

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:** Sozinho Jerseys 2

Physical address of dairy:

5811 Lacey BLVD

Number and Street

Hanford

Kings

93230

City

County

Zip Code

Street and nearest cross street (if no address): _____

Date facility was originally placed in operation: 11/19/1974Regional Water Quality Control Board Basin Plan designation: Tulare Basin

County Assessor Parcel Number(s) for dairy facility:

X016-X080-X043-XXXX X016-X120-X036-XXXX

B. OPERATORS

Sozinho, Danny

Operator name: <u>Sozinho, Danny</u>	Telephone no.:	<u>(559) 816-3591</u>	
		Landline	Cellular
10795 6th AVE	Hanford	CA	93230
Mailing Address Number and Street	City	State	Zip Code

This operator is responsible for paying permit fees.**C. OWNERS**

Rocha, Robert

Legal owner name: <u>Rocha, Robert</u>	Telephone no.:	<u>(559) 816-3591</u>	
		Landline	Cellular
10795 6th AVE	Hanford	CA	93230
Mailing Address Number and Street	City	State	Zip Code

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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	0	98	66	78	24	0
Number under roof	895	0	0	0	0	0
Maximum number	900	105	75	85	26	0
Average number	898	102	71	82	25	0
Avg live weight (lbs)	1,400	1,600	1,200	100		

Predominant milk cow breed: JerseyAverage milk production: 61 pounds per cow per day**B. MANURE GENERATED**Total manure excreted by the herd: 25,122.74 tons per reporting periodTotal nitrogen from manure: 323,182.02 lbs per reporting periodAfter ammonia losses (30% loss applied): 226,227.41 lbs per reporting periodTotal phosphorus from manure: 53,710.90 lbs per reporting periodTotal potassium from manure: 166,665.41 lbs per reporting periodTotal salt from manure: 446,278.20 lbs per reporting period**C. PROCESS WASTEWATER GENERATED**Process wastewater generated: 10,944,000 gallonsTotal nitrogen generated: 50,466.62 lbsTotal phosphorus generated: 5,989.26 lbsTotal potassium generated: 129,623.12 lbsTotal salt generated: 499,625.50 lbs

<u>10,944,000 gallons applied</u>
<u>+ 0 gallons exported</u>
<u>- 0 gallons imported</u>
<u>= 10,944,000 gallons generated</u>

D. FRESH WATER SOURCES

Source Description	Type
Dom 1	Ground water
Phillips 2	Ground water

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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.

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APPLICATION AREA**A. LIST OF LAND APPLICATION AREAS**

Field name	Controlled acres	Cropable acres	Total harvests	Type of waste applied	Parcel number
AC 1	70	68	1	process wastewater	0016-0080-0043-0000
AC 2	32	12	1	process wastewater	0016-0080-0043-0000
AC 3	25	23	1	none	0016-0080-0043-0000
Phillips 1	75	72	1	none	0016-0120-0036-0000
Phillips 2	43	40	1	none	0016-0120-0036-0000
Phillips 3	70	65	1	process wastewater	0016-0120-0036-0000
Totals for areas that were used for application	172	145	3		
Totals for areas that were not used for application	143	135	3		
Land application area totals	315	280	6		

B. CROPS AND HARVESTS**AC 1**

Field name: AC 1

11/18/2022: Triticale, boot stage

Crop: Triticale, boot stage Acres planted: 68 Plant date: 11/18/2022

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	N (mg/kg)	P (mg/kg)	K (mg/kg)	Salt (mg/kg)	TFS (%)
06/19/2023	1,587.00 ton	As-is		48.8	8,300.00	3,900.00	17,000.00		13.30
Yield (tons/acre) Total N (lbs/acre) Total P (lbs/acre) Total K (lbs/acre) Salt (lbs/acre)									
Anticipated harvest content	22.00	365.20	171.60	748.00	0.00				
Total actual harvest content	23.34	387.41	182.04	793.50	3,178.48				

AC 2

Field name: AC 2

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AC 2

11/18/2022: Triticale, boot stage

Crop: Triticale, boot stage Acres planted: 12 Plant date: 11/18/2022

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	N (mg/kg)	P (mg/kg)	K (mg/kg)	Salt (mg/kg)	TFS (%)
06/19/2023	275.00 ton	As-is		49.4	8,600.00	4,400.00	17,900.00		14.90

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	22.00	378.40	193.60	787.60	0.00
Total actual harvest content	22.92	394.17	201.67	820.42	3,455.56

AC 3

Field name: AC 3

02/01/2016: Pistachios

Crop: Pistachios Acres planted: 23 Plant date: 02/01/2016

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	N (mg/kg)	P (mg/kg)	K (mg/kg)	Salt (mg/kg)	TFS (%)
11/01/2023	103.50 ton	As-is		61.1	20,200.00	4,000.00	21,300.00		14.80

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	4.00	118.40	31.20	167.20	0.00
Total actual harvest content	4.50	181.80	36.00	191.70	518.15

Phillips 1

Field name: Phillips 1

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Phillips 1

02/01/2016: Pistachios

Crop: Pistachios Acres planted: 72 Plant date: 02/01/2016

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	N (mg/kg)	P (mg/kg)	K (mg/kg)	Salt (mg/kg)	TFS (%)
11/01/2023	324.00 ton	As-is		57.4	23,100.00	4,800.00	20,900.00		11.80

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	4.00	118.40	31.20	167.20	0.00
Total actual harvest content	4.50	207.90	43.20	188.10	452.41

Phillips 2

Field name: Phillips 2

02/01/2016: Pistachios

Crop: Pistachios Acres planted: 40 Plant date: 02/01/2016

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	N (mg/kg)	P (mg/kg)	K (mg/kg)	Salt (mg/kg)	TFS (%)
11/01/2023	200.00 ton	As-is		58.8	18,000.00	4,600.00	19,600.00		15.10

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	4.30	127.28	33.54	179.74	0.00
Total actual harvest content	5.00	180.00	46.00	196.00	622.12

Phillips 3

Field name: Phillips 3

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Phillips 3

11/16/2022: Triticale, boot stage

Crop: Triticale, boot stage Acres planted: 65 Plant date: 11/16/2022

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	N (mg/kg)	P (mg/kg)	K (mg/kg)	Salt (mg/kg)	TFS (%)
06/19/2023	1,210.00 <i>ton</i>	As-is		48.4	9,500.00	4,300.00	17,200.00		13.90

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	22.00	418.00	189.20	756.80	0.00
Total actual harvest content	18.62	353.69	160.09	640.37	2,670.34

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NUTRIENT BUDGET**A. LAND APPLICATIONS**

AC 1 - 11/18/2022: Triticale, boot stage

Field name: AC 1

Crop: Triticale, boot stage

Plant date: 11/18/2022

Application date	Application method	Precipitation 24 hours prior	Precipitation during application		Precipitation 24 hours following	
10/20/2022	Surface (irrigation)	No precipitation	No precipitation		No precipitation	
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Lagoon	Process wastewater	144.65	14.16	282.28	1,053.90	2,340,000.00 gal
Phillips 2	Ground water	0.00	0.00	0.00	195.16	8,550,000.00 gal
Application event totals		144.65	14.16	282.28	1,249.06	
03/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation	No precipitation	
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Lagoon	Process wastewater	99.18	16.66	378.53	1,443.61	1,512,000.00 gal
Phillips 2	Ground water	0.00	0.00	0.00	175.65	7,695,000.00 gal
Application event totals		99.18	16.66	378.53	1,619.25	
05/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation	No precipitation	
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Lagoon	Process wastewater	115.26	11.38	250.94	1,017.89	1,440,000.00 gal
Phillips 2	Ground water	0.00	0.00	0.00	147.91	6,480,000.00 gal
Application event totals		115.26	11.38	250.94	1,165.81	

AC 2 - 11/18/2022: Triticale, boot stage

Field name: AC 2

Crop: Triticale, boot stage

Plant date: 11/18/2022

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
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AC 2 - 11/18/2022: Triticale, boot stage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application		Precipitation 24 hours following	
10/24/2022	Surface (irrigation)	No precipitation	No precipitation		No precipitation	
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Lagoon	Process wastewater	151.32	14.81	295.31	1,102.54	432,000.00 gal
Phillips 2	Ground water	0.00	0.00	0.00	209.54	1,620,000.00 gal
Application event totals		151.32	14.81	295.31	1,312.08	
03/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation	No precipitation	
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Lagoon	Process wastewater	107.05	17.99	408.57	1,558.18	288,000.00 gal
Phillips 2	Ground water	0.00	0.00	0.00	139.70	1,080,000.00 gal
Application event totals		107.05	17.99	408.57	1,697.87	
05/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation	No precipitation	
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Lagoon	Process wastewater	97.97	9.67	213.30	865.21	216,000.00 gal
Phillips 2	Ground water	0.00	0.00	0.00	128.05	990,000.00 gal
Application event totals		97.97	9.67	213.30	993.26	

AC 3 - 02/01/2016: Pistachios

Field name: AC 3

Crop: Pistachios

Plant date: 02/01/2016

Application date	Application method	Precipitation 24 hours prior	Precipitation during application		Precipitation 24 hours following	
03/07/2023	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
Phillips 2	Ground water	0.00	0.00	0.00	91.11	1,350,000.00 gal
Application event totals		0.00	0.00	0.00	91.11	

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AC 3 - 02/01/2016: Pistachios

Application date	Application method	Precipitation 24 hours prior	Precipitation during application		Precipitation 24 hours following	
04/05/2023	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
Nitrogen	Liquid commercial fertilizer	50.00	0.00	0.00	0.00	
Phillips 2	Ground water	0.00	0.00	0.00	94.14	1,395,000.00 gal
Application event totals		50.00	0.00	0.00	94.14	
05/21/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation	No precipitation	
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Phillips 2	Ground water	0.00	0.00	0.00	94.14	1,395,000.00 gal
Application event totals		0.00	0.00	0.00	94.14	
06/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation	No precipitation	
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Phillips 2	Ground water	0.00	0.00	0.00	97.18	1,440,000.00 gal
Application event totals		0.00	0.00	0.00	97.18	
07/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation	No precipitation	
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Nitrogen	Liquid commercial fertilizer	40.00	0.00	0.00	0.00	
Phillips 2	Ground water	0.00	0.00	0.00	97.18	1,440,000.00 gal
Application event totals		40.00	0.00	0.00	97.18	
08/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation	No precipitation	
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Phillips 2	Ground water	0.00	0.00	0.00	100.22	1,485,000.00 gal
Application event totals		0.00	0.00	0.00	100.22	
09/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation	No precipitation	
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Phillips 2	Ground water	0.00	0.00	0.00	72.88	1,080,000.00 gal
Application event totals		0.00	0.00	0.00	72.88	

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Phillips 1 - 02/01/2016: Pistachios

Field name: Phillips 1

Crop: Pistachios

Plant date: 02/01/2016

Application date	Application method	Precipitation 24 hours prior	Precipitation during application		Precipitation 24 hours following	
03/09/2023	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
Phillips 2	Ground water	0.00	0.00	0.00	86.15	3,996,000.00 gal
Application event totals		0.00	0.00	0.00	86.15	
04/06/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation	No precipitation	
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Nitrogen	Liquid commercial fertilizer	45.00	0.00	0.00	0.00	
Phillips 2	Ground water	0.00	0.00	0.00	90.03	4,176,000.00 gal
Application event totals		45.00	0.00	0.00	90.03	
05/21/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation	No precipitation	
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Phillips 2	Ground water	0.00	0.00	0.00	91.58	4,248,000.00 gal
Application event totals		0.00	0.00	0.00	91.58	
06/29/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation	No precipitation	
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Phillips 2	Ground water	0.00	0.00	0.00	91.58	4,248,000.00 gal
Application event totals		0.00	0.00	0.00	91.58	
07/23/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation	No precipitation	
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Nitrogen	Liquid commercial fertilizer	40.00	0.00	0.00	0.00	
Phillips 2	Ground water	0.00	0.00	0.00	91.58	4,248,000.00 gal
Application event totals		40.00	0.00	0.00	91.58	

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Phillips 1 - 02/01/2016: Pistachios

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
Phillips 2	Ground water	0.00	0.00	0.00	94.68	4,392,000.00 gal
Application event totals		0.00	0.00	0.00	94.68	
09/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation	No precipitation	
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Phillips 2	Ground water	0.00	0.00	0.00	83.82	3,888,000.00 gal
Application event totals		0.00	0.00	0.00	83.82	

Phillips 2 - 02/01/2016: Pistachios

Field name:	Phillips 2					
Crop:	Pistachios					
Application date	Application method	Precipitation 24 hours prior	Precipitation during application		Precipitation 24 hours following	
03/12/2023	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
Phillips 2	Ground water	0.00	0.00	0.00	125.73	3,240,000.00 gal
Application event totals		0.00	0.00	0.00	125.73	
04/09/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation	No precipitation	
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Nitrogen	Liquid commercial fertilizer	45.00	0.00	0.00	0.00	
Phillips 2	Ground water	0.00	0.00	0.00	122.93	3,168,000.00 gal
Application event totals		45.00	0.00	0.00	122.93	
05/24/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation	No precipitation	
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Phillips 2	Ground water	0.00	0.00	0.00	125.73	3,240,000.00 gal
Application event totals		0.00	0.00	0.00	125.73	

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Phillips 2 - 02/01/2016: Pistachios

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
Phillips 2	Ground water	0.00	0.00	0.00	125.73	3,240,000.00 gal
Application event totals		0.00	0.00	0.00	125.73	
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
Nitrogen	Liquid commercial fertilizer	40.00	0.00	0.00	0.00	
Phillips 2	Ground water	0.00	0.00	0.00	128.52	3,312,000.00 gal
Application event totals		40.00	0.00	0.00	128.52	
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
Phillips 2	Ground water	0.00	0.00	0.00	127.12	3,276,000.00 gal
Application event totals		0.00	0.00	0.00	127.12	
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
Phillips 2	Ground water	0.00	0.00	0.00	69.85	1,800,000.00 gal
Application event totals		0.00	0.00	0.00	69.85	

Phillips 3 - 11/16/2022: Triticale, boot stage

Field name: Phillips 3

Crop: Triticale, boot stage

Plant date: 11/16/2022

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
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Phillips 3 - 11/16/2022: Triticale, boot stage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application		Precipitation 24 hours following	
10/24/2022	Surface (irrigation)	No precipitation	No precipitation		No precipitation	
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Lagoon	Process wastewater	125.71	12.30	245.34	915.96	1,944,000.00 gal
Phillips 2	Ground water	0.00	0.00	0.00	260.05	10,890,000.00 gal
Application event totals		125.71	12.30	245.34	1,176.01	
03/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation	No precipitation	
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Lagoon	Process wastewater	103.76	17.43	396.00	1,510.23	1,512,000.00 gal
Phillips 2	Ground water	0.00	0.00	0.00	179.67	7,524,000.00 gal
Application event totals		103.76	17.43	396.00	1,689.90	
05/19/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation	No precipitation	
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Lagoon	Process wastewater	105.50	10.42	229.71	931.76	1,260,000.00 gal
Phillips 2	Ground water	0.00	0.00	0.00	172.58	7,227,000.00 gal
Application event totals		105.50	10.42	229.71	1,104.34	

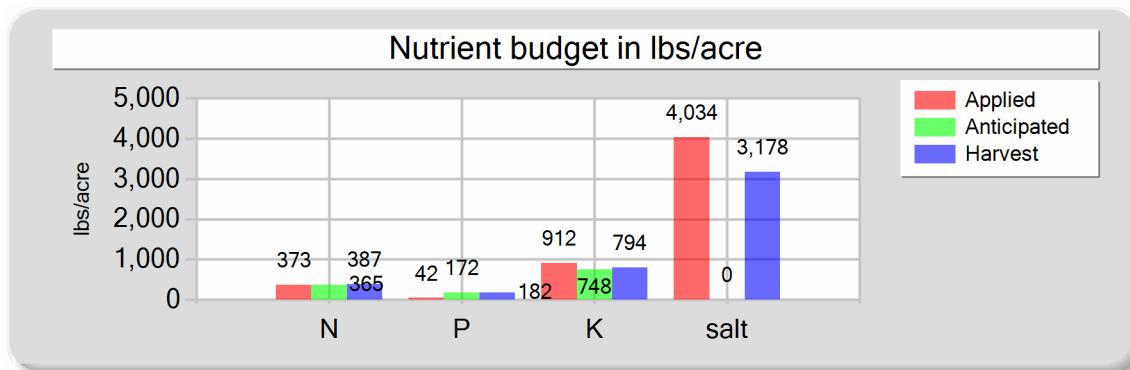
Annual Report - General Order No. R5-2007-0035

Reporting period 01/01/2023 to 12/31/2023.

B. NUTRIENT BUDGET

AC 1 - 11/18/2022: Triticale, boot stage

Field name: AC 1 Crop: Triticale, boot stage Plant date: 11/18/2022



	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	359.08	42.20	911.75	3,515.40
Fresh water	0.00	0.00	0.00	518.72
Atmospheric deposition	14.00	0.00	0.00	0.00
Total nutrients applied	373.08	42.20	911.75	4,034.12
Anticipated crop nutrient removal	365.20	171.60	748.00	0.00
Actual crop nutrient removal	387.41	182.04	793.50	3,178.48
Nutrient balance	-14.34	-139.84	118.25	855.64
Applied to removed ratio	0.96	0.23	1.15	1.27

Fresh water applied
22,725,000.00 gallons
836.88 acre-inches
12.31 inches/acre
Process wastewater applied
5,292,000.00 gallons
194.89 acre-inches
2.87 inches/acre
Total harvests for the crop
1 harvests

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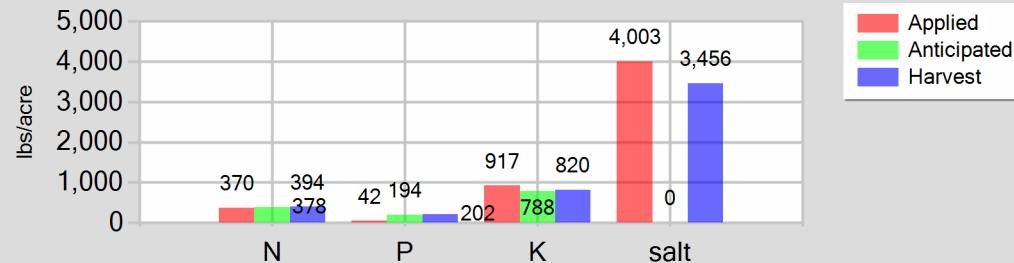
AC 2 - 11/18/2022: Triticale, boot stage

Field name: AC 2

Crop: Triticale, boot stage

Plant date: 11/18/2022

Nutrient budget in lbs/acre



	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	356.34	42.47	917.18	3,525.93
Fresh water	0.00	0.00	0.00	477.29
Atmospheric deposition	14.00	0.00	0.00	0.00
Total nutrients applied	370.34	42.47	917.18	4,003.22
Anticipated crop nutrient removal	378.40	193.60	787.60	0.00
Actual crop nutrient removal	394.17	201.67	820.42	3,455.56
Nutrient balance	-23.83	-159.20	96.77	547.66
Applied to removed ratio	0.94	0.21	1.12	1.16

Fresh water applied

3,690,000.00 gallons
135.89 acre-inches
11.32 inches/acre

Process wastewater applied

936,000.00 gallons
34.47 acre-inches
2.87 inches/acre

Total harvests for the crop

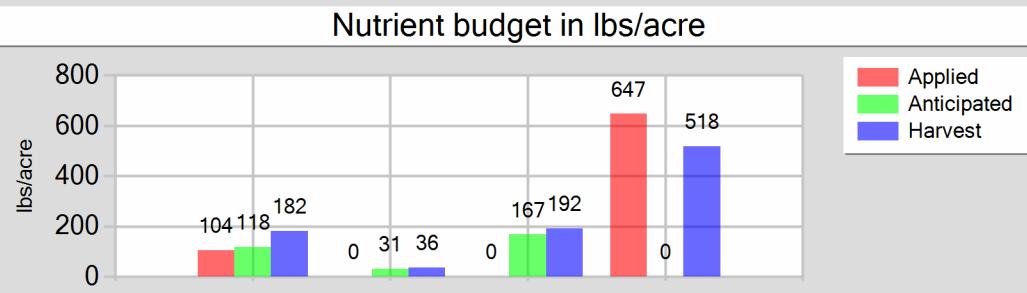
1 harvests

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AC 3 - 02/01/2016: Pistachios

Field name: AC 3 Crop: Pistachios Plant date: 02/01/2016



	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	90.00	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	646.85
Atmospheric deposition	14.00	0.00	0.00	0.00
Total nutrients applied	104.00	0.00	0.00	646.85
Anticipated crop nutrient removal	118.40	31.20	167.20	0.00
Actual crop nutrient removal	181.80	36.00	191.70	518.15
Nutrient balance	-77.80	-36.00	-191.70	128.70
Applied to removed ratio	0.57	0.00	0.00	1.25

Fresh water applied

9,585,000.00 gallons
352.98 acre-inches
15.35 inches/acre

Process wastewater applied

0.00 gallons
0.00 acre-inches
0.00 inches/acre

Total harvests for the crop

1 harvests

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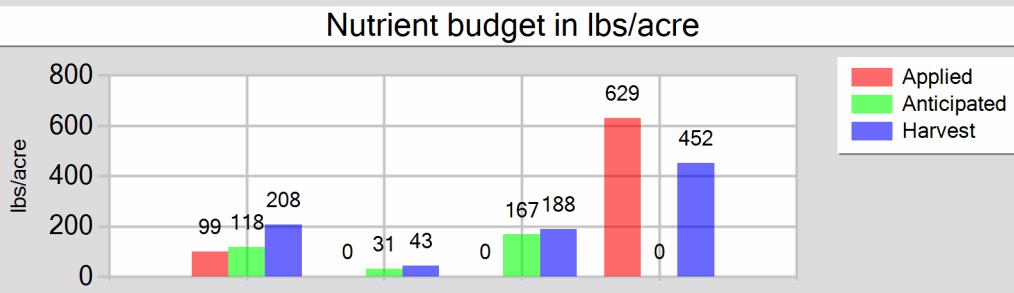
Reporting period 01/01/2023 to 12/31/2023.

Phillips 1 - 02/01/2016: Pistachios

Field name: Phillips 1

Crop: Pistachios

Plant date: 02/01/2016



	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	85.00	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	629.40
Atmospheric deposition	14.00	0.00	0.00	0.00
Total nutrients applied	99.00	0.00	0.00	629.40
Anticipated crop nutrient removal	118.40	31.20	167.20	0.00
Actual crop nutrient removal	207.90	43.20	188.10	452.41
Nutrient balance	-108.90	-43.20	-188.10	176.99
Applied to removed ratio	0.48	0.00	0.00	1.39

Fresh water applied

29,196,000.00 *gallons*
1,075.19 *acre-inches*
14.93 *inches/acre*

Process wastewater applied

0.00 *gallons*
0.00 *acre-inches*
0.00 *inches/acre*

Total harvests for the crop

1 *harvests*

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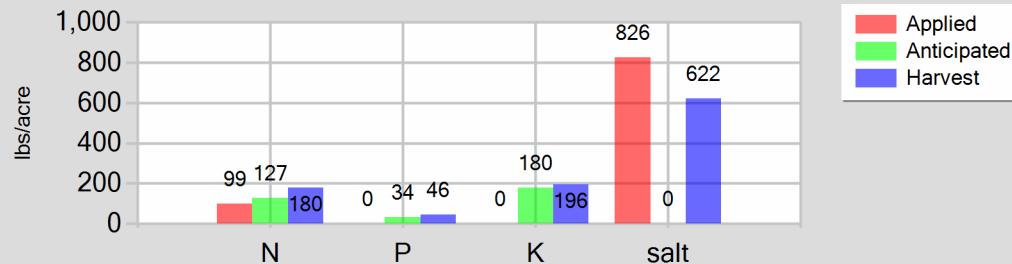
Phillips 2 - 02/01/2016: Pistachios

Field name: Phillips 2

Crop: Pistachios

Plant date: 02/01/2016

Nutrient budget in lbs/acre



	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	85.00	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	825.60
Atmospheric deposition	14.00	0.00	0.00	0.00
Total nutrients applied	99.00	0.00	0.00	825.60
Anticipated crop nutrient removal	127.28	33.54	179.74	0.00
Actual crop nutrient removal	180.00	46.00	196.00	622.12
Nutrient balance	-81.00	-46.00	-196.00	203.48
Applied to removed ratio	0.55	0.00	0.00	1.33

Fresh water applied

21,276,000.00 gallons
783.52 acre-inches
19.59 inches/acre

Process wastewater applied

0.00 gallons
0.00 acre-inches
0.00 inches/acre

Total harvests for the crop

1 harvests

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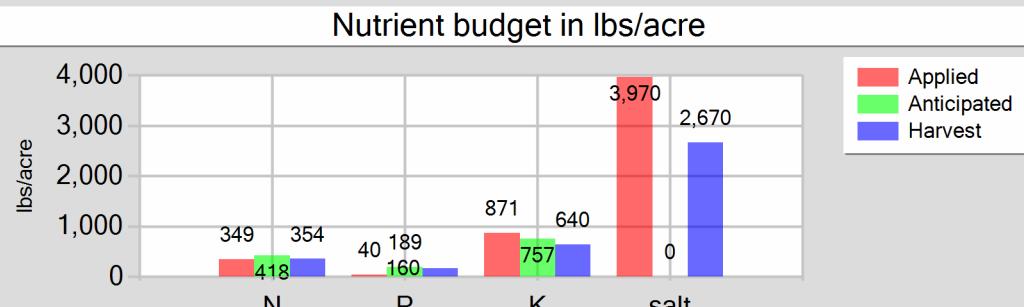
Reporting period 01/01/2023 to 12/31/2023.

Phillips 3 - 11/16/2022: Triticale, boot stage

Field name: Phillips 3

Crop: Triticale, boot stage

Plant date: 11/16/2022



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)	Fresh water applied
Existing soil nutrient content	0.00	0.00	0.00	0.00	25,641,000.00 gallons
Plowdown credit	0.00	0.00	0.00	0.00	944.27 acre-inches
Commercial fertilizer / Other	0.00	0.00	0.00	0.00	14.53 inches/acre
Dry manure	0.00	0.00	0.00	0.00	
Process wastewater	334.97	40.15	871.04	3,357.96	Process wastewater applied
Fresh water	0.00	0.00	0.00	612.30	4,716,000.00 gallons
Atmospheric deposition	14.00	0.00	0.00	0.00	173.67 acre-inches
Total nutrients applied	348.97	40.15	871.04	3,970.25	2.67 inches/acre
Anticipated crop nutrient removal	418.00	189.20	756.80	0.00	
Actual crop nutrient removal	353.69	160.09	640.37	2,670.34	Total harvests for the crop
Nutrient balance	-4.72	-119.94	230.67	1,299.91	1 harvests
Applied to removed ratio	0.99	0.25	1.36	1.49	

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NUTRIENT ANALYSES**A. MANURE ANALYSES**

22J1613

Sample and source description: 22J1613

Sample date: 10/25/2022 Material type: Corral solids Source of analysis: Lab analysis Method of reporting: As-is

Moisture: 45.0 %

	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	12,700.00	4,200.00	30,000.00	7,500.00	3,100.00	2,200.00	2,400.00	7,000.00		0.00
DL	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01		10.00

23F0710

Sample and source description: 23F0710

Sample date: 06/06/2023 Material type: Corral solids Source of analysis: Lab analysis Method of reporting: As-is

Moisture: 4.6 %

	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	19,000.00	5,600.00	20,900.00	27,500.00	6,600.00	2,200.00	3,400.00	3,000.00		0.00
DL	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01		10.00

23I1779

Sample and source description: 23I1779

Sample date: 09/27/2023 Material type: Corral solids Source of analysis: Lab analysis Method of reporting: As-is

Moisture: 35.4 %

	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	14,400.00	4,200.00	17,300.00							0.00
DL	0.01	0.01	0.01							10.00

B. PROCESS WASTEWATER ANALYSES

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22J1604

Sample and source description: 22J1604

Sample date: 10/26/2022 Material type: Process wastewater Source of analysis: Lab analysis pH: _____

	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	502.00	370.00	0.00	1.70	49.30	983.00									3,670
DL	0.01	0.01	0.01	0.01	0.01	0.01									10

23A0714

Sample and source description: 23A0714

Sample date: 01/26/2023 Material type: Process wastewater Source of analysis: Lab analysis pH: _____

	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	533.00	239.00	0.00	1.50	89.80	2,040.00									7,780
DL	0.01	0.01	0.01	0.01	0.01	0.01									10

23F0716

Sample and source description: 23F0716

Sample date: 06/06/2023 Material type: Process wastewater Source of analysis: Lab analysis pH: _____

	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	651.00	438.00	0.00	1.20	64.40	1,420.00	208.00	132.00	358.00	4,600.00	0.00	26.30	721.00		5,760
DL	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01		10

23I1778

Sample and source description: 23I1778

Sample date: 09/27/2023 Material type: Process wastewater Source of analysis: Lab analysis pH: _____

	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	519.00	430.00	0.00	0.60	58.10	1,100.00									5,250
DL	0.01	0.01	0.01	0.01	0.01	0.01									10

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23L0353

Sample and source description: 23L0353

Sample date: 12/06/2023 Material type: Process wastewater Source of analysis: Lab analysis pH: _____

	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	408.00	245.00	0.00	0.40	33.80	1,530.00									5,920
DL	0.01	0.01	0.01	0.01	0.01	0.01									10

C. FRESH WATER ANALYSES

Dom 1

23I0351

Sample description: 23I0351

Sample date: 12/07/2023 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	2.10										420.00	
DL	0.01										10.00	

Phillips 2

23I0351

Sample description: 23I0351

Sample date: 12/07/2023 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										310.00	
DL	0.01										10.00	

D. SOIL ANALYSES

No soil analyses entered.

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E. PLANT TISSUE ANALYSES

AC 1 - 11/18/2022: Triticale, boot stage

23F1843

Sample and source description: 23F1843

Sample date: 06/19/2023 Source of analysis: Lab analysis Method of reporting: As-is

Moisture: 48.8 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	8,300.00	3,900.00	17,000.00		13.30
DL	0.01	0.01	0.01		0.01

AC 2 - 11/18/2022: Triticale, boot stage

223F1843

Sample and source description: 223F1843

Sample date: 06/19/2023 Source of analysis: Lab analysis Method of reporting: As-is

Moisture: 49.4 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	8,600.00	4,400.00	17,900.00		14.90
DL	0.01	0.01	0.01		0.01

AC 3 - 02/01/2016: Pistachios

23K0066

Sample and source description: 23K0066

Sample date: 11/01/2023 Source of analysis: Lab analysis Method of reporting: As-is

Moisture: 61.1 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	20,200.00	4,000.00	21,300.00		14.80
DL	0.01	0.01	0.01		0.03

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Phillips 1 - 02/01/2016: Pistachios

23K0066

Sample and source description: 23K0066

Sample date: 11/01/2023 Source of analysis: Lab analysis Method of reporting: As-is

Moisture: 57.4 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	23,100.00	4,800.00	20,900.00		11.80
DL	0.01	0.01	0.01		0.01

Phillips 2 - 02/01/2016: Pistachios

23K0066

Sample and source description: 23K0066

Sample date: 11/01/2023 Source of analysis: Lab analysis Method of reporting: As-is

Moisture: 58.8 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	18,000.00	4,600.00	19,600.00		15.10
DL	0.01	0.01	0.01		0.01

Phillips 3 - 11/16/2022: Triticale, boot stage

23F1843

Sample and source description: 23F1843

Sample date: 06/19/2023 Source of analysis: Lab analysis Method of reporting: As-is

Moisture: 48.4 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	9,500.00	4,300.00	17,200.00		13.90
DL	0.01	0.01	0.01		0.01

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F. SUBSURFACE (TILE) DRAINAGE ANALYSES

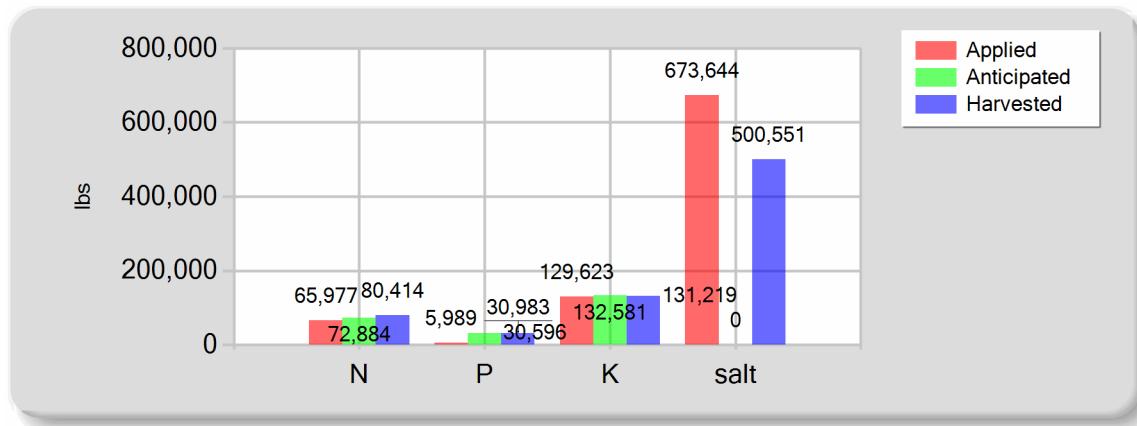
No subsurface (tile) drainage analyses entered.

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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	11,590.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	50,466.62	5,989.26	129,623.12	499,625.50
Fresh water	0.00	0.00	0.00	174,018.44
Atmospheric deposition	3,920.00	0.00	0.00	0.00
Total nutrients applied	65,976.62	5,989.26	129,623.12	673,643.93
Anticipated crop nutrient removal	72,883.60	30,595.60	132,580.80	0.00
Actual crop nutrient removal	80,414.40	30,983.00	131,219.30	500,551.35
Nutrient balance	-14,437.78	-24,993.74	-1,596.18	173,092.58
Applied to removed ratio	0.82	0.19	0.99	1.35

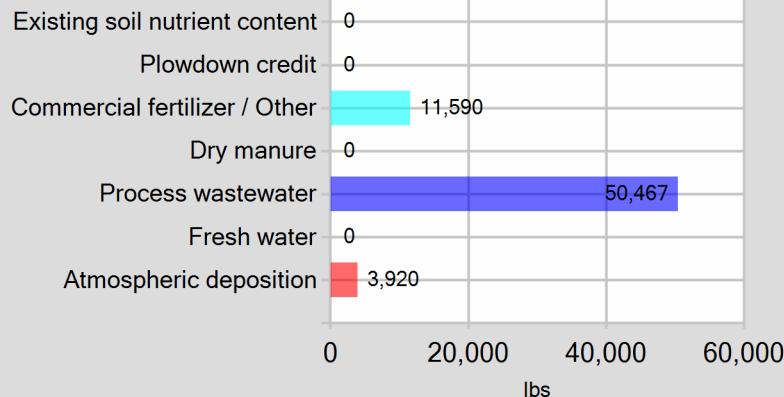
B. POUNDS OF NUTRIENT APPLIED VS. CROP REMOVAL

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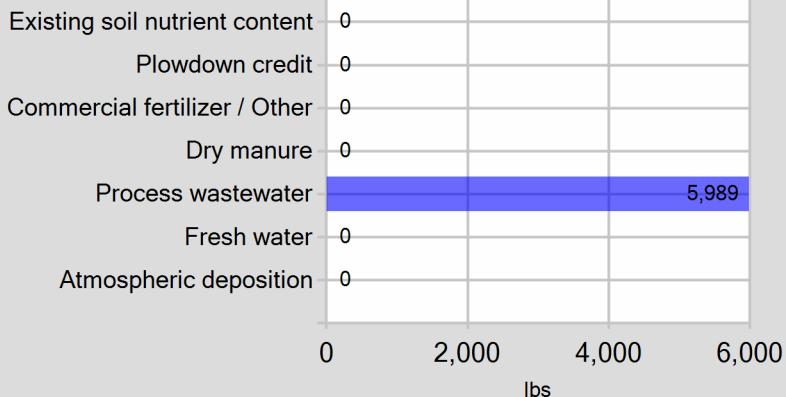
Reporting period 01/01/2023 to 12/31/2023.

C. POUNDS OF NUTRIENT APPLIED BY MATERIAL TYPE

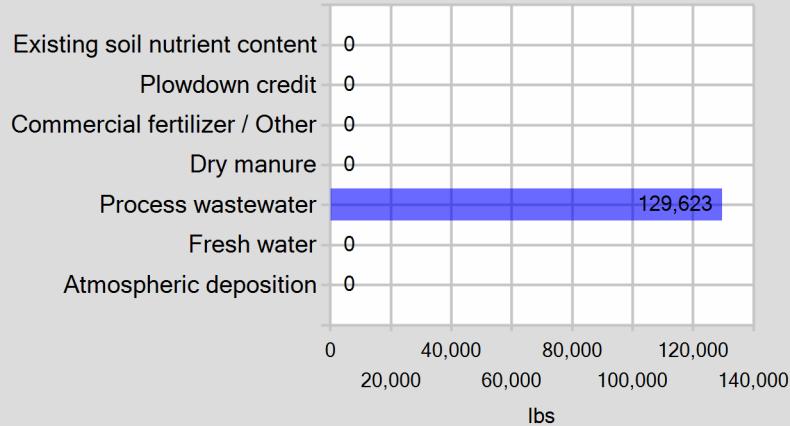
Pounds of nitrogen applied



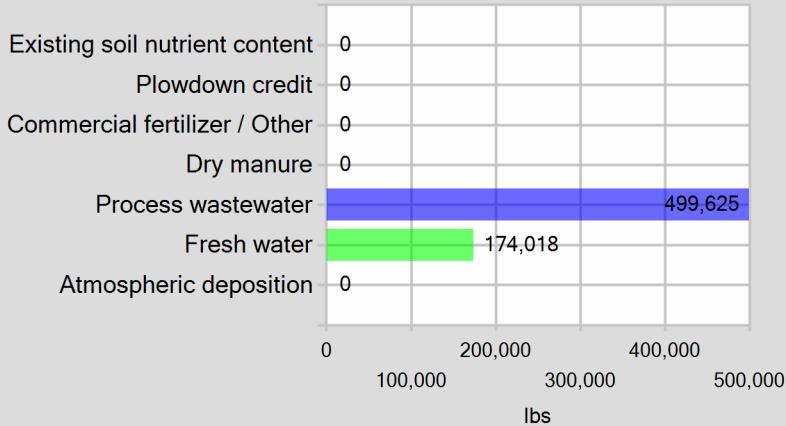
Pounds of phosphorus applied



Pounds of potassium applied



Pounds of salt applied



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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? Yes _____

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 _____

Annual Report - General Order No. R5-2007-0035

Reporting period 01/01/2023 to 12/31/2023.

ADDITIONAL NOTES

A. NOTES

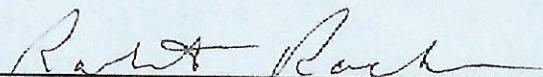
No notes entered for this annual report.

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

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.



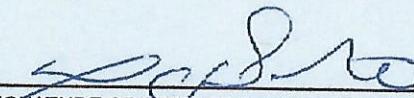
SIGNATURE OF OWNER OF FACILITY

Robert Rocha

PRINT OR TYPE NAME

7-1-24

DATE



SIGNATURE OF OPERATOR OF FACILITY

Danny Sozinho

PRINT OR TYPE NAME

7-1-24

DATE

Annual Report - General Order No. R5-2007-0035

Reporting period 01/01/2023 to 12/31/2023.

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.

Report of Dairy Well Water Analysis

R & R Farms - Hanford
10795 6th Avenue
Hanford CA 93230
00-0019288 08

Lab No.: 23L0351
Sampled By: Pamela Verhoeven
Requested By: Marty Verhoeven
Submitted Date: 12/07/23
Reported Date: 12/11/23
Project:
Crop ID:

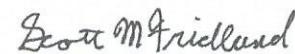
E-mail: martyverhoeven@gmail.com
Copy To:

	Date Sampled	Time Sampled	EC μmhos/cm	EC mmhos/cm	NO ₃ -N mg/L	Field NH ₄ -N	Total NH ₄ -N mg/L	pH at 25°C unit
						*	*	*
1	Dom 1 (Valve@Well)	12/06/23	10:05	420	0.42	2.1	*	8.1
2	Philips 2 (Standpipe)	12/06/23	10:00	310	0.31	ND	*	8.7

* = Field NH₄-N not Taken.

ND = None Detected

Approved By:



Laboratory Director\Technical Manager

ELAP Certification #1595

A2LA Certification #6440.02



12/07/23 06:45

23L0351

Y

WATER WORK REQUEST

Bill To:	Acct No.	Cnts.
	19288	08

Purchase Order No. _____ Results Needed By _____

Client **R & R Farms**
 Address **10795 6th Avenue**
 City, State, Zip **Hanford, CA**
 Email: _____

Copy to: **martyverhoeven@gmail.com**Requested by/Cell: **Marty Verhoeven**

Facility: _____

Date sampled **12-6-23**Sampled by **Pamela Verhoeven** QA/QC Document Copy of Chain RWQCB**DESCRIPTION OF SAMPLES**

1. **Don 1** Sampled From: **valve@well**
2. **Phillips 2** Sampled From: **extandpipe**
3. _____ Sampled From: _____
4. _____ Sampled From: _____
5. _____ Sampled From: _____
6. _____ Sampled From: _____
7. _____ Sampled From: _____
8. _____ Sampled From: _____
9. _____ Sampled From: _____
10. _____ Sampled From: _____

DELLAVALLE LABORATORY, INC.

1910 W. McKinley Avenue, Suite 110 • Fresno, CA 93728

www.dellavallelab.com 559 233-6129 800 228-9896 • Fax 559 268-8174

No. Bottles **2**

No. of Samples	Drinking	Wastewater
Water Type:	<input type="checkbox"/> Ag Water	<input checked="" type="checkbox"/> Ground Water
	<input type="checkbox"/> Supply Water	<input type="checkbox"/> Other

 Mon. Well**Analysis and Bottles Required: (Please Indicate Analysis)**

- DWW1: (EC, pH, NO₃-N, NH₄-N Field Test)
 (1) 1L plastic, unpreserved (white)
- DWW2: (DWW1 Plus SO₄, CO₃, HCO₃, Cl, Ca, Mg, Na, TDS)
 (1) 1L plastic, unpreserved (white)
- DCW1: (EC, NO₃-N, TDS)
 (1) 1L plastic, unpreserved (white)
- DPW1: (EC, pH, NO₃-N, NH₄-N, TKN, TDS, TP, TK)
 (1) 1L plastic, unpreserved (white)
- DPW2: (DPW1 Plus Ca, Mg, Na, HCO₃, CO₃, SO₄, Cl)
 (1) 1L plastic, unpreserved (white)

 Other

Date Sampled	Time Sampled	Field NH4-N (mg/L)	Received Temp °C
12-6-23	10:05	2.4	70.6
12-6-23	10:00	1.1	70.5
_____	_____	_____	_____
_____	_____	_____	_____
IR Thermometer SN: 200560723 Correction Factor: 0°C Calibration Due: 12/22/2023 Location: Laboratory	_____	_____	_____
IR Thermometer SN: 221511276 Correction Factor: 0°C Calibration Due: 12/22/2023 Location: Hanford	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

CHAIN OF CUSTODY

Carrier	Signature	Company	Received (Date/Time)	Relinquished (Date/Time)
First	Pamela Verhoeven	VDFC	12-6-23 10:00	12/6/23 3:10
Second	GTT	DLC	12/6/23 3:10	12/6/23 3:10
Third				
Fourth	GTL	DLC	12/7 04:00	

I guarantee that as the client, or on behalf of the client named, I have the authority to contract the above requested services. Should it be found that I do not have such authority, I agree to be personally liable for all costs and, if there should be a claim against me for the losses, reasonable attorney fees. It is understood that payment is expected to be cash with samples unless terms have been previously arranged. Terms are net 30 days; credit accounts will be charged a fixed damage fee of 2% per month (annually, 24%) or \$5.00 per month, whichever is greater. If payment is not made when due and a legitimate dispute exists concerning the product or services of DellaValle Laboratory, Inc., it will be submitted to mediation under the Rules and Procedures of Creative Alternatives to Litigation, Inc. (CAL). If the dispute is not resolved in mediation, then the dispute will be submitted to binding arbitration through CAL under its Rules and Procedures. The parties will equally bear the costs of mediation/arbitration. If, however, the mediator declares that no legitimate dispute exists, then debtor will pay all mediation and arbitration costs, and in the event of arbitration, reasonable attorney's fees of DellaValle Laboratory.

Invoicing Information:**Price List 2022**

Shipping		
Sampling Hrs	Miles	Consulting
\$		In
\$		Out
Amt Paid	Rec By	Check No.
		Date

Signature _____

Sample received in cooler with ice?

[] Yes [] No

cttupdate 3020