is a summary of all discharges from the land application area to surface water that have occurred during the reporting period when not in accordance with the facility's Nutrient Management Plan.

No land application area to surface water discharges occurred during the reporting period.

NUTRIENT MANAGEMENT PLAN AND EXPORT AGREEMENT STATEMENTS

A. NUTRIENT MANAGEMENT PLAN STATEMENTS

Was the facility's NMP updated in the reporting period?	No
Was the facility's NMP developed by a certified nutrient management planner (specialist) as specified in Attachment C of the General Order?	Yes
Was the facility's NMP approved by a certified nutrient management planner (specialist) as specified in Attachment C of the General Order?	Yes

B. EXPORT AGREEMENT STATEMENT

Are there any written agreements with third parties to receive manure or process wastewater that are new or were revised within the reporting period?	No

ADDITIONAL NOTES

A. NOTES

1) There are no land applications or harvest events entered for these fields, they did not receive any wastewater or dry manure from the production area - Fields 1, 2, 23, 24, 25, 26, Sec.10-1, Sec.10-2, Sec.10-3, Sec.10-4, Sec. 11-5, Sec.11-6, Sec.11-7, sec.11-8

2) There are no land applications entered for these fields, they were planted late fall of 2023 and would be harvested spring of 2024 - Fields 3, 28, Sec. 11-3. They did not receive any waster water or dry manure from the production area in 2023.

3) There are no harvest events entered for these fields, they were planted late fall of 2023 and would be harvested spring 2024 - Fields 11, 12, 15, 17, 19, 28, 3, Sec.11-1, Sec.11-3.

4) The following Groundwater Pumps do not have a lab analysis for 2023:
Pump #8-damaged/waiting for repairs
Pump #13-damaged/copper wire stolen/waiting for repairs
Pump #14-Non operational
Pump #20-Non operational
Pump #27-damaged/copper wire stolen/waiting for repairs
Pump #11-6-Non operational
Pump #10-1-damaged/waiting for repairs
Bullpens- Non operational
Barn #1 and #2- unintentionally missed due to ongoing capital project

ANNUAL REPORT VALIDATION INFORMATION

A. VALIDATION ERRORS

The following sections contain validation errors and should be reviewed before submitting the Annual Report :

1. Harvest Events
2. Land Application Events

CERTIFICATION

A. OWNER AND/OR OPERATOR CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

SIGNATURE OF OWNER OF FACILITY	SIGNATURE OF OPERATOR OF FACILITY
William Fredrick Rau	Shonda Rena Reid
PRINT OR TYPE NAME	PRINT OR TYPE NAME
DATE	DATE

ATTACHMENTS

A. REQUIRED ATTACHMENTS

The following lists the required documents that should be attached to the Annual Report when submitted .

Annual Dairy Facility Assessment
Provide an Annual Dairy Facility Assessment (an update to the Preliminary Dairy Facility Assessment in Attachment A) for each reporting period. On the PDFA Final page, click on the ADFA Report button to generate an ADFA report after updating information as needed .

Manure/Process Wastewater Tracking Manifests
Provide copies of all manure/process wastewater tracking manifests for the reporting period, signed by both the owner/operator and the hauler.

Corrective Actions Documents
Provide records documenting any corrective actions taken to correct deficiencies noted as a result of the inspections required in the Monitoring Requirements of the General Order. Deficiencies not corrected in 30 days must be accompanied by an explanation of the factors preventing immediate correction.

Groundwater Monitoring
Dischargers that monitor supply wells or subsurface (tile) drainage systems, or that have monitoring well systems must submit monitoring results as directed in the General Order, Groundwater Reporting Section starting on page MRP-13.

Storm Water Monitoring
Dischargers that are required to monitor storm water more frequently than required in the General Order must submit monitoring results as directed in the General Order, Storm Water Reporting Section on page MRP-14.

CERTIFICATION

A. OWNER AND/OR OPERATOR CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

W. Fred Rau	Shonda Rena Reid
SIGNATURE OF OWNER OF FACILITY	SIGNATURE OF OPERATOR OF FACILITY
William Fredrick Rau	Shonda Rena Reid
PRINT OR TYPE NAME	PRINT OR TYPE NAME
7-9-24	7-9-2024
DATE	DATE

Certificate of Analysis

Sample ID: AGJ3815-06
Sampled By: W. Fred Rau
Sample Description: Pump 4 1yr Test

Sample Date - Time: 10/26/2023 - 12:40
Matrix: Water
Sample Type: Grab

BSK Associates Laboratory Fresno

General Chemistry

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Conductivity @ 25C	SM 2510B	**400**	1.0	umhos/cm	1	AGJ1853	10/27/23	10/27/23	
Nitrate as N	EPA 300.0	**2.6**	0.23	mg/L	1	AGJ1834	10/26/23 20:59	10/26/23	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Certificate of Analysis

Sample ID: AGJ3815-07
Sampled By: W. Fred Rau
Sample Description: Pump 12 5yr Test

Sample Date - Time: 10/26/2023 - 14:00
Matrix: Water
Sample Type: Grab

BSK Associates Laboratory Fresno

General Chemistry

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Alkalinity as CaCO3	SM 2320B	**310**	3.0	mg/L	1	AGJ1866	10/27/23	10/27/23	
Bicarbonate as CaCO3	SM 2320B	**310**	3.0	mg/L	1	AGJ1866	10/27/23	10/27/23	
Carbonate as CaCO3	SM 2320B	ND	3.0	mg/L	1	AGJ1866	10/27/23	10/27/23	
Hydroxide as CaCO3	SM 2320B	ND	3.0	mg/L	1	AGJ1866	10/27/23	10/27/23	
Chloride	EPA 300.0	**75**	1.0	mg/L	1	AGJ1834	10/26/23	10/26/23	
Conductivity @ 25C	SM 2510B	**1000**	1.0	umhos/cm	1	AGJ1866	10/27/23	10/27/23	
Nitrate as N	EPA 300.0	**9.8**	0.23	mg/L	1	AGJ1834	10/26/23 21:46	10/26/23	
Sulfate as SO4	EPA 300.0	**64**	1.0	mg/L	1	AGJ1834	10/26/23	10/26/23	
Total Dissolved Solids	SM 2540C	**630**	5.0	mg/L	1	AGK0108	11/01/23	11/01/23	

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Calcium	EPA 200.7	**93**	0.10	mg/L	1	AGJ1973	10/31/23	11/03/23	
gnesium	EPA 200.7	**11**	0.10	mg/L	1	AGJ1973	10/31/23	11/03/23	
Sodium	EPA 200.7	**110**	1.0	mg/L	1	AGJ1973	10/31/23	11/03/23	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Certificate of Analysis

Sample ID: AGK0344-01
Sampled By: W. Fred Rau
Sample Description: Pump 10-3

Sample Date - Time: 11/02/2023 - 14:00
Matrix: Ground Water
Sample Type: Grab

BSK Associates Laboratory Fresno

General Chemistry

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Conductivity @ 25C	SM 2510B	**570**	1.0	umhos/cm	1	AGK0208	11/03/23	11/03/23	
Nitrate as N	EPA 300.0	**2.7**	0.23	mg/L	1	AGK0184	11/03/23 04:41	11/03/23	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Certificate of Analysis

Sample ID: AGK0344-02
Sampled By: W. Fred Rau
Sample Description: Pump 10-2

Sample Date - Time: 11/02/2023 - 14:10
Matrix: Ground Water
Sample Type: Grab

BSK Associates Laboratory Fresno

General Chemistry

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Conductivity @ 25C	SM 2510B	**980**	1.0	umhos/cm	1	AGK0208	11/03/23	11/03/23	
Nitrate as N	EPA 300.0	**21**	0.23	mg/L	1	AGK0184	11/03/23 04:56	11/03/23	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Certificate of Analysis

Sample ID: AGK1141-01
Sampled By: W. Fred Rau
Sample Description: Pump 3

Sample Date - Time: 11/08/2023 - 12:30
Matrix: Ground Water
Sample Type: Grab

BSK Associates Laboratory Fresno

General Chemistry

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Conductivity @ 25C	SM 2510B	**280**	1.0	umhos/cm	1	AGK0801	11/13/23	11/13/23	
Nitrate as N	EPA 300.0	**1.1**	0.23	mg/L	1	AGK0580	11/09/23 00:28	11/09/23	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Certificate of Analysis

Sample ID: AGK1141-02
Sampled By: W. Fred Rau
Sample Description: Pump 29

Sample Date - Time: 11/08/2023 - 12:40
Matrix: Ground Water
Sample Type: Grab

BSK Associates Laboratory Fresno

General Chemistry

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Alkalinity as CaCO3	SM 2320B	**170**	3.0	mg/L	1	AGK0587	11/09/23	11/09/23	
Bicarbonate as CaCO3	SM 2320B	**170**	3.0	mg/L	1	AGK0587	11/09/23	11/09/23	
Carbonate as CaCO3	SM 2320B	ND	3.0	mg/L	1	AGK0587	11/09/23	11/09/23	
Hydroxide as CaCO3	SM 2320B	ND	3.0	mg/L	1	AGK0587	11/09/23	11/09/23	
Chloride	EPA 300.0	**73**	1.0	mg/L	1	AGK0580	11/09/23	11/09/23	
Conductivity @ 25C	SM 2510B	**710**	1.0	umhos/cm	1	AGK0587	11/09/23	11/09/23	
Nitrate as N	EPA 300.0	**10**	0.23	mg/L	1	AGK0580	11/09/23 00:44	11/09/23	
Sulfate as SO4	EPA 300.0	**37**	1.0	mg/L	1	AGK0580	11/09/23	11/09/23	
Total Dissolved Solids	SM 2540C	**490**	5.0	mg/L	1	AGK1016	11/15/23	11/15/23	

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Calcium	EPA 200.7	**52**	0.10	mg/L	1	AGK0648	11/09/23	11/13/23	
gnesium	EPA 200.7	**6.9**	0.10	mg/L	1	AGK0648	11/09/23	11/13/23	
Sodium	EPA 200.7	**60**	1.0	mg/L	1	AGK0648	11/09/23	11/13/23	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Certificate of Analysis

Sample ID: AGK2002-01
Sampled By: Shonda R. Reid
Sample Description: Pump 10

Sample Date - Time: 11/14/2023 - 09:00
Matrix: Ground Water
Sample Type: Grab

BSK Associates Laboratory Fresno

General Chemistry

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Conductivity @ 25C	SM 2510B	**190**	1.0	umhos/cm	1	AGK1095	11/16/23	11/16/23	
Nitrate as N	EPA 300.0	**0.68**	0.23	mg/L	1	AGK1031	11/15/23 22:46	11/15/23	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Certificate of Analysis

Sample ID: AGK2002-02
Sampled By: Shonda R. Reid
Sample Description: Pump 16

Sample Date - Time: 11/14/2023 - 09:20
Matrix: Ground Water
Sample Type: Grab

BSK Associates Laboratory Fresno
General Chemistry

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Conductivity @ 25C	SM 2510B	**160**	1.0	umhos/cm	1	AGK1095	11/16/23	11/16/23	
Nitrate as N	EPA 300.0	ND	0.23	mg/L	1	AGK1021	11/16/23 02:25	11/16/23	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Certificate of Analysis

Sample ID: AGK2002-03
Sampled By: Shonda R. Reid
Sample Description: Pump 18

Sample Date - Time: 11/14/2023 - 09:35
Matrix: Ground Water
Sample Type: Grab

BSK Associates Laboratory Fresno

General Chemistry

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Conductivity @ 25C	SM 2510B	**680**	1.0	umhos/cm	1	AGK1095	11/16/23	11/16/23	
Nitrate as N	EPA 300.0	**7.6**	0.23	mg/L	1	AGK1031	11/16/23 01:06	11/16/23	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Certificate of Analysis

Sample ID: AGK2002-04
Sampled By: Shonda R. Reid
Sample Description: Pump 19

Sample Date - Time: 11/14/2023 - 09:55
Matrix: Ground Water
Sample Type: Grab

BSK Associates Laboratory Fresno

General Chemistry

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Alkalinity as CaCO3	SM 2320B	**200**	3.0	mg/L	1	AGK1060	11/16/23	11/16/23	
Bicarbonate as CaCO3	SM 2320B	**200**	3.0	mg/L	1	AGK1060	11/16/23	11/16/23	
Carbonate as CaCO3	SM 2320B	ND	3.0	mg/L	1	AGK1060	11/16/23	11/16/23	
Hydroxide as CaCO3	SM 2320B	ND	3.0	mg/L	1	AGK1060	11/16/23	11/16/23	
Chloride	EPA 300.0	**92**	1.0	mg/L	1	AGK0963	11/15/23	11/15/23	
Conductivity @ 25C	SM 2510B	**880**	1.0	umhos/cm	1	AGK1060	11/16/23	11/16/23	
Nitrate as N	EPA 300.0	**9.7**	0.23	mg/L	1	AGK0963	11/15/23 20:39	11/15/23	
Sulfate as SO4	EPA 300.0	**61**	1.0	mg/L	1	AGK0963	11/15/23	11/15/23	
Total Dissolved Solids	SM 2540C	**600**	5.0	mg/L	1	AGK1296	11/20/23	11/20/23	

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Calcium	EPA 200.7	**92**	0.10	mg/L	1	AGK1100	11/16/23	11/21/23	
gnesium	EPA 200.7	**10**	0.10	mg/L	1	AGK1100	11/16/23	11/21/23	
Sodium	EPA 200.7	**110**	1.0	mg/L	1	AGK1100	11/16/23	11/21/23	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Certificate of Analysis

Sample ID: AGK2002-05
Sampled By: Shonda R. Reid
Sample Description: Pump 11-1

Sample Date - Time: 11/14/2023 - 10:30
Matrix: Ground Water
Sample Type: Grab

BSK Associates Laboratory Fresno

General Chemistry

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Conductivity @ 25C	SM 2510B	**170**	1.0	umhos/cm	1	AGK1095	11/16/23	11/16/23	
Nitrate as N	EPA 300.0	ND	0.23	mg/L	1	AGK1021	11/15/23 20:07	11/15/23	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Certificate of Analysis

Sample ID: AGK2002-06
Sampled By: Shonda R. Reid
Sample Description: Pump 11-3

Sample Date - Time: 11/14/2023 - 10:45
Matrix: Ground Water
Sample Type: Grab

BSK Associates Laboratory Fresno

General Chemistry

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Conductivity @ 25C	SM 2510B	**250**	1.0	umhos/cm	1	AGK1095	11/16/23	11/16/23	
Nitrate as N	EPA 300.0	ND	0.23	mg/L	1	AGK1021	11/15/23 23:39	11/15/23	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Certificate of Analysis

Sample ID: AGK2002-07
Sampled By: Shonda R. Reid
Sample Description: Pump 11-5

Sample Date - Time: 11/14/2023 - 11:00
Matrix: Ground Water
Sample Type: Grab

BSK Associates Laboratory Fresno

General Chemistry

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Conductivity @ 25C	SM 2510B	**220**	1.0	umhos/cm	1	AGK1095	11/16/23	11/16/23	
Nitrate as N	EPA 300.0	ND	0.23	mg/L	1	AGK1031	11/16/23 03:11	11/16/23	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Certificate of Analysis

Sample ID: AGK2002-08
Sampled By: Shonda R. Reid
Sample Description: Pump 23

Sample Date - Time: 11/14/2023 - 13:00
Matrix: Ground Water
Sample Type: Grab

BSK Associates Laboratory Fresno

General Chemistry

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Alkalinity as CaCO3	SM 2320B	**220**	3.0	mg/L	1	AGK1060	11/16/23	11/16/23	
Bicarbonate as CaCO3	SM 2320B	**220**	3.0	mg/L	1	AGK1060	11/16/23	11/16/23	
Carbonate as CaCO3	SM 2320B	ND	3.0	mg/L	1	AGK1060	11/16/23	11/16/23	
Hydroxide as CaCO3	SM 2320B	ND	3.0	mg/L	1	AGK1060	11/16/23	11/16/23	
Chloride	EPA 300.0	**83**	1.0	mg/L	1	AGK0960	11/15/23	11/15/23	
Conductivity @ 25C	SM 2510B	**920**	1.0	umhos/cm	1	AGK1060	11/16/23	11/16/23	
Nitrate as N	EPA 300.0	**14**	0.23	mg/L	1	AGK0960	11/15/23 21:28	11/15/23	
Sulfate as SO4	EPA 300.0	**58**	1.0	mg/L	1	AGK0960	11/15/23	11/15/23	
Total Dissolved Solids	SM 2540C	**640**	5.0	mg/L	1	AGK1296	11/20/23	11/20/23	

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Calcium	EPA 200.7	**100**	0.10	mg/L	1	AGK1100	11/16/23	11/21/23	
gnesium	EPA 200.7	**11**	0.10	mg/L	1	AGK1100	11/16/23	11/21/23	
Sodium	EPA 200.7	**93**	1.0	mg/L	1	AGK1100	11/16/23	11/21/23	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Certificate of Analysis

Sample ID: AGK2002-09
Sampled By: Shonda R. Reid
Sample Description: Pump 24

Sample Date - Time: 11/14/2023 - 13:30
Matrix: Ground Water
Sample Type: Grab

BSK Associates Laboratory Fresno

General Chemistry

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Alkalinity as CaCO3	SM 2320B	**230**	3.0	mg/L	1	AGK1060	11/16/23	11/16/23	
Bicarbonate as CaCO3	SM 2320B	**230**	3.0	mg/L	1	AGK1060	11/16/23	11/16/23	
Carbonate as CaCO3	SM 2320B	ND	3.0	mg/L	1	AGK1060	11/16/23	11/16/23	
Hydroxide as CaCO3	SM 2320B	ND	3.0	mg/L	1	AGK1060	11/16/23	11/16/23	
Chloride	EPA 300.0	**110**	1.0	mg/L	1	AGK0963	11/15/23	11/15/23	
Conductivity @ 25C	SM 2510B	**1000**	1.0	umhos/cm	1	AGK1060	11/16/23	11/16/23	
Nitrate as N	EPA 300.0	**15**	0.23	mg/L	1	AGK0963	11/15/23 20:24	11/15/23	
Sulfate as SO4	EPA 300.0	**75**	1.0	mg/L	1	AGK0963	11/15/23	11/15/23	
Total Dissolved Solids	SM 2540C	**680**	5.0	mg/L	1	AGK1296	11/20/23	11/20/23	

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Calcium	EPA 200.7	**120**	0.10	mg/L	1	AGK1100	11/16/23	11/21/23	
gnesium	EPA 200.7	**12**	0.10	mg/L	1	AGK1100	11/16/23	11/21/23	
Sodium	EPA 200.7	**100**	1.0	mg/L	1	AGK1100	11/16/23	11/21/23	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Certificate of Analysis

Sample ID: AGK2002-10
Sampled By: Shonda R. Reid
Sample Description: Pump 25

Sample Date - Time: 11/14/2023 - 14:00
Matrix: Ground Water
Sample Type: Grab

BSK Associates Laboratory Fresno

General Chemistry

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Alkalinity as CaCO3	SM 2320B	**190**	3.0	mg/L	1	AGK1060	11/16/23	11/16/23	
Bicarbonate as CaCO3	SM 2320B	**190**	3.0	mg/L	1	AGK1060	11/16/23	11/16/23	
Carbonate as CaCO3	SM 2320B	ND	3.0	mg/L	1	AGK1060	11/16/23	11/16/23	
Hydroxide as CaCO3	SM 2320B	ND	3.0	mg/L	1	AGK1060	11/16/23	11/16/23	
Chloride	EPA 300.0	**75**	1.0	mg/L	1	AGK0960	11/15/23	11/15/23	
Conductivity @ 25C	SM 2510B	**770**	1.0	umhos/cm	1	AGK1060	11/16/23	11/16/23	
Nitrate as N	EPA 300.0	**7.2**	0.23	mg/L	1	AGK0960	11/15/23 21:12	11/15/23	
Sulfate as SO4	EPA 300.0	**47**	1.0	mg/L	1	AGK0960	11/15/23	11/15/23	
Total Dissolved Solids	SM 2540C	**510**	5.0	mg/L	1	AGK1310	11/20/23	11/20/23	

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Calcium	EPA 200.7	**89**	0.10	mg/L	1	AGK1100	11/16/23	11/21/23	
gnesium	EPA 200.7	**9.0**	0.10	mg/L	1	AGK1100	11/16/23	11/21/23	
Sodium	EPA 200.7	**88**	1.0	mg/L	1	AGK1100	11/16/23	11/21/23	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Certificate of Analysis

Sample ID: AGK2002-11
Sampled By: Shonda R. Reid
Sample Description: 11906 S. Jameson - Domestic

Sample Date - Time: 11/15/2023 - 09:00
Matrix: Ground Water
Sample Type: Grab

BSK Associates Laboratory Fresno
General Chemistry

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Conductivity @ 25C	SM 2510B	**92**	1.0	umhos/cm	1	AGK1094	11/16/23	11/16/23	
Nitrate as N	EPA 300.0	ND	0.23	mg/L	1	AGK1050	11/16/23 14:19	11/16/23	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Certificate of Analysis

Sample ID: AGK3824-01
Sampled By: Client
Sample Description: Groundwater Pump #2

Sample Date - Time: 11/30/2023 - 12:00
Matrix: Ground Water
Sample Type: Grab

BSK Associates Laboratory Fresno

General Chemistry

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Conductivity @ 25C	SM 2510B	**830**	1.0	umhos/cm	1	AGL0065	12/01/23	12/01/23	
Nitrate as N	EPA 300.0	**5.6**	0.23	mg/L	1	AGK1817	12/01/23 00:35	12/01/23	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Certificate of Analysis

Sample ID: AGK3824-02
Sampled By: Client
Sample Description: Groundwater Pump #3

Sample Date - Time: 11/30/2023 - 12:15
Matrix: Ground Water
Sample Type: Grab

BSK Associates Laboratory Fresno
General Chemistry

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Conductivity @ 25C	SM 2510B	**270**	1.0	umhos/cm	1	AGL0065	12/01/23	12/01/23	
Nitrate as N	EPA 300.0	**0.95**	0.23	mg/L	1	AGK1820	12/01/23 01:17	12/01/23	

S-

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Certificate of Analysis

Sample ID: AGK3824-05
Sampled By: Client
Sample Description: Groundwater Pump #10

Sample Date - Time: 11/30/2023 - 12:45
Matrix: Ground Water
Sample Type: Grab

BSK Associates Laboratory Fresno

General Chemistry

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Chloride	EPA 300.0	**9.4**	1.0	mg/L	1	AGK1817	12/01/23	12/01/23	
Conductivity @ 25C	SM 2510B	**190**	1.0	umhos/cm	1	AGL0065	12/01/23	12/01/23	
Nitrate as N	EPA 300.0	**0.73**	0.23	mg/L	1	AGK1817	12/01/23 00:50	12/01/23	
Sulfate as SO4	EPA 300.0	**3.4**	1.0	mg/L	1	AGK1817	12/01/23	12/01/23	
Total Dissolved Solids	SM 2540C	**160**	5.0	mg/L	1	AGL0295	12/06/23	12/06/23	

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Calcium	EPA 200.7	**34**	0.10	mg/L	1	AGL0179	12/05/23	12/12/23	
Magnesium	EPA 200.7	**3.1**	0.10	mg/L	1	AGL0179	12/05/23	12/12/23	
Sodium	EPA 200.7	**66**	1.0	mg/L	1	AGL0179	12/05/23	12/12/23	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Certificate of Analysis

Sample ID: AGK3824-05RE1
Sampled By: Client
Sample Description: Groundwater Pump #10

Sample Date - Time: 11/30/2023 - 12:45
Matrix: Ground Water
Sample Type: Grab

BSK Associates Laboratory Fresno

General Chemistry

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Alkalinity as CaCO3	SM 2320B	**68**	3.0	mg/L	1	AGL0094	12/04/23	12/04/23	
Bicarbonate as CaCO3	SM 2320B	**68**	3.0	mg/L	1	AGL0094	12/04/23	12/04/23	
Carbonate as CaCO3	SM 2320B	ND	3.0	mg/L	1	AGL0094	12/04/23	12/04/23	
Hydroxide as CaCO3	SM 2320B	ND	3.0	mg/L	1	AGL0094	12/04/23	12/04/23	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Certificate of Analysis

Sample ID: AGK3824-06RE1
Sampled By: Client
Sample Description: Groundwater Pump #29

Sample Date - Time: 11/30/2023 - 13:15
Matrix: Ground Water
Sample Type: Grab

BSK Associates Laboratory Fresno

General Chemistry

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Alkalinity as CaCO3	SM 2320B	**90**	3.0	mg/L	1	AGL0094	12/04/23	12/04/23	
Bicarbonate as CaCO3	SM 2320B	**90**	3.0	mg/L	1	AGL0094	12/04/23	12/04/23	
Carbonate as CaCO3	SM 2320B	ND	3.0	mg/L	1	AGL0094	12/04/23	12/04/23	
Hydroxide as CaCO3	SM 2320B	ND	3.0	mg/L	1	AGL0094	12/04/23	12/04/23	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Manure / Process Wastewater Tracking Manifest
For
Existing Milk Cow Dairies

General Order No. R5-2007-0035, Attachment D

INSTRUCTIONS

1) Complete one manifest for each hauling event, for each destination. A hauling event may last for several days, as long as the manure is being hauled to the same destination.
2) If there are multiple destinations, complete a separate form for each destination.
3) The operator must obtain the signature of the hauler upon completion of each manure/process wastewater hauling event.
4) The operator shall submit copies of manure/process wastewater tracking manifest(s) with the Annual Monitoring Report for Existing Milk Cow Dairies.

OPERATOR INFORMATION

Name of Operator: Shonda R. Reid

Name of Dairy Facility: Fred Rau Dairy Svc.

Facility Address:

10255 W. Manning, Fresno, Fresno, 93706
Number and Street / City / County / Zip Code

Contact Person Name and Phone Number: Shonda R Reid (Name) 5596472877 (Phone Number)

HAULER INFORMATION

Name of Hauling Company/Person: Burrows Bros Trucking & Spreading

Address of Hauling Company/Person:

11751 W. Jensen Ave Kerman CA 93630
Number and Street / City / State / Zip Code

Contact Person: Tony Burrows (Name) 559 2814723 (Phone Number)

DESTINATION INFORMATION

Composting Facility / Broker / Farmer / Other (identify): Cheryl Gomes Williams

Contact information of Comonsting Facility, Broker, Farmer, or Other (as identified above):

Cheryl & Randy Williams (Name) 5590885666 (Phone Number)

1622 E. Shadow Creek Dr. Fresno Co 93730
Address / City / State / Zip Code

Destination Address or Assessor's Parcel Number:

Caruthers 93609
Address / City / Zip Code

Strond & Brawly Fresno
Street and nearest cross street (if no address) / County

Assessor's Parcel Number / Assessor's Parcel Number County

Last date hauled: 4/24/23

Manure / Process Wastewater Tracking Manifest
For
Existing Milk Cow Dairies

General Order No. R5-2007-0035, Attachment D

MANURE AMOUNT HAULED

Enter the amount of manure hauled in tons, manure solids content, and the method used to calculate the amount:

Manure: 200 tons

Manure Solids Content: 59.4 % 40.6% moisture

Method used to determine amount of manure:

trucks weighed & averaged

PROCESS WASTEWATER AMOUNT HAULED

Enter the amount of process wastewater hauled in gallons and the method used to determine the amount:

Process Wastewater: 0 gallons

Method used to determine volume of process wastewater:

WRITTEN AGREEMENT

Does the Operator have a written agreement (in compliance with Land Application Specification C.2 of Waste Discharge Requirements General Order No. R5-2007-0035) with any party that receives process wastewater from the Operator for its own use?

[ ] YES [X] NO

If the answer is no, the Operator agrees to have such a written agreement with any such party for any process wastewater transferred after 31 December 2007 to such party.

_____ (Operator shall provide initials here to acknowledge this requirement)

CERTIFICATION

I declare under penalty of law that I personally examined and am familiar with the information submitted in this document, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of a fine and imprisonment for knowing violations.

Shonda R. Reid — 5-1-2023

Operator Signature — Date

Tony Barnes — 4-28-2023

Hauler Signature — Date

Manure / Process Wastewater Tracking Manifest
For
Existing Milk Cow Dairies

General Order No. R5-2007-0035, Attachment D

INSTRUCTIONS

1) Complete one manifest for each hauling event, for each destination. A hauling event may last for several days, as long as the manure is being hauled to the same destination.
2) If there are multiple destinations, complete a separate form for each destination.
3) The operator must obtain the signature of the hauler upon completion of each manure/process wastewater hauling event.
4) The operator shall submit copies of manure/process wastewater tracking manifest(s) with the Annual Monitoring Report for Existing Milk Cow Dairies.

OPERATOR INFORMATION

Name of Operator: Shonda R. Reid

Name of Dairy Facility: Fred Rau Dairy Inc.

Facility Address:

10255 W. Manning Ave (Number and Street) Fresno (City) Fresno (County) 93706 (Zip Code)

Contact Person Name and Phone Number: Shonda R. Reid (Name) 5596472877 (Phone Number)

HAULER INFORMATION

Name of Hauling Company/Person: M. Arias Trucking LLC

Address of Hauling Company/Person:

P.O. Box 208 (Number and Street) Raisin City (City) CA (State) 93652 (Zip Code)

Contact Person: M. Arias / Nancy Arias (Name) 5592645813 (Phone Number)

DESTINATION INFORMATION

Composting Facility / Broker / Farmer / Other (identify): Finderup Farm

Contact information of Composting Facility, Broker, Farmer, or Other (as identified above):

Finderup Farm (James) (Name) 5592647143 (Phone Number)

5735 W. Adams Ave (Address) Fresno (City) CA (State) 93706 (Zip Code)

Destination Address or Assessor's Parcel Number:

(Address) Fresno (City) 93706 (Zip Code)

@ West & Adams (Street and nearest cross street (if no address)) Fresno (County)

Assessor's Parcel Number Assessor's Parcel Number County

Last date hauled: 7-20-2023

Manure / Process Wastewater Tracking Manifest
For
Existing Milk Cow Dairies

General Order No. R5-2007-0035, Attachment D

MANURE AMOUNT HAULED

Enter the amount of manure hauled in tons, manure solids content, and the method used to calculate the amount:

Manure: 425 tons

Manure Solids Content: 87.3 % 12.7% moisture

Method used to determine amount of manure:

Trucks weighed & Averaged

PROCESS WASTEWATER AMOUNT HAULED

Enter the amount of process wastewater hauled in gallons and the method used to determine the amount:

Process Wastewater: Ø gallons

Method used to determine volume of process wastewater:

WRITTEN AGREEMENT

Does the Operator have a written agreement (in compliance with Land Application Specification C.2 of Waste Discharge Requirements General Order No. R5-2007-0035) with any party that receives process wastewater from the Operator for its own use?

[ ] YES [✓] NO

If the answer is no, the Operator agrees to have such a written agreement with any such party for any process wastewater transferred after 31 December 2007 to such party.

SR (Operator shall provide initials here to acknowledge this requirement)

CERTIFICATION

I declare under penalty of law that I personally examined and am familiar with the information submitted in this document, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of a fine and imprisonment for knowing violations.

Shonda R. Reid — 8-10-23

Operator Signature — Date

Daniel Arias — 8/23-23

Hauler Signature — Date

Manure / Process Wastewater Tracking Manifest
For
Existing Milk-Cow Dairies

General Order No. R5-2007-0035, Attachment D

INSTRUCTIONS

1) Complete one manifest for each hauling event, for each destination. A hauling event may last for several days, as long as the manure is being hauled to the same destination.
2) If there are multiple destinations, complete a separate form for each destination.
3) The operator must obtain the signature of the hauler upon completion of each manure/process wastewater hauling event.
4) The operator shall submit copies of manure/process wastewater tracking manifest(s) with the Annual Monitoring Report for Existing Milk Cow Dairies.

OPERATOR INFORMATION

Name of Operator: Shonda R. Reid

Name of Dairy Facility: Fred Rau Dairy Inc

Facility Address:

10255 W. Manning (Number and Street) Fresno (City) Fresno (County) 93706 (Zip Code)

Contact Person Name and Phone Number: Shonda R. Reid (Name) 5596472877 (Phone Number)

HAULER INFORMATION

Name of Hauling Company/Person: M. Arias Trucking LLC

Address of Hauling Company/Person:

P.O. Box 208 (Number and Street) Raisin City (City) CA (State) 93652 (Zip Code)

Contact Person: M. Arias/Nancy Arias (Name) 559 2645813 (Phone Number)

DESTINATION INFORMATION

Composting Facility / Broker / (Farmer) / Other (identify): Finderup Farms Inc

Contact information of Composting Facility, Broker, (Farmer), or Other (as identified above):

Finderup Farms Inc. (James) (Name) 5592647143 (Phone Number)

5735 W. Adams Ave (Address) Fresno (City) CA (State) 93706 (Zip Code)

Destination Address or Assessor's Parcel Number:

(Address) Fresno (City) 93706 (Zip Code)

Valentine (north of Manning Ave. (Street and nearest cross street (if no address)) Fresno (County)

(Assessor's Parcel Number) (Assessor's Parcel Number County)

Last date hauled: 10/9/23

Manure / Process Wastewater Tracking Manifest
For
Existing Milk Cow Dairies

General Order No. R5-2007-0035, Attachment D

MANURE AMOUNT HAULED

Enter the amount of manure hauled in tons, manure solids content, and the method used to calculate the amount:

Manure: 375 tons

Manure Solids Content: 88 % 12% moisture

Method used to determine amount of manure:

trucks weighed & averaged

PROCESS WASTEWATER AMOUNT HAULED

Enter the amount of process wastewater hauled in gallons and the method used to determine the amount:

Process Wastewater: Ø gallons

Method used to determine volume of process wastewater:

WRITTEN AGREEMENT

Does the Operator have a written agreement (in compliance with Land Application Specification C.2 of Waste Discharge Requirements General Order No. R5-2007-0035) with any party that receives process wastewater from the Operator for its own use?

[ ] YES [✓] NO

If the answer is no, the Operator agrees to have such a written agreement with any such party for any process wastewater transferred after 31 December 2007 to such party.

SR (Operator shall provide initials here to acknowledge this requirement)

CERTIFICATION

I declare under penalty of law that I personally examined and am familiar with the information submitted in this document, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of a fine and imprisonment for knowing violations.

Shonda R. Reed — 10-30-2023
Operator Signature — Date

Daniel Arias — 10-25-2023
Hauler Signature — Date

Manure / Process Wastewater Tracking Manifest
For
Existing Milk Cow Dairies

General Order No. R5-2007-0035, Attachment D

INSTRUCTIONS

1) Complete one manifest for each hauling event, for each destination. A hauling event may last for several days, as long as the manure is being hauled to the same destination.
2) If there are multiple destinations, complete a separate form for each destination.
3) The operator must obtain the signature of the hauler upon completion of each manure/process wastewater hauling event.
4) The operator shall submit copies of manure/process wastewater tracking manifest(s) with the Annual Monitoring Report for Existing Milk Cow Dairies.

OPERATOR INFORMATION

Name of Operator: Shonda R Reid

Name of Dairy Facility: Fred Rau Dairy Inc

Facility Address:

10255 W. Manning (Number and Street) Fresno (City) Fresno (County) 93706 (Zip Code)

Contact Person Name and Phone Number: Shonda R. Reid (Name) 5596472877 (Phone Number)

HAULER INFORMATION

Name of Hauling Company/Person: M. Arias Trucking LLC

Address of Hauling Company/Person:

P.O. Box 208 (Number and Street) Raisin City (City) CA (State) 93652 (Zip Code)

Contact Person: M. Arias / Nancy Arias (Name) 559 2645813 (Phone Number)

DESTINATION INFORMATION

Composting Facility / Broker / Farmer / Other (identify): Finder Farms Inc.

Contact information of Composting Facility, Broker, Farmer, or Other (as identified above):

Finderup Farms Inc (James) (Name) 559 2645813 (Phone Number)

5735 W. Adams Ave (Address) Fresno (City) CA (State) (Zip Code)

Destination Address or Assessor's Parcel Number:

(Address) Fresno (City) 93706 (Zip Code)

Adames Ave & Hayes (Street and nearest cross street (if no address)) Fresno (County)

(Assessor's Parcel Number) (Assessor's Parcel Number County)

Last date hauled: 10/26/2023

Manure / Process Wastewater Tracking Manifest
For
Existing Milk Cow Dairies

General Order No. R5-2007-0035, Attachment D

MANURE AMOUNT HAULED

Enter the amount of manure hauled in tons, manure solids content, and the method used to calculate the amount:

Manure: 325 tons

Manure Solids Content: 52.25 % 47.75% moisture

Method used to determine amount of manure:

trucks weighed & averaged

PROCESS WASTEWATER AMOUNT HAULED

Enter the amount of process wastewater hauled in gallons and the method used to determine the amount:

Process Wastewater: Ø gallons

Method used to determine volume of process wastewater:

WRITTEN AGREEMENT

Does the Operator have a written agreement (in compliance with Land Application Specification C.2 of Waste Discharge Requirements General Order No. R5-2007-0035) with any party that receives process wastewater from the Operator for its own use?

[ ] YES [X] NO

If the answer is no, the Operator agrees to have such a written agreement with any such party for any process wastewater transferred after 31 December 2007 to such party.

SR (Operator shall provide initials here to acknowledge this requirement)

CERTIFICATION

I declare under penalty of law that I personally examined and am familiar with the information submitted in this document, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of a fine and imprisonment for knowing violations.

Shonda R Reid — 12-20-2023
Operator Signature — Date

Daniel Arias — 12-22-2023
Hauler Signature — Date