



Predictive

Soil Report

Mehlich-3 Extraction

Client: Horticultural Crops Research Station /
Clinton
2450 Faison Hwy
Clinton, NC 28328

Advisor:

Sampled County : Sampson
Client ID: 403047

Advisor ID:

Sampled: 11/01/2017 **Received:** 11/29/2017 **Completed:** 01/25/2018 **Farm:**

Agronomist's Comments:

Blueberry hardly ever needs lime; no lime should be applied unless advised by an experienced consultant. Soil pH in the 4.0 to 5.0 range is preferable. If you received a lime recommendation on the report, it is due to the second crop code selection. Our recommendation program provides a lime recommendation for the crop with the highest target pH. This lime recommendation when it exists will always appear next to the first crop. If there is confusion about this, please contact us. Also read Note 18 that can be accessed by a hyperlink found on the report.

Sample ID: A1	Recommendations: Crop	Lime (tons/acre)	Nutrients (lb/acre)									More Information
			N	P2O5	K2O	Mg	S	Mn	Zn	Cu	B	
Lime History:	1 - Vegetables, other	0.3	80-100	0	70	0	0	0	0	0	0	Note: 6
	2 - Soybean	0.0	0	0	10	0	0	0	0	0	0	Note: 3

Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO₃-N in mg/dm³]:**Soil Class:** Mineral

HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-I	Na	ESP	SS-I	NO ₃ -N
0.41	1.43	2.7	77	0.6	5.6	266	70	51	15	26	96	68	68	132	132	83	0.1	3		

Sample ID: A02	Recommendations: Crop	Lime (tons/acre)	Nutrients (lb/acre)									More Information
			N	P2O5	K2O	Mg	S	Mn	Zn	Cu	B	
Lime History:	1 - Vegetables, other	0.0	80-100	0	60	0	25	0	0	0	0	Note: 6
	2 - Soybean	0.0	0	0	0	0	25	0	0	0	0	Note: 3

Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO₃-N in mg/dm³]:**Soil Class:** Mineral

HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-I	Na	ESP	SS-I	NO ₃ -N
0.27	1.38	2.5	77	0.6	5.6	177	79	45	16	21	71	53	53	85	85	79	0.1	4		

Sample ID: A03	Recommendations: Crop	Lime (tons/acre)	Nutrients (lb/acre)									More Information
			N	P2O5	K2O	Mg	S	Mn	Zn	Cu	B	
Lime History:	1 - Vegetables, other	0.3	80-100	0	120	0	25	0	0	0	0	Note: 6
	2 - Corn, grain	0.0	120 - 160	0	50	0	25	0	0	0	0	Note: 3

Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO₃-N in mg/dm³]:**Soil Class:** Mineral

HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-I	Na	ESP	SS-I	NO ₃ -N
0.22	1.45	2.2	74	0.6	5.5	217	46	48	16	15	76	56	63	89	89	72	0.1	5		



Reprogramming of the laboratory-information-management system that makes this report possible is being funded through a grant from the North Carolina Tobacco Trust Fund Commission.

Thank you for using agronomic services to manage nutrients and safeguard environmental quality.

- Steve Troxler, Commissioner of Agriculture

NCDA&CS Agronomic Division				Phone: (919) 733-2655				Website: www.ncagr.gov/agronomi/								Report No.				FY18-SL021327			
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Sample ID: A04		Recommendations:		Lime		Nutrients (lb/acre)										More							
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn		Zn		Cu		B		Information	
Lime History:		1 - Vegetables, other		0.0		80-100		0		110		0		25		0		0		0		Note: 6	
		2 - Corn, grain		0.0		120 - 160		0		40		0		25		0		0		0		Note: 3	
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:															Soil Class: Mineral								
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N			
0.27	1.54	2.3	79	0.5	5.7	204	52	50	17	12	84	60	67	98	98	80	0.1	4					
Sample ID: A05		Recommendations:		Lime		Nutrients (lb/acre)										More							
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn		Zn		Cu		B		Information	
Lime History:		1 - Vegetables, other		0.0		80-100		0		110		0		25		0		0		0		Note: 6	
		2 - Corn, grain		0.0		120 - 160		0		40		0		25		0		0		0		Note: 3	
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:															Soil Class: Mineral								
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N			
0.22	1.54	2.3	79	0.5	5.7	196	49	50	18	12	83	60	67	99	99	79	0.1	4					
Sample ID: A06		Recommendations:		Lime		Nutrients (lb/acre)										More							
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn		Zn		Cu		B		Information	
Lime History:		1 - Vegetables, other		0.0		80-100		0		70		0		25		0		0		0		Note: 6	
0.30 tons/acre; 2/2017		2 - Soybean		0.0		0		0		20		0		25		0		0		0		Note: 3	
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:															Soil Class: Mineral								
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N			
0.36	1.43	3.1	78	0.7	5.6	313	69	52	15	23	103	72	72	167	167	139	0.1	3					
Sample ID: A07		Recommendations:		Lime		Nutrients (lb/acre)										More							
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn		Zn		Cu		B		Information	
Lime History:		1 - Vegetables, other		0.0		80-100		0		100		0		25		0		0		0		Note: 6	
		2 - Soybean		0.0		0		0		30		0		25		0		0		0		Note: 3	
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:															Soil Class: Mineral								
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N			
0.18	1.44	2.2	78	0.5	5.7	221	55	48	17	17	71	53	53	136	136	111	0.1	5					

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Sample ID: A08		Recommendations:		Lime		Nutrients (lb/acre)												More Information Note: 6 Note: 3							
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn		Zn				Cu		B			
Lime History:		1 - Vegetables, other		0.0		80-100		0		90		0		25		0				0		0			
		2 - Corn, grain		0.0		120 - 160		0		30		0		25		0				0		0			
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																						Soil Class: Mineral			
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N					
0.22	1.37	2.6	80	0.5	5.8	187	61	48	20	12	103	72	79	315	315	84	0.1	4							
Sample ID: A09		Recommendations:		Lime		Nutrients (lb/acre)												More Information Note: 6 Note: 3							
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn		Zn				Cu		B			
Lime History:		1 - Vegetables, other		0.3		80-100		40		30		0		25		0				0		0			
		2 - Corn, grain		0.0		120 - 160		0		0		0		25		0				0		0			
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																						Soil Class: Mineral			
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N					
0.22	1.35	2.5	73	0.7	5.5	90	93	36	19	20	53	42	49	64	64	50	0.1	4							
Sample ID: A10		Recommendations:		Lime		Nutrients (lb/acre)												More Information Note: 6 Note: 3							
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn		Zn				Cu		B			
Lime History:		1 - Vegetables, other		0.4		80-100		0		100		0		25		0				0		0			
		2 - Corn, grain		0.0		120 - 160		0		40		0		25		0				0		0			
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																						Soil Class: Mineral			
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N					
0.32	1.40	2.7	72	0.8	5.5	303	54	49	13	20	108	75	82	194	194	111	0.1	4							
Sample ID: A11		Recommendations:		Lime		Nutrients (lb/acre)												More Information Note: 6 Note: 3							
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn		Zn				Cu		B			
Lime History:		1 - Vegetables, other		0.3		80-100		0		130		0		25		0				0		0			
0.30 tons/acre; 2/2017		2 - Corn, grain		0.0		120 - 160		0		50		0		25		0				0		0			
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																						Soil Class: Mineral			
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N					
0.32	1.38	1.9	69	0.6	5.4	168	44	41	17	16	58	45	52	119	119	94	0.1	5							

Sample ID: A12	Recommendations: Crop	Lime (tons/acre)	Nutrients (lb/acre)									More Information
			N	P ₂ O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	B	
Lime History:	1 - Vegetables, other	0.0	80-100	0	80	0	25	0	0	0	0	Note: 6 Note: 3
	2 - Corn, grain	0.0	120 - 160	0	20	0	25	0	0	0	0	

Test Results [units - W/V in g/cm ³ ; CEC and Na in meq/100 cm ³ ; NO ₃ -N in mg/dm ³]:																			Soil Class: Mineral	
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO ₃ -N
0.27	1.43	2.8	74	0.7	5.8	195	66	43	20	14	95	67	74	275	275	82	0.1	4		

Sample ID: A13	Recommendations: Crop	Lime (tons/acre)	Nutrients (lb/acre)									More Information
			N	P ₂ O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	B	
Lime History: 0.50 tons/acre; 2/2017	1 - Vegetables, other	0.3	80-100	0	100	0	25	0	0	0	0	Note: 6 Note: 3
	2 - Corn, grain	0.0	120 - 160	0	30	0	25	0	0	0	0	

Test Results [units - W/V in g/cm ³ ; CEC and Na in meq/100 cm ³ ; NO ₃ -N in mg/dm ³]:																			Soil Class: Mineral	
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO ₃ -N
0.18	1.43	2.5	67	0.8	5.4	149	57	39	16	18	70	52	59	64	64	49	0.1	4		

Sample ID: B1	Recommendations: Crop	Lime (tons/acre)	Nutrients (lb/acre)									More Information
			N	P ₂ O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	B	
Lime History:	1 - Sweetpotato	0.3	60-90	0	100	0	25	0	0	0	0.5	Note: 6 Note: 3
	2 - Corn, grain	0.0	120 - 160	0	60	0	25	0	0	0	0	

Test Results [units - W/V in g/cm ³ ; CEC and Na in meq/100 cm ³ ; NO ₃ -N in mg/dm ³]:																			Soil Class: Mineral	
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO ₃ -N
0.22	1.47	2.5	72	0.7	5.6	203	37	51	14	13	78	64	64	174	174	104	0.1	4		

Sample ID: B2	Recommendations: Crop	Lime (tons/acre)	Nutrients (lb/acre)									More Information
			N	P ₂ O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	B	
Lime History:	1 - Sweetpotato	0.0	60-90	0	20	0	25	0	0	0	0.5	Note: 6 Note: 3
	2 - Corn, grain	0.0	120 - 160	0	20	0	25	0	0	0	0	

Test Results [units - W/V in g/cm ³ ; CEC and Na in meq/100 cm ³ ; NO ₃ -N in mg/dm ³]:																			Soil Class: Mineral	
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO ₃ -N
0.18	1.46	2.2	73	0.6	5.7	122	65	41	17	13	63	55	55	81	81	112	0.1	5		

Sample ID: B3	Recommendations: Lime (tons/acre)												Nutrients (lb/acre)								More Information	
Lime History:	Crop																					
	1 - Sweetpotato	0.3	60-90	0	20	0	25	0	0	0	0	0	0	0	0	0	0	0.5	Note: 6			
	2 - Corn, grain	0.0	120 - 160	0	20	0	25	0	0	0	0	0	0	0	0	0	0	0	Note: 3			
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:												Soil Class: Mineral										
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N		
0.22	1.44	2.4	71	0.7	5.6	174	64	44	14	15	83	67	67	149	149	81	0.1	4				
Sample ID: B4	Recommendations: Lime (tons/acre)												Nutrients (lb/acre)								More Information	
Lime History:	Crop																					
	1 - Sweetpotato	0.0	60-90	0	70	0	25	0	0	0	0	0	0	0	0	0	0.5	Note: 6				
	2 - Corn, grain	0.0	120 - 160	0	50	0	25	0	0	0	0	0	0	0	0	0	0	Note: 3				
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:												Soil Class: Mineral										
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N		
0.22	1.43	2.3	74	0.6	5.7	104	46	48	17	11	59	52	52	116	116	66	0.1	4				
Sample ID: B5	Recommendations: Lime (tons/acre)												Nutrients (lb/acre)								More Information	
Lime History:	Crop																					
	1 - Sweetpotato	0.4	60-90	0	60	25	25	0	0	0	0	0	0	0	0	0	0.5	Note: 6				
	2 - Corn, grain	0.0	120 - 160	0	40	\$	25	0	0	0	0	0	0	0	0	0	0	Note: 3	Note: \$			
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:												Soil Class: Mineral										
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N		
0.22	1.50	1.8	63	0.7	5.4	131	49	37	13	16	78	64	64	81	81	90	0.1	6				
Sample ID: B6	Recommendations: Lime (tons/acre)												Nutrients (lb/acre)								More Information	
Lime History:	Crop																					
	1 - Sweetpotato	0.3	60-90	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	Note: 6				
	2 - Corn, grain	0.0	120 - 160	0	10	0	0	0	0	0	0	0	0	0	0	0	0	Note: 3				
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:												Soil Class: Mineral										
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N		
0.27	1.48	2.2	68	0.7	5.5	134	74	34	17	62	79	64	64	92	92	80	0.1	5				

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Sample ID: B07		Recommendations:		Lime		Nutrients (lb/acre)										More Information							
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn				Zn		Cu		B	
Lime History:		1 - Sweetpotato		0.5		60-90		0		50		0		0				0		0		0.5	
		2 - Soybean		0.0		0		0		30		0		0		0		0		0			
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																				Soil Class: Mineral			
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N			
0.32	1.41	2.8	64	1.0	5.4	135	55	41	13	29	42	42	35	53	53	39	0.1	4					
Sample ID: C1		Recommendations:		Lime		Nutrients (lb/acre)										More Information							
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn				Zn		Cu		B	
Lime History:		1 - Blueberry, M		0.0		30-60		0		10		0		0				0		0		0	
		2 - Blueberry, M		0.0		30-60		0		10		0		0		0		0		0			
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																				Soil Class: Mineral			
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N			
0.71	1.21	6.1	35	3.9	4.1	179	41	23	9	40	26			90	90	50	0.1	2					
Sample ID: E1		Recommendations:		Lime		Nutrients (lb/acre)										More Information							
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn				Zn		Cu		B	
Lime History:		1 - Vegetables, other		0.0		80-100		0		40		0		0				0		0		0	
		2 - Soybean		0.0		0		0		0		0		0		0		0		0			
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																				Soil Class: Mineral			
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N			
0.92	1.30	5.3	78	1.2	5.9	262	91	53	17	36	139	93	93	106	106	91	0.1	2					
Sample ID: E2		Recommendations:		Lime		Nutrients (lb/acre)										More Information							
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn				Zn		Cu		B	
Lime History:		1 - Vegetables, other		0.0		80-100		0		40		0		25				0		0		0	
		2 - Soybean		0.0		0		0		0		0		25		0		0		0			
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																				Soil Class: Mineral			
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N			
0.32	1.30	3.2	75	0.8	5.9	174	86	42	20	20	102	71	71	76	76	52	0.1	3					

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Sample ID: E3		Recommendations:		Lime		Nutrients (lb/acre)										More Information Note: 6 Note: 3									
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn				Zn		Cu		B			
Lime History:		1 - Vegetables, other		0.4		80-100		0		110		0		25				0		0		0			
		2 - Soybean		0.0		0		0		40		0		25				0		0		0			
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																						Soil Class: Mineral			
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N					
0.27	1.36	2.6	67	0.8	5.4	214	49	42	16	20	102	71	71	93	93	59	0.1	4							
Sample ID: E04A		Recommendations:		Lime		Nutrients (lb/acre)										More Information Note: 18 Note: 3									
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn				Zn		Cu		B			
Lime History:		1 - Grape, M		0.4		Note 18		0		60		0		25				0		0		0.5			
		2 - Soybean		0.0		0		0		50		0		25				0		0		0			
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																						Soil Class: Mineral			
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N					
0.18	1.40	3.3	72	0.9	5.6	190	45	44	21	17	52	48	41	189	189	56	0.1	3							
Sample ID: F1		Recommendations:		Lime		Nutrients (lb/acre)										More Information Note: 6 Note: 3									
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn				Zn		Cu		B			
Lime History:		1 - Cantaloupe/Melons		0.3		60-80		0		110		0		0				0		0		1.0			
		2 - Soybean		0.0		0		0		40		0		0				0		0		0			
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																						Soil Class: Mineral			
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N					
0.13	1.41	3.4	75	0.8	5.6	217	53	52	15	84	70	52	52	100	100	65	0.1	3							
Sample ID: F2		Recommendations:		Lime		Nutrients (lb/acre)										More Information Note: 6 Note: 3									
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn				Zn		Cu		B			
Lime History:		1 - Vegetables, other		0.3		80-100		0		140		0		25				0		0		0			
		2 - Soybean		0.0		0		0		60		0		25				0		0		0			
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																						Soil Class: Mineral			
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N					
0.18	1.48	2.2	67	0.7	5.6	225	40	45	13	16	94	66	66	86	86	130	0.1	5							

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Sample ID: F3		Recommendations:		Lime		Nutrients (lb/acre)										More Information Note: 6 Note: 3																									
		Crop		(tons/acre)		N		P2O5		K2O		Mg		S				Mn		Zn		Cu		B																	
		1 - Vegetables, other		0.0		80-100		0		130		0		25				0		0		0		0																	
Lime History: 0.40 tons/acre; 2/2017		2 - Soybean		0.0		0		0		50		0		25		0		0		0		0																			
		Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																		Soil Class: Mineral																					
HM%		W/V		CEC		BS%		Ac		pH		P-I		K-I		Ca%		Mg%		S-I		Mn-I		Mn-AI1		Mn-AI2		Zn-I		Zn-AI		Cu-I		Na		ESP		SS-I		NO3-N	
0.09		1.48		2.3		75		0.6		5.9		145		42		47		19		23		68		51		51		71		71		114		0.1		4					
Sample ID: F4		Recommendations:		Lime		Nutrients (lb/acre)										More Information Note: 6 Note: 3																									
		Crop		(tons/acre)		N		P2O5		K2O		Mg		S				Mn		Zn		Cu		B																	
		1 - Vegetables, other		0.0		80-100		0		160		0		0				0		0		0		0																	
Lime History:		2 - Soybean		0.0		0		0		80		0		0		0		0		0		0																			
		Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																		Soil Class: Mineral																					
HM%		W/V		CEC		BS%		Ac		pH		P-I		K-I		Ca%		Mg%		S-I		Mn-I		Mn-AI1		Mn-AI2		Zn-I		Zn-AI		Cu-I		Na		ESP		SS-I		NO3-N	
0.18		1.50		2.5		78		0.6		6.0		214		31		57		14		32		101		71		71		130		130		240		0.1		4					
Sample ID: F5		Recommendations:		Lime		Nutrients (lb/acre)										More Information Note: 6 Note: 3																									
		Crop		(tons/acre)		N		P2O5		K2O		Mg		S				Mn		Zn		Cu		B																	
		1 - Vegetables, other		0.0		80-100		0		0		0		0				0		0		0		0																	
Lime History:		2 - Soybean		0.0		0		0		0		0		0		0		0		0		0																			
		Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																		Soil Class: Mineral																					
HM%		W/V		CEC		BS%		Ac		pH		P-I		K-I		Ca%		Mg%		S-I		Mn-I		Mn-AI1		Mn-AI2		Zn-I		Zn-AI		Cu-I		Na		ESP		SS-I		NO3-N	
0.46		1.43		4.4		80		0.9		5.8		252		128		49		16		83		117		80		80		101		101		85		0.1		2					
Sample ID: F6		Recommendations:		Lime		Nutrients (lb/acre)										More Information Note: 6 Note: 6																									
		Crop		(tons/acre)		N		P2O5		K2O		Mg		S				Mn		Zn		Cu		B																	
		1 - Sweetpotato		0.0		60-90		0		90		0		0				0		0		0		0.5																	
Lime History:		2 - Sweetpotato		0.0		60-90		0		90		0		0		0		0		0		0.5																			
		Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																		Soil Class: Mineral																					
HM%		W/V		CEC		BS%		Ac		pH		P-I		K-I		Ca%		Mg%		S-I		Mn-I		Mn-AI1		Mn-AI2		Zn-I		Zn-AI		Cu-I		Na		ESP		SS-I		NO3-N	
0.09		1.46		2.6		80		0.5		6.0		173		42		55		17		46		97		75		75		192		192		85		0.1		4					

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Sample ID: F7		Recommendations:		Lime		Nutrients (lb/acre)										More Information Note: 6 Note: 3 Note: \$							
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn				Zn		Cu		B	
Lime History:		1 - Vegetables, other		0.5		80-100		0		120		25		25				0		0		0	
		2 - Soybean		0.0		0		0		50		\$		25		0		0		0			
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																							
Soil Class: Mineral																							
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N			
0.13	1.45	1.8	56	0.8	5.2	161	45	33	10	13	84	60	60	72	72	110	0.1	6					
Sample ID: F8		Recommendations:		Lime		Nutrients (lb/acre)										More Information Note: 6 Note: 3							
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn				Zn		Cu		B	
Lime History:		1 - Vegetables, other		0.0		80-100		0		160		0		25				0		0		0	
		2 - Soybean		0.0		0		0		80		0		25		0		0		0			
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																							
Soil Class: Mineral																							
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N			
0.09	1.48	1.8	69	0.6	5.8	122	30	43	17	10	55	43	43	58	58	58	0.1	6					
Sample ID: F9		Recommendations:		Lime		Nutrients (lb/acre)										More Information Note: 6 Note: 3							
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn				Zn		Cu		B	
Lime History:		1 - Vegetables, other		0.0		80-100		0		20		0		0				0		0		0	
		2 - Soybean		0.0		0		0		0		0		0		0		0		0			
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																							
Soil Class: Mineral																							
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N			
0.41	1.37	4.0	79	0.8	5.9	146	101	50	17	79	108	75	75	79	79	111	0.1	3					
Sample ID: F10		Recommendations:		Lime		Nutrients (lb/acre)										More Information Note: 6 Note: 3							
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn				Zn		Cu		B	
Lime History:		1 - Vegetables, other		0.0		80-100		0		150		0		25				0		0		0	
		2 - Soybean		0.0		0		0		70		0		25		0		0		0			
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																							
Soil Class: Mineral																							
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N			
0.18	1.45	2.2	69	0.7	5.7	161	33	48	13	14	107	74	74	73	73	70	0.1	5					

Sample ID: F11	Recommendations: Crop	Lime (tons/acre)	Nutrients (lb/acre)									More Information
			N	P ₂ O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	B	
Lime History:	1 - Vegetables, other	0.0	80-100	0	60	0	0	0	0	0	0	Note: 6 Note: 3
	2 - Soybean	0.0	0	0	0	0	0	0	0	0	0	

Test Results [units - W/V in g/cm ³ ; CEC and Na in meq/100 cm ³ ; NO ₃ -N in mg/dm ³]:											Soil Class: Mineral									
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO ₃ -N
0.27	1.48	2.5	82	0.4	5.8	187	79	49	18	96	74	54	54	124	124	62	0.1	4		

Sample ID: G01	Recommendations: Crop	Lime (tons/acre)	Nutrients (lb/acre)									More Information
			N	P ₂ O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	B	
Lime History:	1 - Vegetables, other	0.0	80-100	0	30	0	0	0	0	0	0	Note: 6 Note: 3
	2 - Soybean	0.0	0	0	0	0	0	0	0	0	0	

Test Results [units - W/V in g/cm ³ ; CEC and Na in meq/100 cm ³ ; NO ₃ -N in mg/dm ³]:											Soil Class: Mineral									
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO ₃ -N
0.56	1.34	4.0	82	0.7	5.9	223	100	53	16	33	148	99	99	144	144	94	0.1	3		

Sample ID: G02	Recommendations: Crop	Lime (tons/acre)	Nutrients (lb/acre)									More Information
			N	P ₂ O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	B	
Lime History:	1 - Vegetables, other	0.0	80-100	0	10	0	0	0	0	0	0	Note: 6 Note: 3
	2 - Soybean	0.0	0	0	0	0	0	0	0	0	0	

Test Results [units - W/V in g/cm ³ ; CEC and Na in meq/100 cm ³ ; NO ₃ -N in mg/dm ³]:											Soil Class: Mineral									
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO ₃ -N
0.22	1.30	3.3	85	0.5	6.1	139	115	49	19	33	94	65	65	86	86	59	0.1	3		

Sample ID: G03	Recommendations: Crop	Lime (tons/acre)	Nutrients (lb/acre)									More Information
			N	P ₂ O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	B	
Lime History: 0.40 tons/acre; 2/2017	1 - Vegetables, other	0.0	80-100	0	0	0	0	0	0	0	0	Note: 6 Note: 3
	2 - Soybean	0.0	0	0	0	0	0	0	0	0	0	

Test Results [units - W/V in g/cm ³ ; CEC and Na in meq/100 cm ³ ; NO ₃ -N in mg/dm ³]:											Soil Class: Mineral									
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO ₃ -N
0.32	1.32	4.2	88	0.5	6.3	247	141	52	19	27	128	83	83	144	144	102	0.1	2		

Sample ID: G04	Recommendations:		Lime		Nutrients (lb/acre)												More Information			
	Crop	(tons/acre)	N	P2O5	K2O	Mg	S	Mn	Zn	Cu	B									
	Lime History:	1 - Vegetables, other	0.3	80-100	0	160	0	25	0	0	0	0	0	0	0	0	0	Note: 6		
	2 - Corn, grain	0.0	120 - 160	0	80	0	25	0	0	0	0	0	0	0	0	0	0	Note: 3		
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																			Soil Class: Mineral	
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N
0.18	1.48	1.9	69	0.6	5.3	176	31	47	14	16	62	47	54	111	111	51	0.1	5		
Sample ID: G05	Recommendations:		Lime		Nutrients (lb/acre)												More Information			
	Crop	(tons/acre)	N	P2O5	K2O	Mg	S	Mn	Zn	Cu	B									
	Lime History:	1 - Vegetables, other	0.0	80-100	0	110	0	0	0	0	0	0	0	0	0	0	0	0	Note: 6	
	2 - Soybean	0.0	0	0	40	0	0	0	0	0	0	0	0	0	0	0	0	Note: 3		
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																			Soil Class: Mineral	
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N
0.27	1.47	2.5	77	0.6	5.8	192	53	50	17	32	85	61	61	95	95	55	0.1	4		
Sample ID: G06	Recommendations:		Lime		Nutrients (lb/acre)												More Information			
	Crop	(tons/acre)	N	P2O5	K2O	Mg	S	Mn	Zn	Cu	B									
	Lime History:	1 - Switchgrass	0.0	120-160	0	110	0	25	0	0	0	0	0	0	0	0	0	0	Note: 12	
	2 - Switchgrass	0.0	120-160	0	110	0	25	0	0	0	0	0	0	0	0	0	0	Note: 12		
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																			Soil Class: Mineral	
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N
0.13	1.46	1.5	77	0.4	5.8	119	13	52	20	9	34	41	41	50	50	35	0.1	7		
Sample ID: G07	Recommendations:		Lime		Nutrients (lb/acre)												More Information			
	Crop	(tons/acre)	N	P2O5	K2O	Mg	S	Mn	Zn	Cu	B									
	Lime History:	1 - Switchgrass	0.0	120-160	0	90	0	25	0	0	0	0	0	0	0	0	0	0	Note: 12	
	2 - Switchgrass	0.0	120-160	0	90	0	25	0	0	0	0	0	0	0	0	0	0	Note: 12		
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																			Soil Class: Mineral	
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N
0.18	1.44	1.8	67	0.6	5.4	151	20	44	17	14	37	47	47	74	74	39	0.1	6		

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Sample ID: G08		Recommendations:		Lime		Nutrients (lb/acre)														More Information Note: 6 Note: 3																					
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn		Zn		Cu				B																			
Lime History:		1 - Vegetables, other		0.3		80-100		0		150		0		25		0		0				0																			
		2 - Corn, grain		0.0		120 - 160		0		70		0		25		0		0		0																					
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																																									
HM%		W/V		CEC		BS%		Ac		pH		P-I		K-I		Ca%		Mg%		S-I		Mn-I		Mn-AI1		Mn-AI2		Zn-I		Zn-AI		Cu-I		Na		ESP		SS-I		NO3-N	
0.18		1.49		1.9		69		0.6		5.4		157		34		45		15		13		69		51		58		156		156		55		0.1		5					
Sample ID: G09		Recommendations:		Lime		Nutrients (lb/acre)														More Information Note: 6 Note: 3																					
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn		Zn		Cu				B																			
Lime History:		1 - Vegetables, other		0.0		80-100		0		140		0		25		0		0				0																			
		2 - Soybean		0.0		0		0		60		0		25		0		0		0																					
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																																									
HM%		W/V		CEC		BS%		Ac		pH		P-I		K-I		Ca%		Mg%		S-I		Mn-I		Mn-AI1		Mn-AI2		Zn-I		Zn-AI		Cu-I		Na		ESP		SS-I		NO3-N	
0.22		1.49		2.1		71		0.6		5.6		176		37		43		19		10		185		121		121		121		121		48		0.1		5					
Sample ID: G10		Recommendations:		Lime		Nutrients (lb/acre)														More Information Note: 6 Note: 3 Note: \$																					
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn		Zn		Cu				B																			
Lime History:		1 - Vegetables, other		0.3		80-100		0		190		25		25		0		0				0																			
		2 - Soybean		0.0		0		0		100		\$		25		0		0		0																					
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																																									
HM%		W/V		CEC		BS%		Ac		pH		P-I		K-I		Ca%		Mg%		S-I		Mn-I		Mn-AI1		Mn-AI2		Zn-I		Zn-AI		Cu-I		Na		ESP		SS-I		NO3-N	
0.18		1.49		1.5		62		0.6		5.3		160		18		40		16		9		137		92		92		100		100		47		0.1		7					
Sample ID: G11		Recommendations:		Lime		Nutrients (lb/acre)														More Information Note: 11 Note: 11																					
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn		Zn		Cu				B																			
Lime History:		1 - Hardwood, M		0.0		80-120		0		0		0				0		0				0																			
		2 - Hardwood, M		0.0		80-120		0		0		0				0		0		0																					
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																																									
HM%		W/V		CEC		BS%		Ac		pH		P-I		K-I		Ca%		Mg%		S-I		Mn-I		Mn-AI1		Mn-AI2		Zn-I		Zn-AI		Cu-I		Na		ESP		SS-I		NO3-N	
0.09		1.39		2.2		76		0.5		5.6		66		46		44		22		17		31						39		39		31		0.1		5					

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Sample ID: G12		Recommendations:		Lime		Nutrients (lb/acre)														More Information Note: 11 Note: 11			
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn		Zn		Cu				B	
Lime History:		1 - Hardwood, M		0.0		80-120		0		0		0				0		0				0	
		2 - Hardwood, M		0.0		80-120		0		0		0				0		0		0			
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:										Soil Class: Mineral													
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-I	Na	ESP	SS-I	NO3-N			
0.18	1.38	2.9	80	0.6	6.1	129	60	49	21	17	57			96	96	38	0.1	3					
Sample ID: H02		Recommendations:		Lime		Nutrients (lb/1000 sq ft)														More Information			
Crop		(lb/1000 sq ft)		N		P2O5		K2O		Mg		S		Mn		Zn		Cu				B	
Lime History:		1 - Plant bed, vegetable		0.0																		0	
		2 - Plant bed, vegetable		0.0																0			
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:										Soil Class: Mineral													
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-I	Na	ESP	SS-I	NO3-N			
0.18	1.48	2.7	79	0.6	6.1	278	31	54	19	12	133			341	341	246	0.1	4					
Sample ID: H03		Recommendations:		Lime		Nutrients (lb/1000 sq ft)														More Information			
Crop		(lb/1000 sq ft)		N		P2O5		K2O		Mg		S		Mn		Zn		Cu				B	
Lime History:		1 - Plant bed, vegetable		0.0																		0	
		2 - Plant bed, vegetable		0.0																0			
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:										Soil Class: Mineral													
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-I	Na	ESP	SS-I	NO3-N			
0.13	1.49	1.7	70	0.5	5.9	148	20	46	18	8	87			91	91	56	0.1	6					
Sample ID: H04		Recommendations:		Lime		Nutrients (lb/1000 sq ft)														More Information			
Crop		(lb/1000 sq ft)		N		P2O5		K2O		Mg		S		Mn		Zn		Cu				B	
Lime History:		1 - Plant bed, vegetable		0.0																		0	
		2 - Plant bed, vegetable		0.0																0			
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:										Soil Class: Mineral													
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-I	Na	ESP	SS-I	NO3-N			
0.18	1.52	1.7	68	0.6	5.8	150	18	45	17	8	112			85	85	51	0.1	6					

Sample ID: H05	Recommendations:	Lime	Nutrients (lb/1000 sq ft)									More Information
	Crop	(lb/1000 sq ft)	N	P2O5	K2O	Mg	S	Mn	Zn	Cu	B	
	Lime History:	1 - Plant bed, vegetable	15.0								0	
		2 - Plant bed, vegetable	0.0								0	

Test Results [units - W/V in g/cm ³ ; CEC and Na in meq/100 cm ³ ; NO ₃ -N in mg/dm ³]:												Soil Class: Mineral								
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO ₃ -N
0.18	1.50	1.5	54	0.7	5.3	148	24	33	13	11	89			58	58	50	0.1	7		

Sample ID: K01	Recommendations:	Lime	Nutrients (lb/acre)									More
	Crop	(tons/acre)	N	P2O5	K2O	Mg	S	Mn	Zn	Cu	B	Information
Lime History:	1 - Vegetables, other	0.5	80-100	0	90	0	0	0	0	0	0	Note: 6
	2 - Soybean	0.0	0	0	30	0	0	0	0	0	0	Note: 3

Test Results [units - W/V in g/cm ³ ; CEC and Na in meq/100 cm ³ ; NO ₃ -N in mg/dm ³]:													Soil Class: Mineral							
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO ₃ -N
0.27	1.36	2.6	65	0.9	5.4	180	60	40	13	41	81	59	59	83	83	81	0.1	4		

Sample ID: K02	Recommendations:	Lime	Nutrients (lb/acre)									More
	Crop	(tons/acre)	N	P2O5	K2O	Mg	S	Mn	Zn	Cu	B	Information
	Lime History:	1 - Vegetables, other	0.4	80-100	0	60	0	25	0	0	0	Note: 6
		2 - Soybean	0.0	0	0	10	0	25	0	0	0	Note: 3

Test Results [units - W/V in g/cm ³ ; CEC and Na in meq/100 cm ³ ; NO ₃ -N in mg/dm ³]:													Soil Class: Mineral							
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO ₃ -N
0.46	1.34	3.6	70	1.1	5.6	237	74	45	15	23	117	80	80	73	73	112	0.1	3		

Sample ID: K03	Recommendations:	Lime	Nutrients (lb/acre)								More	
	Crop	(tons/acre)	N	P2O5	K2O	Mg	S	Mn	Zn	Cu	B	Information
	Lime History:	1 - Vegetables, other	0.0	80-100	0	100	0	25	0	0	0	Note: 6
		2 - Soybean	0.0	0	0	40	0	25	0	0	0	Note: 3

Test Results [units - W/V in g/cm ³ ; CEC and Na in meq/100 cm ³ ; NO ₃ -N in mg/dm ³]:													Soil Class: Mineral							
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO ₃ -N
0.27	1.36	3.0	78	0.7	6.1	162	54	47	22	15	86	60	60	80	80	79	0.1	3		

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Sample ID: K08		Recommendations:		Lime		Nutrients (lb/acre)										More Information Note: 6 Note: 3																									
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn				Zn		Cu		B																			
Lime History:		1 - Vegetables, other		0.0		80-100		0		60		0		0				0		0		0																			
		2 - Soybean		0.0		0		0		10		0		0				0		0		0																			
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																				Soil Class: Mineral																					
HM%		W/V		CEC		BS%		Ac		pH		P-I		K-I		Ca%		Mg%		S-I		Mn-I		Mn-AI1		Mn-AI2		Zn-I		Zn-AI		Cu-I		Na		ESP		SS-I		NO3-N	
0.22		1.39		3.3		78		0.7		5.8		236		74		50		17		29		81		59		59		153		153		67		0.1		3					
Sample ID: K09		Recommendations:		Lime		Nutrients (lb/acre)										More Information Note: 6 Note: 3																									
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn				Zn		Cu		B																			
Lime History:		1 - Vegetables, other		0.0		80-100		0		40		0		0				0		0		0																			
		2 - Soybean		0.0		0		0		0		0		0				0		0		0																			
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																				Soil Class: Mineral																					
HM%		W/V		CEC		BS%		Ac		pH		P-I		K-I		Ca%		Mg%		S-I		Mn-I		Mn-AI1		Mn-AI2		Zn-I		Zn-AI		Cu-I		Na		ESP		SS-I		NO3-N	
0.13		1.32		3.2		80		0.6		6.0		135		87		48		18		26		61		46		46		90		90		63		0.1		3					
Sample ID: K10		Recommendations:		Lime		Nutrients (lb/acre)										More Information Note: 6 Note: 3																									
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn				Zn		Cu		B																			
Lime History:		1 - Vegetables, other		0.5		80-100		0		110		0		25				0		0		0																			
		2 - Soybean		0.0		0		0		40		0		25				0		0		0																			
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																				Soil Class: Mineral																					
HM%		W/V		CEC		BS%		Ac		pH		P-I		K-I		Ca%		Mg%		S-I		Mn-I		Mn-AI1		Mn-AI2		Zn-I		Zn-AI		Cu-I		Na		ESP		SS-I		NO3-N	
0.36		1.32		2.9		67		1.0		5.4		227		52		43		15		23		107		74		74		128		128		127		0.1		3					
Sample ID: K11		Recommendations:		Lime		Nutrients (lb/acre)										More Information Note: 6 Note: 3																									
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn				Zn		Cu		B																			
Lime History:		1 - Vegetables, other		0.4		80-100		0		50		0		25				0		0		0																			
		2 - Soybean		0.0		0		0		0		0		25				0		0		0																			
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																				Soil Class: Mineral																					
HM%		W/V		CEC		BS%		Ac		pH		P-I		K-I		Ca%		Mg%		S-I		Mn-I		Mn-AI1		Mn-AI2		Zn-I		Zn-AI		Cu-I		Na		ESP		SS-I		NO3-N	
0.56		1.31		3.7		70		1.1		5.6		227		83		44		15		25		143		96		96		122		122		129		0.1		3					

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Sample ID: K12		Recommendations:		Lime		Nutrients (lb/acre)										More							
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn		Zn		Cu		B		Information	
Lime History:		1 - Vegetables, other		0.4		80-100		0		60		0		25		0		0		0		Note: 6	
		2 - Soybean		0.0		0		0		10		0		25		0		0		0		Note: 3	
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:															Soil Class: Mineral								
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N			
0.46	1.35	3.1	69	1.0	5.6	185	77	40	17	23	108	75	75	93	93	117	0.1	3					
Sample ID: K13		Recommendations:		Lime		Nutrients (lb/acre)										More							
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn		Zn		Cu		B		Information	
Lime History:		1 - Vegetables, other		0.0		80-100		0		50		0		25		0		0		0		Note: 6	
		2 - Soybean		0.0		0		0		0		0		25		0		0		0		Note: 3	
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:															Soil Class: Mineral								
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N			
0.41	1.34	3.7	76	0.9	5.8	180	81	47	18	25	118	81	81	98	98	110	0.1	3					
Sample ID: K14		Recommendations:		Lime		Nutrients (lb/acre)										More							
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn		Zn		Cu		B		Information	
Lime History:		1 - Vegetables, other		0.0		80-100		0		60		0		0		0		0		0		Note: 6	
0.30 tons/acre; 2/2017		2 - Soybean		0.0		0		0		10		0		0		0		0		0		Note: 3	
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:															Soil Class: Mineral								
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N			
0.41	1.40	3.7	76	0.9	5.9	220	75	51	15	27	115	79	79	96	96	115	0.1	3					
Sample ID: K15		Recommendations:		Lime		Nutrients (lb/acre)										More							
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn		Zn		Cu		B		Information	
Lime History:		1 - Vegetables, other		0.0		80-100		0		80		0		0		0		0		0		Note: 6	
		2 - Soybean		0.0		0		0		20		0		0		0		0		0		Note: 3	
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:															Soil Class: Mineral								
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N			
0.32	1.41	3.2	75	0.8	5.9	230	64	52	13	28	108	75	75	110	110	127	0.1	3					

Sample ID: K16	Recommendations: Crop	Lime (tons/acre)	Nutrients (lb/acre)									More Information
			N	P ₂ O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	B	
Lime History:	1 - Vegetables, other	0.3	80-100	30	40	0	0	0	0	0	0	Note: 6 Note: 3
	2 - Soybean	0.0	0	0	0	0	0	0	0	0	0	

Test Results [units - W/V in g/cm ³ ; CEC and Na in meq/100 cm ³ ; NO ₃ -N in mg/dm ³]:												Soil Class: Mineral								
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO ₃ -N
0.13	1.36	3.3	73	0.9	5.7	97	92	39	20	38	62	47	47	58	58	79	0.1	3		

Sample ID: K17	Recommendations: Crop	Lime (tons/acre)	Nutrients (lb/acre)									More Information
			N	P ₂ O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	B	
Lime History:	1 - Vegetables, other	0.3	80-100	0	20	0	25	0	0	0	0	Note: 6 Note: 3
	2 - Soybean	0.0	0	0	0	0	25	0	0	0	0	

Test Results [units - W/V in g/cm ³ ; CEC and Na in meq/100 cm ³ ; NO ₃ -N in mg/dm ³]:													Soil Class: Mineral							
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO ₃ -N
0.27	1.30	4.1	75	1.0	5.8	130	108	41	21	23	73	54	54	67	67	99	0.1	2		

Sample ID: K18	Recommendations: Crop	Lime (tons/acre)	Nutrients (lb/acre)									More Information
			N	P ₂ O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	B	
Lime History:	1 - Vegetables, other	0.3	80-100	70	50	0	0	0	0	0	0	Note: 6 Note: 3
	2 - Soybean	0.0	0	0	0	0	0	0	0	0	0	

Test Results [units - W/V in g/cm ³ ; CEC and Na in meq/100 cm ³ ; NO ₃ -N in mg/dm ³]:												Soil Class:		Mineral						
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO ₃ -N
0.27	1.32	4.0	74	1.0	5.7	71	83	41	23	38	52	41	41	39	39	72	0.1	3		

Sample ID: K20	Recommendations: Crop	Lime (tons/acre)	Nutrients (lb/acre)									More Information
			N	P ₂ O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	B	
Lime History: 0.30 tons/acre; 2/2017	1 - Vegetables, other	0.0	80-100	0	60	0	0	0	0	0	0	Note: 6 Note: 3
	2 - Soybean	0.0	0	0	10	0	0	0	0	0	0	

Test Results [units - W/V in g/cm ³ ; CEC and Na in meq/100 cm ³ ; NO ₃ -N in mg/dm ³]:												Soil Class: Mineral								
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO ₃ -N
0.41	1.33	3.3	77	0.8	5.7	174	77	46	19	40	86	62	62	67	67	99	0.1	3		

Sample ID: K21	Recommendations: Crop	Lime (tons/acre)	Nutrients (lb/acre)									More Information
			N	P ₂ O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	B	
Lime History:	1 - Vegetables, other	0.3	80-100	10	30	0	0	0	0	0	0	Note: 6 Note: 3
	2 - Soybean	0.0	0	0	0	0	0	0	0	0	0	

Test Results [units - W/V in g/cm ³ ; CEC and Na in meq/100 cm ³ ; NO ₃ -N in mg/dm ³]:																			Soil Class: Mineral	
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO ₃ -N
0.32	1.31	3.3	75	0.8	5.6	114	93	41	19	37	75	55	55	60	60	81	0.1	3		

Sample ID: K22	Recommendations: Crop	Lime (tons/acre)	Nutrients (lb/acre)									More Information
			N	P ₂ O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	B	
Lime History:	1 - Vegetables, other	0.3	80-100	0	80	0	0	0	0	0	0	Note: 6 Note: 3
	2 - Soybean	0.0	0	0	20	0	0	0	0	0	0	

Test Results [units - W/V in g/cm ³ ; CEC and Na in meq/100 cm ³ ; NO ₃ -N in mg/dm ³]:																			Soil Class: Mineral	
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO ₃ -N
0.60	1.39	3.4	75	0.8	5.7	231	68	48	17	28	115	79	79	92	92	82	0.1	3		

Sample ID: K23	Recommendations: Crop	Lime (tons/acre)	Nutrients (lb/acre)									More Information
			N	P ₂ O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	B	
Lime History:	1 - Vegetables, other	0.0	80-100	0	40	0	0	0	0	0	0	Note: 6 Note: 3
	2 - Soybean	0.0	0	0	0	0	0	0	0	0	0	

Test Results [units - W/V in g/cm ³ ; CEC and Na in meq/100 cm ³ ; NO ₃ -N in mg/dm ³]:																			Soil Class: Mineral	
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO ₃ -N
0.46	1.35	3.3	78	0.7	5.9	247	89	48	16	29	111	77	77	105	105	113	0.1	3		

Sample ID: K24	Recommendations: Crop	Lime (tons/acre)	Nutrients (lb/acre)									More Information
			N	P ₂ O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	B	
Lime History:	1 - Vegetables, other	0.0	80-100	0	40	0	0	0	0	0	0	Note: 6 Note: 3
	2 - Soybean	0.0	0	0	0	0	0	0	0	0	0	

Test Results [units - W/V in g/cm ³ ; CEC and Na in meq/100 cm ³ ; NO ₃ -N in mg/dm ³]:																			Soil Class: Mineral	
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO ₃ -N
0.27	1.35	2.7	77	0.6	5.9	187	87	44	17	28	75	55	55	73	73	91	0.1	4		

Sample ID: K25	Recommendations:	Lime	Nutrients (lb/acre)									More Information
	Crop	(tons/acre)	N	P ₂ O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	B	
	1 - Vegetables, other	0.0	80-100	100	30	0	0	0	0	0	0	
	2 - Soybean	0.0	0	20	0	0	0	0	0	0	0	

Test Results [units - W/V in g/cm ³ ; CEC and Na in meq/100 cm ³ ; NO ₃ -N in mg/dm ³]:																			Soil Class: Mineral	
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-I	Na	ESP	SS-I	NO ₃ -N
0.18	1.29	3.4	79	0.7	5.8	55	96	41	24	27	44	36	36	38	38	63	0.1	3		

Sample ID: K26	Recommendations:	Lime	Nutrients (lb/acre)									More Information
	Crop	(tons/acre)	N	P ₂ O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	B	
	1 - Vegetables, other	0.0	80-100	0	20	0	0	0	0	0	0	
	2 - Soybean	0.0	0	0	0	0	0	0	0	0	0	

Test Results [units - W/V in g/cm ³ ; CEC and Na in meq/100 cm ³ ; NO ₃ -N in mg/dm ³]:																			Soil Class: Mineral	
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-I	Na	ESP	SS-I	NO ₃ -N
0.71	1.29	5.3	80	1.0	5.9	146	108	50	21	34	89	63	63	94	94	96	0.1	2		

Sample ID: K27	Recommendations:	Lime	Nutrients (lb/acre)									More Information
	Crop	(tons/acre)	N	P ₂ O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	B	
	1 - Vegetables, other	0.3	80-100	0	40	0	0	0	0	0	0	
	2 - Soybean	0.0	0	0	0	0	0	0	0	0	0	

Test Results [units - W/V in g/cm ³ ; CEC and Na in meq/100 cm ³ ; NO ₃ -N in mg/dm ³]:																			Soil Class: Mineral	
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-I	Na	ESP	SS-I	NO ₃ -N
0.86	1.27	5.5	78	1.2	5.8	180	92	51	19	35	78	57	57	69	69	81	0.1	2		

Sample ID: L1	Recommendations:	Lime	Nutrients (lb/acre)									More Information
	Crop	(tons/acre)	N	P ₂ O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	B	
	1 - Vegetables, other	0.5	80-100	0	140	0	0	0	0	0	0	
	2 - Soybean	0.0	0	0	60	0	0	0	0	0	0	

Test Results [units - W/V in g/cm ³ ; CEC and Na in meq/100 cm ³ ; NO ₃ -N in mg/dm ³]:																			Soil Class: Mineral	
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-I	Na	ESP	SS-I	NO ₃ -N
0.36	1.48	2.3	60	0.9	5.3	256	38	38	14	26	72	53	53	65	65	49	0.1	4		

Sample ID: L2	Recommendations: Crop	Lime (tons/acre)	Nutrients (lb/acre)									More Information
			N	P ₂ O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	B	
Lime History:	1 - Vegetables, other	0.4	80-100	0	160	0	25	0	0	0	0	Note: 6 Note: 3
	2 - Soybean	0.0	0	0	80	0	25	0	0	0	0	

Test Results [units - W/V in g/cm ³ ; CEC and Na in meq/100 cm ³ ; NO ₃ -N in mg/dm ³]:												Soil Class: Mineral								
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-I	Na	ESP	SS-I	NO ₃ -N
0.36	1.50	2.1	60	0.8	5.4	275	30	38	14	4	67	50	50	50	50	46	0.1	5		

Sample ID: L4A	Recommendations: Crop	Lime (tons/acre)	Nutrients (lb/acre)									More Information
			N	P ₂ O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	B	
Lime History:	1 - Vegetables, other	0.5	80-100	90	70	0	0	0	0	0	0	Note: 6 Note: 3
	2 - Soybean	0.0	0	10	10	0	0	0	0	0	0	

Test Results [units - W/V in g/cm ³ ; CEC and Na in meq/100 cm ³ ; NO ₃ -N in mg/dm ³]:													Soil Class:		Mineral						
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-I	Na	ESP	SS-I	NO ₃ -N	
0.18	1.33	4.9	80	1.0	5.5	61	70	45	27	31	48	39	39	53	53	45	0.1	2			

Sample ID: L4B	Recommendations: Crop	Lime (tons/acre)	Nutrients (lb/acre)									More Information
			N	P ₂ O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	B	
Lime History:	1 - Vegetables, other	0.0	80-100	0	170	0	0	pH\$	0	0	0	Note: 6 Note: \$ Note: 3 Note: \$
	2 - Soybean	0.0	0	0	90	0	0	pH\$	0	0	0	

Test Results [units - W/V in g/cm ³ ; CEC and Na in meq/100 cm ³ ; NO ₃ -N in mg/dm ³]:													Soil Class: Mineral							
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-I	Na	ESP	SS-I	NO ₃ -N
0.22	1.44	4.5	91	0.4	6.6	271	26	73	15	30	91	56	56	185	185	67	0.1	2		

Sample ID: M1	Recommendations: Crop	Lime (tons/acre)	Nutrients (lb/acre)									More Information
			N	P ₂ O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	B	
Lime History:	1 - Vegetables, other	0.0	80-100	0	160	0	25	0	0	0	0	Note: 6 Note: 3
	2 - Soybean	0.0	0	0	80	0	25	0	0	0	0	

Test Results [units - W/V in g/cm ³ ; CEC and Na in meq/100 cm ³ ; NO ₃ -N in mg/dm ³]:													Soil Class: Mineral							
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-I	Na	ESP	SS-I	NO ₃ -N
0.36	1.49	2.2	67	0.7	5.8	210	29	43	17	25	75	55	55	91	91	60	0.1	5		

Sample ID: M2	Recommendations:		Lime		Nutrients (lb/acre)												More Information			
	Crop		(tons/acre)		N	P2O5	K2O	Mg	S	Mn	Zn	Cu	B							
	Lime History:	1 - Vegetables, other	0.4	80-100	0	110	0	0	0	0	0	0	0	0	0	0	0	0	Note: 6	
0.40 tons/acre; 2/2017	2 - Soybean	0.0	0	0	40	0	0	0	0	0	0	0	0	0	0	0	0	Note: 3		
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																			Soil Class: Mineral	
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N
0.51	1.43	2.7	61	1.0	5.5	240	52	39	12	30	97	68	68	129	129	92	0.1	4		
Sample ID: M3	Recommendations:		Lime		Nutrients (lb/acre)												More Information			
	Crop		(tons/acre)		N	P2O5	K2O	Mg	S	Mn	Zn	Cu	B							
	Lime History:	1 - Vegetables, other	0.4	80-100	0	90	0	25	0	0	0	0	0	0	0	0	0	0	Note: 6	
0.30 tons/acre; 2/2017	2 - Soybean	0.0	0	0	30	0	25	0	0	0	0	0	0	0	0	0	0	Note: 3		
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																			Soil Class: Mineral	
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N
0.32	1.38	2.3	61	0.9	5.4	207	61	34	14	7	79	57	57	137	137	66	0.1	4		
Sample ID: M5	Recommendations:		Lime		Nutrients (lb/acre)												More Information			
	Crop		(tons/acre)		N	P2O5	K2O	Mg	S	Mn	Zn	Cu	B							
	Lime History:	1 - Vegetables, other	0.3	80-100	0	60	0	0	0	0	0	0	0	0	0	0	0	0	Note: 6	
	2 - Soybean	0.0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	Note: 3		
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																			Soil Class: Mineral	
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N
0.56	1.42	3.3	69	1.0	5.7	224	77	45	13	45	102	71	71	144	144	95	0.1	3		
Sample ID: M6	Recommendations:		Lime		Nutrients (lb/acre)												More Information			
	Crop		(tons/acre)		N	P2O5	K2O	Mg	S	Mn	Zn	Cu	B							
	Lime History:	1 - Vegetables, other	0.0	80-100	0	90	0	0	0	0	0	0	0	0	0	0	0	0	Note: 6	
	2 - Soybean	0.0	0	0	20	0	0	0	0	0	0	0	0	0	0	0	0	Note: 3		
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																			Soil Class: Mineral	
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N
0.36	1.45	2.6	70	0.8	5.8	141	62	43	15	32	73	54	54	106	106	67	0.1	4		

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Sample ID: M7		Recommendations:		Lime		Nutrients (lb/acre)												More Information Note: 6 Note: 3					
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn		Zn				Cu		B	
Lime History:		1 - Vegetables, other		0.6		80-100		0		160		0		25		0				0		0	
		2 - Soybean		0.0		0		0		80		0		25		0		0		0			
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																							
Soil Class: Mineral																							
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N			
0.51	1.46	2.5	56	1.1	5.3	253	29	39	12	7	74	54	54	106	106	70	0.1	4					
Sample ID: M8		Recommendations:		Lime		Nutrients (lb/acre)												More Information Note: 6 Note: 3					
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn		Zn				Cu		B	
Lime History:		1 - Vegetables, other		0.0		80-100		0		70		0		0		0				0		0	
		2 - Soybean		0.0		0		0		10		0		0		0		0		0			
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																							
Soil Class: Mineral																							
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N			
0.27	1.42	2.5	74	0.6	6.0	167	72	43	17	27	85	60	60	114	114	90	0.1	4					
Sample ID: M9		Recommendations:		Lime		Nutrients (lb/acre)												More Information Note: 6 Note: 3					
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn		Zn				Cu		B	
Lime History:		1 - Vegetables, other		0.0		80-100		0		80		0		0		0				0		0	
		2 - Soybean		0.0		0		0		20		0		0		0		0		0			
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																							
Soil Class: Mineral																							
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N			
0.22	1.44	2.5	72	0.7	6.0	149	67	42	16	28	72	53	53	85	85	56	0.1	4					
Sample ID: M11		Recommendations:		Lime		Nutrients (lb/acre)												More Information Note: 6 Note: 3					
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn		Zn				Cu		B	
Lime History:		1 - Vegetables, other		0.0		80-100		0		10		0		0		0				0		0	
		2 - Soybean		0.0		0		0		0		0		0		0		0		0			
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																							
Soil Class: Mineral																							
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N			
0.27	1.39	3.4	79	0.7	6.1	162	109	45	17	36	70	50	50	71	71	84	0.1	3					

Sample ID: M12	Recommendations: Crop	Lime (tons/acre)	Nutrients (lb/acre)									More Information
			N	P ₂ O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	B	
Lime History:	1 - Vegetables, other	0.0	80-100	0	10	0	0	0	0	0	0	Note: 6 Note: 3
	2 - Soybean	0.0	0	0	0	0	0	0	0	0	0	

Test Results [units - W/V in g/cm ³ ; CEC and Na in meq/100 cm ³ ; NO ₃ -N in mg/dm ³]:												Soil Class: Mineral								
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO ₃ -N
0.22	1.39	3.1	77	0.7	6.1	149	109	43	17	43	70	51	51	88	88	69	0.1	3		

Sample ID: M14	Recommendations: Crop	Lime (tons/acre)	Nutrients (lb/acre)									More Information
			N	P ₂ O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	B	
Lime History:	1 - Vegetables, other	0.0	80-100	0	0	0	0	0	0	0	0	Note: 6 Note: 3
	2 - Soybean	0.0	0	0	0	0	0	0	0	0	0	

Test Results [units - W/V in g/cm ³ ; CEC and Na in meq/100 cm ³ ; NO ₃ -N in mg/dm ³]:												Soil Class: Mineral								
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO ₃ -N
1.19	1.32	6.2	83	1.1	6.1	277	209	49	17	106	104	71	71	98	98	99	0.1	2		

Sample ID: M15	Recommendations: Crop	Lime (tons/acre)	Nutrients (lb/acre)									More Information
			N	P ₂ O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	B	
Lime History:	1 - Vegetables, other	0.0	80-100	0	20	0	0	0	0	0	0	Note: 6 Note: 3
	2 - Soybean	0.0	0	0	0	0	0	0	0	0	0	

Test Results [units - W/V in g/cm ³ ; CEC and Na in meq/100 cm ³ ; NO ₃ -N in mg/dm ³]:												Soil Class: Mineral								
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO ₃ -N
0.27	1.36	3.5	78	0.8	6.0	135	104	45	18	39	74	54	54	78	78	71	0.1	3		

Sample ID: N02	Recommendations: Crop	Lime (tons/acre)	Nutrients (lb/acre)									More Information
			N	P ₂ O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	B	
Lime History:	1 - Vegetables, other	0.3	80-100	60	40	0	0	0	0	0	0	Note: 6 Note: 3
	2 - Soybean	0.0	0	0	0	0	0	0	0	0	0	

Test Results [units - W/V in g/cm ³ ; CEC and Na in meq/100 cm ³ ; NO ₃ -N in mg/dm ³]:												Soil Class: Mineral								
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO ₃ -N
0.09	1.30	2.8	73	0.8	5.7	75	86	37	20	27	57	44	44	37	37	60	0.1	4		

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Sample ID: N03		Recommendations:		Lime		Nutrients (lb/acre)										More Information Note: 6 Note: 3							
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn				Zn		Cu		B	
Lime History:		1 - Vegetables, other		0.0		80-100		0		60		0		0				0		0		0	
		2 - Soybean		0.0		0		0		0		0		0		0		0		0			
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																							
Soil Class: Mineral																							
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N			
0.22	1.39	2.9	80	0.6	6.2	178	79	46	20	28	76	52	52	141	141	102	0.1	3					
Sample ID: N04		Recommendations:		Lime		Nutrients (lb/acre)										More Information Note: 6 Note: 3							
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn				Zn		Cu		B	
Lime History:		1 - Vegetables, other		0.0		80-100		0		90		0		0				0		0		0	
		2 - Soybean		0.0		0		0		30		0		0		0		0		0			
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																							
Soil Class: Mineral																							
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N			
0.18	1.37	2.8	76	0.7	6.1	179	59	47	19	27	73	53	53	71	71	103	0.1	4					
Sample ID: N05		Recommendations:		Lime		Nutrients (lb/acre)										More Information Note: 6 Note: 3							
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn				Zn		Cu		B	
Lime History:		1 - Vegetables, other		0.0		80-100		0		80		0		0				0		0		0	
		2 - Soybean		0.0		0		0		20		0		0		0		0		0			
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																							
Soil Class: Mineral																							
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N			
0.13	1.37	2.8	78	0.6	6.2	142	65	47	20	26	49	37	37	66	66	69	0.1	4					
Sample ID: N06		Recommendations:		Lime		Nutrients (lb/acre)										More Information Note: 6 Note: 3							
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn				Zn		Cu		B	
Lime History:		1 - Vegetables, other		0.0		80-100		0		30		0		0				0		0		0	
0.30 tons/acre; 2/2017		2 - Soybean		0.0		0		0		0		0		0		0		0		0			
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																							
Soil Class: Mineral																							
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N			
0.32	1.33	3.4	79	0.7	6.1	158	96	45	20	33	76	54	54	79	79	107	0.1	3					

Sample ID: N07	Recommendations: Crop	Lime (tons/acre)	Nutrients (lb/acre)									More Information
			N	P ₂ O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	B	
Lime History:	1 - Vegetables, other	0.4	80-100	0	10	0	0	0	0	0	0	Note: 6 Note: 3
	2 - Soybean	0.0	0	0	0	0	0	0	0	0	0	

Test Results [units - W/V in g/cm ³ ; CEC and Na in meq/100 cm ³ ; NO ₃ -N in mg/dm ³]:																			Soil Class: Mineral	
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO ₃ -N
0.41	1.30	4.0	72	1.1	5.7	148	113	40	19	26	67	50	50	90	90	113	0.1	3		

Sample ID: N10	Recommendations: Crop	Lime (tons/acre)	Nutrients (lb/acre)									More Information
			N	P ₂ O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	B	
Lime History: 0.40 tons/acre; 2/2017	1 - Vegetables, other	0.0	80-100	0	100	0	25	0	0	0	0	Note: 6 Note: 3
	2 - Soybean	0.0	0	0	30	0	25	0	0	0	0	

Test Results [units - W/V in g/cm ³ ; CEC and Na in meq/100 cm ³ ; NO ₃ -N in mg/dm ³]:																			Soil Class: Mineral	
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO ₃ -N
0.22	1.38	2.4	75	0.6	6.0	158	55	42	21	6	63	48	48	71	71	116	0.1	4		

Sample ID: N11	Recommendations: Crop	Lime (tons/acre)	Nutrients (lb/acre)									More Information
			N	P ₂ O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	B	
Lime History:	1 - Vegetables, other	0.0	80-100	0	90	0	25	0	0	0	0	Note: 6 Note: 3
	2 - Soybean	0.0	0	0	20	0	25	0	0	0	0	

Test Results [units - W/V in g/cm ³ ; CEC and Na in meq/100 cm ³ ; NO ₃ -N in mg/dm ³]:																			Soil Class: Mineral	
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO ₃ -N
0.27	1.40	3.1	80	0.6	6.2	211	62	50	19	6	89	60	60	97	97	173	0.1	3		

Sample ID: N12	Recommendations: Crop	Lime (tons/acre)	Nutrients (lb/acre)									More Information
			N	P ₂ O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	B	
Lime History:	1 - Vegetables, other	0.4	80-100	0	50	0	0	0	0	0	0	Note: 6 Note: 3
	2 - Soybean	0.0	0	0	0	0	0	0	0	0	0	

Test Results [units - W/V in g/cm ³ ; CEC and Na in meq/100 cm ³ ; NO ₃ -N in mg/dm ³]:																			Soil Class: Mineral	
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO ₃ -N
0.27	1.35	3.0	68	1.0	5.6	153	80	37	17	47	54	42	42	50	50	84	0.1	3		

Sample ID: N13	Recommendations:		Lime		Nutrients (lb/acre)												More Information			
	Crop		(tons/acre)		N	P2O5	K2O	Mg	S	Mn	Zn	Cu	B							
	Lime History:	1 - Vegetables, other	0.4	80-100	80	0	0	0	0	0	0	0	0	0	0	0	0	0	Note: 6	
0.40 tons/acre; 2/2017	2 - Soybean	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Note: 3		
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																			Soil Class: Mineral	
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N
0.18	1.26	4.7	74	1.2	5.7	64	170	35	21	85	50	40	40	27	27	93	0.1	2		
Sample ID: N14	Recommendations:		Lime		Nutrients (lb/acre)												More Information			
	Crop		(tons/acre)		N	P2O5	K2O	Mg	S	Mn	Zn	Cu	B							
	Lime History:	1 - Vegetables, other	0.0	80-100	30	10	0	0	0	0	0	0	0	0	0	0	0	0	Note: 6	
	2 - Soybean	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Note: 3		
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																			Soil Class: Mineral	
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N
0.27	1.29	4.2	80	0.8	6.1	99	111	44	23	31	52	39	39	43	43	95	0.1	2		
Sample ID: N15	Recommendations:		Lime		Nutrients (lb/acre)												More Information			
	Crop		(tons/acre)		N	P2O5	K2O	Mg	S	Mn	Zn	Cu	B							
	Lime History:	1 - Vegetables, other	0.0	80-100	0	20	0	0	0	0	0	0	0	0	0	0	0	0	Note: 6	
	2 - Soybean	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Note: 3		
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																			Soil Class: Mineral	
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N
0.36	1.33	3.8	81	0.7	6.0	176	108	46	21	29	56	43	43	64	64	84	0.1	3		
Sample ID: N17	Recommendations:		Lime		Nutrients (lb/acre)												More Information			
	Crop		(tons/acre)		N	P2O5	K2O	Mg	S	Mn	Zn	Cu	B							
	Lime History:	1 - Vegetables, other	0.0	80-100	0	70	0	25	0	0	0	0	0	0	0	0	0	0	Note: 6	
0.30 tons/acre; 2/2017	2 - Soybean	0.0	0	0	10	0	25	0	0	0	0	0	0	0	0	0	0	Note: 3		
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																			Soil Class: Mineral	
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N
0.18	1.36	2.8	77	0.6	5.9	133	70	42	23	25	58	45	45	46	46	60	0.1	4		

Sample ID: N18	Recommendations:		Lime		Nutrients (lb/acre)												More Information			
	Crop		(tons/acre)		N	P2O5	K2O	Mg	S	Mn	Zn	Cu	B							
	Lime History:	1 - Vegetables, other		0.3	80-100	0	50	0	0	0	0	0	0	0	0	0	0	0	0	0
0.40 tons/acre; 2/2017	2 - Soybean		0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Note: 3
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																			Soil Class: Mineral	
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N
0.36	1.37	3.2	71	0.9	5.7	215	82	40	18	28	90	64	64	62	62	101	0.1	3		
Sample ID: N19	Recommendations:		Lime		Nutrients (lb/acre)												More Information			
	Crop		(tons/acre)		N	P2O5	K2O	Mg	S	Mn	Zn	Cu	B							
	Lime History:	1 - Vegetables, other		0.3	80-100	0	80	0	0	0	0	0	0	0	0	0	0	0	0	0
	2 - Soybean		0.0	0	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0	Note: 3
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																			Soil Class: Mineral	
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N
0.32	1.42	2.6	73	0.7	5.6	160	68	40	20	31	55	43	43	34	34	86	0.1	4		
Sample ID: N20	Recommendations:		Lime		Nutrients (lb/acre)												More Information			
	Crop		(tons/acre)		N	P2O5	K2O	Mg	S	Mn	Zn	Cu	B							
	Lime History:	1 - Vegetables, other		0.4	80-100	70	0	0	0	0	0	0	\$	0	0	0	0	0	0	0
	2 - Soybean		0.0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	Note: 3
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																			Soil Class: Mineral	
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N
0.13	1.32	4.3	76	1.0	5.6	71	169	36	20	72	60	46	46	25	25	76	0.1	2		
Sample ID: N21	Recommendations:		Lime		Nutrients (lb/acre)												More Information			
	Crop		(tons/acre)		N	P2O5	K2O	Mg	S	Mn	Zn	Cu	B							
	Lime History:	1 - Vegetables, other		0.0	80-100	110	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2 - Soybean		0.0	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Note: 3
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																			Soil Class: Mineral	
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N
0.13	1.29	4.5	81	0.8	6.0	52	147	42	24	35	50	40	40	30	30	83	0.1	2		

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Sample ID: N22		Recommendations:		Lime		Nutrients (lb/acre)										More																									
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn		Zn		Cu		B		Information																			
Lime History:		1 - Vegetables, other		0.0		80-100		110		0		0		0		0		0		0		Note: 6																			
		2 - Soybean		0.0		0		30		0		0		0		0		0		0		Note: 3																			
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:												Soil Class: Mineral																													
HM%		W/V		CEC		BS%		Ac		pH		P-I		K-I		Ca%		Mg%		S-I		Mn-I		Mn-AI1		Mn-AI2		Zn-I		Zn-AI		Cu-I		Na		ESP		SS-I		NO3-N	
0.27		1.34		5.3		82		1.0		6.0		50		141		46		23		43		42		35		35		41		41		76		0.1		2					
Sample ID: N24		Recommendations:		Lime		Nutrients (lb/acre)										More																									
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn		Zn		Cu		B		Information																			
Lime History:		1 - Grape, M		0.5		Note 18		0		20		0		0		0		0		0.5		Note: 18																			
0.60 tons/acre; 2/2017		2 - Grape, M		0.0		Note 18		0		20		0		0		0		0		0.5		Note: 18																			
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:												Soil Class: Mineral																													
HM%		W/V		CEC		BS%		Ac		pH		P-I		K-I		Ca%		Mg%		S-I		Mn-I		Mn-AI1		Mn-AI2		Zn-I		Zn-AI		Cu-I		Na		ESP		SS-I		NO3-N	
0.27		1.26		4.2		71		1.2		5.5		105		67		38		25		40		53		49		49		135		135		57		0.1		2					
Sample ID: N25		Recommendations:		Lime		Nutrients (lb/acre)										More																									
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn		Zn		Cu		B		Information																			
Lime History:		1 - Vegetables, other		0.0		80-100		30		30		0		0		0		0		0		Note: 6																			
0.30 tons/acre; 2/2017		2 - Corn, grain		0.0		120 - 160		0		0		0		0		0		0		0		Note: 3																			
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:												Soil Class: Mineral																													
HM%		W/V		CEC		BS%		Ac		pH		P-I		K-I		Ca%		Mg%		S-I		Mn-I		Mn-AI1		Mn-AI2		Zn-I		Zn-AI		Cu-I		Na		ESP		SS-I		NO3-N	
0.22		1.35		3.3		78		0.7		5.9		99		100		40		23		27		54		42		49		49		49		72		0.1		3					
Sample ID: N26		Recommendations:		Lime		Nutrients (lb/acre)										More																									
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn		Zn		Cu		B		Information																			
Lime History:		1 - Vegetables, other		0.0		80-100		100		0		0		0		\$		0		0		Note: 6																			
		2 - Corn, grain		0.0		120 - 160		10		0		0		0		6		0		0		Note: 3																			
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:												Soil Class: Mineral																													
HM%		W/V		CEC		BS%		Ac		pH		P-I		K-I		Ca%		Mg%		S-I		Mn-I		Mn-AI1		Mn-AI2		Zn-I		Zn-AI		Cu-I		Na		ESP		SS-I		NO3-N	
0.13		1.35		3.9		81		0.7		6.0		57		121		41		24		36		56		43		50		24		24		66		0.1		3					

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Sample ID: N27		Recommendations:		Lime		Nutrients (lb/acre)										More Information Note: 6 Note: \$ Note: 3									
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn				Zn		Cu		B			
Lime History:		1 - Vegetables, other		0.4		80-100		70		10		0		0				0		\$		0		0	
		2 - Corn, grain		0.0		120 - 160		0		0		0		0				0		6		0		0	
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																				Soil Class: Mineral					
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N					
0.13	1.35	3.3	72	0.9	5.6	71	109	36	19	31	66	50	57	22	22	64	0.1	3							
Sample ID: N28		Recommendations:		Lime		Nutrients (lb/acre)										More Information Note: 6 Note: 3									
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn				Zn		Cu		B			
Lime History:		1 - Vegetables, other		0.3		80-100		10		10		0		0				0		0		0		0	
		2 - Corn, grain		0.0		120 - 160		0		0		0		0				0		0		0		0	
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																				Soil Class: Mineral					
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N					
1.02	1.31	5.2	76	1.3	5.8	110	115	47	18	31	43	36	43	41	41	74	0.1	2							
Sample ID: N29		Recommendations:		Lime		Nutrients (lb/acre)										More Information Note: 6 Note: 3									
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn				Zn		Cu		B			
Lime History:		1 - Vegetables, other		0.0		80-100		110		20		0		0				0		0		0		0	
		2 - Corn, grain		0.0		120 - 160		20		0		0		0				0		0		0		0	
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																				Soil Class: Mineral					
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N					
0.18	1.32	3.3	77	0.8	6.0	53	108	36	24	26	45	37	44	30	30	44	0.1	3							
Sample ID: N30		Recommendations:		Lime		Nutrients (lb/acre)										More Information Note: 6 Note: 3									
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn				Zn		Cu		B			
Lime History:		1 - Vegetables, other		0.0		80-100		100		10		0		0				0		0		0		0	
0.30 tons/acre; 2/2017		2 - Corn, grain		0.0		120 - 160		10		0		0		0				0		0		0		0	
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																				Soil Class: Mineral					
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N					
0.18	1.34	3.4	79	0.7	6.1	58	109	38	25	26	47	37	44	33	33	44	0.1	3							

Sample ID: N31	Recommendations: Crop	Lime (tons/acre)	Nutrients (lb/acre)									More Information
			N	P ₂ O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	B	
Lime History:	1 - Vegetables, other	0.0	80-100	60	0	0	0	0	0	0	0	Note: 6 Note: 3
	2 - Corn, grain	0.0	120 - 160	0	0	0	0	0	0	0	0	

Test Results [units - W/V in g/cm ³ ; CEC and Na in meq/100 cm ³ ; NO ₃ -N in mg/dm ³]:																			Soil Class: Mineral	
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO ₃ -N
0.32	1.42	3.9	83	0.7	6.3	76	128	43	23	29	44	32	39	55	55	65	0.2	5		

Sample ID: N32	Recommendations: Crop	Lime (tons/acre)	Nutrients (lb/acre)									More Information
			N	P ₂ O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	B	
Lime History:	1 - Vegetables, other	0.0	80-100	70	10	0	0	0	0	0	0	Note: 6 Note: 3
	2 - Corn, grain	0.0	120 - 160	0	0	0	0	0	0	0	0	

Test Results [units - W/V in g/cm ³ ; CEC and Na in meq/100 cm ³ ; NO ₃ -N in mg/dm ³]:																			Soil Class: Mineral	
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO ₃ -N
0.66	1.44	4.5	78	1.0	6.0	71	116	47	17	36	36	31	38	96	96	113	0.2	4		

Sample ID: N33	Recommendations: Crop	Lime (tons/acre)	Nutrients (lb/acre)									More Information
			N	P ₂ O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	B	
Lime History:	1 - Vegetables, other	0.0	80-100	130	20	0	0	\$	0	0	0	Note: 6 Note: \$ Note: 3
	2 - Corn, grain	0.0	120 - 160	40	0	0	0		0	0	0	

Test Results [units - W/V in g/cm ³ ; CEC and Na in meq/100 cm ³ ; NO ₃ -N in mg/dm ³]:																			Soil Class: Mineral	
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO ₃ -N
0.51	1.42	4.0	77	0.9	6.0	41	103	43	21	35	25	25	32	68	68	45	0.2	5		

Sample ID: N34	Recommendations: Crop	Lime (tons/acre)	Nutrients (lb/acre)									More Information
			N	P ₂ O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	B	
Lime History: 0.40 tons/acre; 2/2017	1 - Vegetables, other	0.0	80-100	90	10	0	0	0	0	0	0	Note: 6 Note: 3
	2 - Corn, grain	0.0	120 - 160	0	0	0	0	0	0	0	0	

Test Results [units - W/V in g/cm ³ ; CEC and Na in meq/100 cm ³ ; NO ₃ -N in mg/dm ³]:																			Soil Class: Mineral	
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO ₃ -N
0.41	1.36	4.3	80	0.9	6.1	62	110	45	23	29	32	28	35	73	73	68	0.1	2		

Sample ID: 01	Recommendations:												Nutrients (lb/acre)						More Information	
	Crop	Lime (tons/acre)	N	P2O5	K2O	Mg	S	Mn	Zn	Cu	B									
	Lime History:	1 - Sweetpotato	0.4	60-90	0	0	0	0	0	0	0	0.5	Note: 6							
	2 - Corn, grain	0.0	120 - 160	0	0	0	0	0	0	0	0	Note: 3								
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																		Soil Class: Mineral		
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N
0.46	1.37	4.8	73	1.3	5.7	202	106	48	14	26	85	68	68	231	231	140	0.1	2		
Sample ID: 02	Recommendations:												Nutrients (lb/acre)						More Information	
	Crop	Lime (tons/acre)	N	P2O5	K2O	Mg	S	Mn	Zn	Cu	B									
	Lime History:	1 - Sweetpotato	0.0	60-90	0	0	0	0	0	0	0	0.5	Note: 6							
	2 - Corn, grain	0.0	120 - 160	0	10	0	0	0	0	0	0	Note: 3								
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																		Soil Class: Mineral		
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N
0.22	1.42	3.5	78	0.8	6.1	110	74	47	21	26	71	58	58	138	138	150	0.1	3		
Sample ID: 03	Recommendations:												Nutrients (lb/acre)						More Information	
	Crop	Lime (tons/acre)	N	P2O5	K2O	Mg	S	Mn	Zn	Cu	B									
	Lime History:	1 - Sweetpotato	0.5	60-90	0	0	0	0	0	0	0	0.5	Note: 6							
	2 - Corn, grain	0.0	120 - 160	0	0	0	0	0	0	0	0	Note: 3								
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																		Soil Class: Mineral		
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N
0.22	1.40	3.9	70	1.2	5.6	83	109	41	16	32	79	64	64	101	101	144	0.1	3		
Sample ID: 04	Recommendations:												Nutrients (lb/acre)						More Information	
	Crop	Lime (tons/acre)	N	P2O5	K2O	Mg	S	Mn	Zn	Cu	B									
	Lime History:	1 - Sweetpotato	0.3	60-90	0	0	0	0	0	0	0	0.5	Note: 6							
	2 - Corn, grain	0.0	120 - 160	0	0	0	0	0	0	0	0	Note: 3								
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																		Soil Class: Mineral		
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N
0.56	1.37	4.9	74	1.3	5.8	180	104	49	14	30	85	68	68	211	211	140	0.1	2		

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Sample ID: 05 Lime History:		Recommendations:		Lime		Nutrients (lb/acre)										More Information Note: 6 Note: 3																									
		Crop		(tons/acre)		N		P2O5		K2O		Mg		S				Mn		Zn		Cu		B																	
		1 - Sweetpotato		0.4		60-90		0		0		0		0				0		0		0		0.5																	
		2 - Corn, grain		0.0		120 - 160		0		0		0		0				0		0		0		0																	
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																				Soil Class: Mineral																					
HM%		W/V		CEC		BS%		Ac		pH		P-I		K-I		Ca%		Mg%		S-I		Mn-I		Mn-AI1		Mn-AI2		Zn-I		Zn-AI		Cu-I		Na		ESP		SS-I		NO3-N	
0.27		1.40		3.7		71		1.1		5.7		120		116		42		13		28		79		64		64		91		91		90		0.1		3					
Sample ID: 06 Lime History:		Recommendations:		Lime		Nutrients (lb/acre)										More Information Note: 6 Note: 3																									
		Crop		(tons/acre)		N		P2O5		K2O		Mg		S				Mn		Zn		Cu		B																	
		1 - Sweetpotato		0.4		60-90		0		0		0		0				0		0		0		0.5																	
		2 - Corn, grain		0.0		120 - 160		0		0		0		0				0		0		0		0																	
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																				Soil Class: Mineral																					
HM%		W/V		CEC		BS%		Ac		pH		P-I		K-I		Ca%		Mg%		S-I		Mn-I		Mn-AI1		Mn-AI2		Zn-I		Zn-AI		Cu-I		Na		ESP		SS-I		NO3-N	
0.32		1.40		3.9		73		1.1		5.6		89		119		42		15		30		85		68		68		81		81		106		0.1		3					
Sample ID: 07 Lime History:		Recommendations:		Lime		Nutrients (lb/acre)										More Information Note: 6 Note: 3																									
		Crop		(tons/acre)		N		P2O5		K2O		Mg		S				Mn		Zn		Cu		B																	
		1 - Sweetpotato		0.0		60-90		0		0		0		0				0		0		0		0.5																	
		2 - Corn, grain		0.0		120 - 160		0		0		0		0				0		0		0		0																	
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																				Soil Class: Mineral																					
HM%		W/V		CEC		BS%		Ac		pH		P-I		K-I		Ca%		Mg%		S-I		Mn-I		Mn-AI1		Mn-AI2		Zn-I		Zn-AI		Cu-I		Na		ESP		SS-I		NO3-N	
0.32		1.38		3.9		77		0.9		5.8		146		102		48		17		30		96		75		75		101		101		103		0.1		3					
Sample ID: 08 Lime History:		Recommendations:		Lime		Nutrients (lb/acre)										More Information Note: 6 Note: 3																									
		Crop		(tons/acre)		N		P2O5		K2O		Mg		S				Mn		Zn		Cu		B																	
		1 - Sweetpotato		0.3		60-90		0		0		0		0				0		0		0		0.5																	
		2 - Corn, grain		0.0		120 - 160		0		0		0		0				0		0		0		0																	
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																				Soil Class: Mineral																					
HM%		W/V		CEC		BS%		Ac		pH		P-I		K-I		Ca%		Mg%		S-I		Mn-I		Mn-AI1		Mn-AI2		Zn-I		Zn-AI		Cu-I		Na		ESP		SS-I		NO3-N	
0.32		1.46		3.4		71		1.0		5.7		158		88		44		14		27		112		84		84		92		92		115		0.1		3					

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Sample ID: 09		Recommendations:		Lime		Nutrients (lb/acre)										More Information Note: 6 Note: 3																									
		Crop		(tons/acre)		N		P2O5		K2O		Mg		S				Mn		Zn		Cu		B																	
		1 - Sweetpotato		0.5		60-90		0		0		0		0				0		0		0		0.5																	
Lime History:		2 - Corn, grain		0.0		120 - 160		0		0		0		0		0		0		0		0																			
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																				Soil Class: Mineral																					
HM%		W/V		CEC		BS%		Ac		pH		P-I		K-I		Ca%		Mg%		S-I		Mn-I		Mn-AI1		Mn-AI2		Zn-I		Zn-AI		Cu-I		Na		ESP		SS-I		NO3-N	
0.41		1.47		3.2		66		1.1		5.5		167		79		42		12		28		112		84		84		103		103		107		0.1		3					
Sample ID: 010		Recommendations:		Lime		Nutrients (lb/acre)										More Information Note: 6 Note: 3																									
		Crop		(tons/acre)		N		P2O5		K2O		Mg		S				Mn		Zn		Cu		B																	
		1 - Sweetpotato		0.3		60-90		0		0		0		0				0		0		0		0.5																	
Lime History:		2 - Corn, grain		0.0		120 - 160		0		0		0		0		0		0		0		0																			
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																				Soil Class: Mineral																					
HM%		W/V		CEC		BS%		Ac		pH		P-I		K-I		Ca%		Mg%		S-I		Mn-I		Mn-AI1		Mn-AI2		Zn-I		Zn-AI		Cu-I		Na		ESP		SS-I		NO3-N	
0.32		1.36		3.7		72		1.0		5.7		114		107		43		14		30		96		75		75		79		79		109		0.1		3					
Sample ID: 011		Recommendations:		Lime		Nutrients (lb/acre)										More Information Note: 6 Note: 3																									
		Crop		(tons/acre)		N		P2O5		K2O		Mg		S				Mn		Zn		Cu		B																	
		1 - Sweetpotato		0.4		60-90		0		0		0		0				0		0		0		0.5																	
Lime History:		2 - Corn, grain		0.0		120 - 160		0		0		0		0		0		0		0		0																			
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																				Soil Class: Mineral																					
HM%		W/V		CEC		BS%		Ac		pH		P-I		K-I		Ca%		Mg%		S-I		Mn-I		Mn-AI1		Mn-AI2		Zn-I		Zn-AI		Cu-I		Na		ESP		SS-I		NO3-N	
0.32		1.40		3.3		68		1.0		5.6		167		87		42		13		29		105		80		80		101		101		105		0.1		3					
Sample ID: 012		Recommendations:		Lime		Nutrients (lb/acre)										More Information Note: 6 Note: 3																									
		Crop		(tons/acre)		N		P2O5		K2O		Mg		S				Mn		Zn		Cu		B																	
		1 - Sweetpotato		0.5		60-90		0		0		0		0				0		0		0		0.5																	
Lime History:		2 - Corn, grain		0.0		120 - 160		0		0		0		0		0		0		0		0																			
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																				Soil Class: Mineral																					
HM%		W/V		CEC		BS%		Ac		pH		P-I		K-I		Ca%		Mg%		S-I		Mn-I		Mn-AI1		Mn-AI2		Zn-I		Zn-AI		Cu-I		Na		ESP		SS-I		NO3-N	
0.32		1.48		3.4		67		1.1		5.5		184		86		42		13		28		122		90		90		104		104		112		0.1		3					

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Sample ID: 013		Recommendations:		Lime		Nutrients (lb/acre)										More Information Note: 6 Note: 3																									
		Crop		(tons/acre)		N		P2O5		K2O		Mg		S				Mn		Zn		Cu		B																	
		1 - Sweetpotato		0.0		60-90		20		0		0		0				0		0		0		0.5																	
Lime History: 0.60 tons/acre; 2/2017		2 - Corn, grain		0.0		120 - 160		10		0		0		0		0		0		0		0																			
		Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																		Soil Class: Mineral																					
HM%		W/V		CEC		BS%		Ac		pH		P-I		K-I		Ca%		Mg%		S-I		Mn-I		Mn-AI1		Mn-AI2		Zn-I		Zn-AI		Cu-I		Na		ESP		SS-I		NO3-N	
0.36		1.35		5.1		77		1.2		5.9		56		122		47		18		30		52		48		48		57		57		59		0.1		2					
Sample ID: 014		Recommendations:		Lime		Nutrients (lb/acre)										More Information Note: 6 Note: 3																									
		Crop		(tons/acre)		N		P2O5		K2O		Mg		S				Mn		Zn		Cu		B																	
		1 - Sweetpotato		0.3		60-90		0		0		0		0				0		0		0		0.5																	
Lime History:		2 - Corn, grain		0.0		120 - 160		0		0		0		0		0		0		0		0																			
		Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																		Soil Class: Mineral																					
HM%		W/V		CEC		BS%		Ac		pH		P-I		K-I		Ca%		Mg%		S-I		Mn-I		Mn-AI1		Mn-AI2		Zn-I		Zn-AI		Cu-I		Na		ESP		SS-I		NO3-N	
0.36		1.35		5.1		76		1.2		5.8		67		133		46		17		31		71		60		60		67		67		86		0.1		2					
Sample ID: 015		Recommendations:		Lime		Nutrients (lb/acre)										More Information Note: 6 Note: 3																									
		Crop		(tons/acre)		N		P2O5		K2O		Mg		S				Mn		Zn		Cu		B																	
		1 - Sweetpotato		0.0		60-90		0		0		0		0				0		0		0		0.5																	
Lime History:		2 - Corn, grain		0.0		120 - 160		0		0		0		0		0		0		0		0																			
		Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																		Soil Class: Mineral																					
HM%		W/V		CEC		BS%		Ac		pH		P-I		K-I		Ca%		Mg%		S-I		Mn-I		Mn-AI1		Mn-AI2		Zn-I		Zn-AI		Cu-I		Na		ESP		SS-I		NO3-N	
0.36		1.46		4.6		77		1.0		5.9		125		92		52		15		27		72		60		60		78		78		78		0.1		2					
Sample ID: 016		Recommendations:		Lime		Nutrients (lb/acre)										More Information Note: 6 Note: 3																									
		Crop		(tons/acre)		N		P2O5		K2O		Mg		S				Mn		Zn		Cu		B																	
		1 - Sweetpotato		0.0		60-90		0		0		0		0				0		0		0		0.5																	
Lime History:		2 - Corn, grain		0.0		120 - 160		0		0		0		0		0		0		0		0																			
		Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																		Soil Class: Mineral																					
HM%		W/V		CEC		BS%		Ac		pH		P-I		K-I		Ca%		Mg%		S-I		Mn-I		Mn-AI1		Mn-AI2		Zn-I		Zn-AI		Cu-I		Na		ESP		SS-I		NO3-N	
0.92		1.36		5.8		78		1.3		5.9		92		128		50		16		26		49		46		46		68		68		66		0.1		2					

Sample ID: 017	Recommendations:		Lime		Nutrients (lb/acre)												More Information Note: 6 Note: 3			
	Crop	(tons/acre)	N	P2O5	K2O	Mg	S	Mn	Zn	Cu	B									
	Lime History: 0.30 tons/acre; 2/2017	1 - Sweetpotato	0.0	60-90	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5		
	2 - Corn, grain	0.0	120 - 160	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																		Soil Class: Mineral		
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N
0.36	1.36	5.6	77	1.3	5.9	68	143	46	18	31	51	48	48	57	57	69	0.1	2		
Sample ID: 018	Recommendations:		Lime		Nutrients (lb/acre)												More Information Note: 6 Note: 3			
	Crop	(tons/acre)	N	P2O5	K2O	Mg	S	Mn	Zn	Cu	B									
	Lime History:	1 - Sweetpotato	0.0	60-90	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5		
	2 - Corn, grain	0.0	120 - 160	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																		Soil Class: Mineral		
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N
0.36	1.37	5.1	83	0.9	5.9	91	107	55	17	41	46	45	45	63	63	65	0.1	2		
Sample ID: P1	Recommendations:		Lime		Nutrients (lb/acre)												More Information Note: 6 Note: 3			
	Crop	(tons/acre)	N	P2O5	K2O	Mg	S	Mn	Zn	Cu	B									
	Lime History:	1 - Vegetables, other	0.0	80-100	40	10	0	0	0	0	0	0	0	0	0	0	0	0		
	2 - Corn, grain	0.0	120 - 160	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																		Soil Class: Mineral		
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N
0.22	1.35	3.4	79	0.7	5.7	89	117	43	19	26	57	44	51	41	41	55	0.1	3		
Sample ID: P2	Recommendations:		Lime		Nutrients (lb/acre)												More Information Note: 6 Note: 3			
	Crop	(tons/acre)	N	P2O5	K2O	Mg	S	Mn	Zn	Cu	B									
	Lime History:	1 - Vegetables, other	0.5	80-100	30	80	0	25	0	0	0	0	0	0	0	0	0	0		
	2 - Corn, grain	0.0	120 - 160	0	20	0	25	0	25	0	25	0	25	0	0	0	0			
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																		Soil Class: Mineral		
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N
0.22	1.44	2.5	64	0.9	5.3	99	65	35	17	20	45	37	44	31	31	42	0.1	4		

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Sample ID: P3		Recommendations:		Lime		Nutrients (lb/acre)										More Information Note: 6 Note: 3																									
		Crop		(tons/acre)		N		P2O5		K2O		Mg		S				Mn		Zn		Cu		B																	
		1 - Vegetables, other		0.4		80-100		20		20		0		0				0		0		0		0																	
Lime History:		2 - Corn, grain		0.0		120 - 160		0		0		0		0		0		0		0		0																			
		Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																		Soil Class: Mineral																					
HM%		W/V		CEC		BS%		Ac		pH		P-I		K-I		Ca%		Mg%		S-I		Mn-I		Mn-AI1		Mn-AI2		Zn-I		Zn-AI		Cu-I		Na		ESP		SS-I		NO3-N	
0.27		1.35		3.3		73		0.9		5.6		101		105		37		20		36		56		44		51		59		59		49		0.1		3					
Sample ID: P4		Recommendations:		Lime		Nutrients (lb/acre)										More Information Note: 6 Note: 3																									
		Crop		(tons/acre)		N		P2O5		K2O		Mg		S				Mn		Zn		Cu		B																	
		1 - Vegetables, other		0.0		80-100		0		30		0		0				0		0		0		0																	
Lime History:		2 - Corn, grain		0.0		120 - 160		0		0		0		0		0		0		0		0																			
		Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																		Soil Class: Mineral																					
HM%		W/V		CEC		BS%		Ac		pH		P-I		K-I		Ca%		Mg%		S-I		Mn-I		Mn-AI1		Mn-AI2		Zn-I		Zn-AI		Cu-I		Na		ESP		SS-I		NO3-N	
0.36		1.41		3.1		76		0.8		5.8		151		93		41		20		40		69		51		58		56		56		66		0.1		3					
Sample ID: P5		Recommendations:		Lime		Nutrients (lb/acre)										More Information Note: 6 Note: 3																									
		Crop		(tons/acre)		N		P2O5		K2O		Mg		S				Mn		Zn		Cu		B																	
		1 - Vegetables, other		0.4		80-100		160		0		0		0				0		0		0		0																	
Lime History:		2 - Corn, grain		0.0		120 - 160		60		0		0		0		0		0		0		0																			
		Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																		Soil Class: Mineral																					
HM%		W/V		CEC		BS%		Ac		pH		P-I		K-I		Ca%		Mg%		S-I		Mn-I		Mn-AI1		Mn-AI2		Zn-I		Zn-AI		Cu-I		Na		ESP		SS-I		NO3-N	
0.22		1.29		4.2		75		1.0		5.6		32		147		38		20		36		40		34		41		27		27		34		0.1		2					
Sample ID: P6		Recommendations:		Lime		Nutrients (lb/acre)										More Information Note: 6 Note: \$ Note: 3																									
		Crop		(tons/acre)		N		P2O5		K2O		Mg		S				Mn		Zn		Cu		B																	
		1 - Vegetables, other		0.5		80-100		100		0		0		0				0		\$		0		0																	
Lime History:		2 - Corn, grain		0.0		120 - 160		20		0		0		0		0		6		0		0																			
		Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																		Soil Class: Mineral																					
HM%		W/V		CEC		BS%		Ac		pH		P-I		K-I		Ca%		Mg%		S-I		Mn-I		Mn-AI1		Mn-AI2		Zn-I		Zn-AI		Cu-I		Na		ESP		SS-I		NO3-N	
0.27		1.33		3.8		71		1.1		5.4		54		124		35		19		35		44		36		43		25		25		36		0.1		3					

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Sample ID: P8		Recommendations:		Lime		Nutrients (lb/acre)										More Information Note: 6 Note: 3							
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn				Zn		Cu		B	
Lime History:		1 - Vegetables, other		0.4		80-100		30		40		0		25				0		0		0	
		2 - Corn, grain		0.0		120 - 160		0		0		0		25				0		0		0	
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																				Soil Class: Mineral			
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N			
0.36	1.40	3.2	71	0.9	5.5	97	88	40	17	23	48	39	46	41	41	36	0.1	3					
Sample ID: P9		Recommendations:		Lime		Nutrients (lb/acre)										More Information Note: 6 Note: 3							
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn				Zn		Cu		B	
Lime History:		1 - Vegetables, other		0.4		80-100		140		0		0		0				0		0		0	
		2 - Corn, grain		0.0		120 - 160		50		0		0		0				0		0		0	
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																				Soil Class: Mineral			
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N			
0.18	1.34	4.0	75	1.0	5.6	38	127	38	21	28	45	37	44	30	30	31	0.1	3					
Sample ID: R1		Recommendations:		Lime		Nutrients (lb/acre)										More Information Note: 6 Note: 3							
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn				Zn		Cu		B	
Lime History:		1 - Vegetables, other		0.3		80-100		130		0		0		0				0		0		0	
		2 - Soybean		0.0		0		40		0		0		0				0		0		0	
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																				Soil Class: Mineral			
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N			
0.41	1.26	5.9	81	1.1	5.8	42	140	49	20	48	62	47	47	57	57	83	0.1	2					
Sample ID: R2		Recommendations:		Lime		Nutrients (lb/acre)										More Information Note: 6 Note: 3							
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn				Zn		Cu		B	
Lime History:		1 - Vegetables, other		0.0		80-100		100		0		0		0				0		0		0	
		2 - Soybean		0.0		0		10		0		0		0				0		0		0	
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																				Soil Class: Mineral			
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N			
0.51	1.29	6.9	83	1.2	5.9	57	144	54	19	192	57	44	44	64	64	64	0.1	1					

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Sample ID: R3		Recommendations:		Lime		Nutrients (lb/acre)										More Information Note: 6 Note: 3																									
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn				Zn		Cu		B																			
Lime History:		1 - Vegetables, other		0.0		80-100		70		0		0		0				0		0		0																			
		2 - Soybean		0.0		0		0		0		0		0		0		0		0																					
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																				Soil Class:		Mineral																			
HM%		W/V		CEC		BS%		Ac		pH		P-I		K-I		Ca%		Mg%		S-I		Mn-I		Mn-AI1		Mn-AI2		Zn-I		Zn-AI		Cu-I		Na		ESP		SS-I		NO3-N	
0.36		1.32		5.5		83		1.0		6.0		69		131		52		18		43		62		47		47		75		75		70		0.1		2					
Sample ID: R4		Recommendations:		Lime		Nutrients (lb/acre)										More Information Note: 6 Note: \$ Note: 3																									
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn				Zn		Cu		B																			
Lime History:		1 - Vegetables, other		0.0		80-100		90		0		0		0				\$		0		0																			
		2 - Soybean		0.0		0		10		0		0		0		6		0		0																					
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																				Soil Class:		Mineral																			
HM%		W/V		CEC		BS%		Ac		pH		P-I		K-I		Ca%		Mg%		S-I		Mn-I		Mn-AI1		Mn-AI2		Zn-I		Zn-AI		Cu-I		Na		ESP		SS-I		NO3-N	
0.36		1.28		6.5		77		1.5		5.9		60		150		47		19		108		46		38		38		24		24		50		0.1		2					
Sample ID: R5		Recommendations:		Lime		Nutrients (lb/acre)										More Information Note: 6 Note: \$ Note: 3 Note: \$																									
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn				Zn		Cu		B																			
Lime History:		1 - Vegetables, other		0.0		80-100		30		0		0		pH\$				0		0		0																			
		2 - Soybean		0.0		0		0		0		0		pH\$		0		0		0																					
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																				Soil Class:		Mineral																			
HM%		W/V		CEC		BS%		Ac		pH		P-I		K-I		Ca%		Mg%		S-I		Mn-I		Mn-AI1		Mn-AI2		Zn-I		Zn-AI		Cu-I		Na		ESP		SS-I		NO3-N	
0.97		1.33		7.1		89		0.8		6.5		97		183		53		23		38		56		36		36		215		215		49		0.1		1					
Sample ID: R6		Recommendations:		Lime		Nutrients (lb/acre)										More Information Note: 6 Note: 3																									
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn				Zn		Cu		B																			
Lime History:		1 - Vegetables, other		0.4		80-100		110		20		0		0				0		0		0																			
		2 - Soybean		0.0		0		20		0		0		0		0		0		0																					
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																				Soil Class:		Mineral																			
HM%		W/V		CEC		BS%		Ac		pH		P-I		K-I		Ca%		Mg%		S-I		Mn-I		Mn-AI1		Mn-AI2		Zn-I		Zn-AI		Cu-I		Na		ESP		SS-I		NO3-N	
0.41		1.27		4.7		75		1.2		5.7		53		103		44		20		45		53		42		42		71		71		59		0.1		2					

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Sample ID: R7		Recommendations:		Lime		Nutrients (lb/acre)												More Information Note: 6 Note: 3							
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn		Zn				Cu		B			
Lime History:		1 - Vegetables, other		0.5		80-100		100		0		0		0		0				0		0			
		2 - Soybean		0.0		0		20		0		0		0		0				0		0			
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																						Soil Class: Mineral			
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N					
0.36	1.28	5.1	75	1.3	5.6	54	126	45	17	47	58	45	45	41	41	63	0.1	2							
Sample ID: R8		Recommendations:		Lime		Nutrients (lb/acre)												More Information Note: 6 Note: 3							
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn		Zn				Cu		B			
Lime History:		1 - Vegetables, other		0.4		80-100		90		0		0		0		0				0		0			
		2 - Soybean		0.0		0		0		0		0		0		0				0		0			
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																						Soil Class: Mineral			
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N					
0.36	1.30	4.8	76	1.2	5.7	62	122	45	18	35	53	42	42	48	48	47	0.1	2							
Sample ID: R9		Recommendations:		Lime		Nutrients (lb/acre)												More Information Note: 6 Note: 3							
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn		Zn				Cu		B			
Lime History:		1 - Vegetables, other		0.0		80-100		90		0		0		0		0				0		0			
		2 - Soybean		0.0		0		10		0		0		0		0				0		0			
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																						Soil Class: Mineral			
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N					
0.60	1.27	8.0	84	1.2	6.2	61	155	53	22	73	39	30	30	42	42	48	0.1	1							
Sample ID: R10		Recommendations:		Lime		Nutrients (lb/acre)												More Information Note: 6 Note: 3							
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn		Zn				Cu		B			
Lime History:		1 - Vegetables, other		0.0		80-100		50		0		0		0		0				0		0			
		2 - Soybean		0.0		0		0		0		0		0		0				0		0			
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																						Soil Class: Mineral			
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N					
0.46	1.32	5.6	83	0.9	6.2	83	143	50	21	49	55	41	41	81	81	39	0.1	2							

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Sample ID: R11		Recommendations:		Lime		Nutrients (lb/acre)										More Information Note: 6 Note: 3							
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn				Zn		Cu		B	
Lime History:		1 - Vegetables, other		0.0		80-100		130		0		0		0				0		0		0	
		2 - Soybean		0.0		0		40		0		0		0				0		0		0	
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																							
Soil Class: Mineral																							
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N			
0.36	1.28	5.7	85	0.8	6.3	44	127	48	26	36	40	29	29	108	108	40	0.1	2					
Sample ID: R12		Recommendations:		Lime		Nutrients (lb/acre)										More Information Note: 6 Note: 3							
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn				Zn		Cu		B	
Lime History:		1 - Vegetables, other		0.0		80-100		70		10		0		0				0		0		0	
		2 - Corn, grain		0.0		120 - 160		0		0		0		0				0		0		0	
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																							
Soil Class: Mineral																							
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N			
0.56	1.34	4.8	78	1.1	5.9	72	114	45	21	28	42	35	42	42	42	43	0.1	2					
Sample ID: R13		Recommendations:		Lime		Nutrients (lb/acre)										More Information Note: 6 Note: 3							
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn				Zn		Cu		B	
Lime History:		1 - Vegetables, other		0.0		80-100		30		0		0		0				0		0		0	
		2 - Soybean		0.0		0		0		0		0		0				0		0		0	
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																							
Soil Class: Mineral																							
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N			
1.02	1.30	6.9	86	1.0	6.2	100	145	52	23	107	51	37	37	82	82	45	0.1	1					
Sample ID: R14		Recommendations:		Lime		Nutrients (lb/acre)										More Information Note: 6 Note: 3							
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn				Zn		Cu		B	
Lime History:		1 - Vegetables, other		0.0		80-100		30		0		0		0				0		0		0	
		2 - Soybean		0.0		0		0		0		0		0				0		0		0	
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																							
Soil Class: Mineral																							
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N			
0.66	1.32	6.7	85	1.0	6.1	94	141	55	19	89	54	41	41	56	56	44	0.1	1					

Sample ID: R15	Recommendations: Crop	Lime (tons/acre)	Nutrients (lb/acre)									More Information
			N	P ₂ O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	B	
			80-100	80	10	0	0	0	0	0	0	
Lime History:	1 - Vegetables, other	0.6	80-100	80	10	0	0	0	0	0	0	Note: 6
	2 - Corn, grain	0.0	120 - 160	0	0	0	0	0	0	0	0	

Test Results [units - W/V in g/cm ³ ; CEC and Na in meq/100 cm ³ ; NO ₃ -N in mg/dm ³]:												Soil Class: Mineral								
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO ₃ -N
0.76	1.35	5.4	73	1.4	5.5	63	109	48	15	31	34	30	37	34	34	41	0.1	2		

Sample ID: R16	Recommendations: Crop	Lime (tons/acre)	Nutrients (lb/acre)									More Information
			N	P ₂ O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	B	
			80-100	10	30	0	0	0	0	0	0	
Lime History:	1 - Vegetables, other	0.5	80-100	10	30	0	0	0	0	0	0	Note: 6
	2 - Corn, grain	0.0	120 - 160	0	0	0	0	0	0	0	0	

Test Results [units - W/V in g/cm ³ ; CEC and Na in meq/100 cm ³ ; NO ₃ -N in mg/dm ³]:												Soil Class: Mineral								
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO ₃ -N
0.97	1.34	5.5	76	1.3	5.6	114	93	51	16	28	47	38	45	84	84	43	0.1	2		

Sample ID: R17	Recommendations: Crop	Lime (tons/acre)	Nutrients (lb/acre)									More Information
			N	P ₂ O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	B	
			80-100	30	0	0	0	0	0	0	0	
Lime History:	1 - Vegetables, other	0.0	80-100	30	0	0	0	0	0	0	0	Note: 6
	2 - Soybean	0.0	0	0	0	0	0	0	0	0	0	

Test Results [units - W/V in g/cm ³ ; CEC and Na in meq/100 cm ³ ; NO ₃ -N in mg/dm ³]:												Soil Class: Mineral								
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO ₃ -N
1.14	1.32	7.0	82	1.2	6.0	94	159	50	21	141	62	47	47	50	50	50	0.2	3		

Sample ID: R18	Recommendations: Crop	Lime (tons/acre)	Nutrients (lb/acre)									More Information
			N	P ₂ O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	B	
			80-100	20	0	0	0	0	0	0	0	
Lime History:	1 - Vegetables, other	0.0	80-100	20	0	0	0	0	0	0	0	Note: 6
	2 - Soybean	0.0	0	0	0	0	0	0	0	0	0	

Test Results [units - W/V in g/cm ³ ; CEC and Na in meq/100 cm ³ ; NO ₃ -N in mg/dm ³]:													Soil Class: Mineral							
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-I	Na	ESP	SS-I	NO ₃ -N
0.92	1.28	7.4	85	1.1	6.1	108	158	51	23	172	68	49	49	46	46	56	0.2	3		

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Sample ID: R19		Recommendations:		Lime		Nutrients (lb/acre)										More Information Note: 6 Note: 3							
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn				Zn		Cu		B	
Lime History:		1 - Vegetables, other		0.0		80-100		10		0		0		0				0		0		0	
		2 - Soybean		0.0		0		0		0		0		0				0		0		0	
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																							
Soil Class: Mineral																							
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N			
1.80	1.26	9.4	83	1.6	6.0	111	141	51	25	103	53	42	42	109	109	62	0.2	2					
Sample ID: R20		Recommendations:		Lime		Nutrients (lb/acre)										More Information Note: 6 Note: 3							
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn				Zn		Cu		B	
Lime History:		1 - Vegetables, other		0.0		80-100		50		0		0		0				0		0		0	
		2 - Soybean		0.0		0		0		0		0		0				0		0		0	
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																							
Soil Class: Mineral																							
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N			
1.87	1.22	7.8	83	1.4	6.0	82	144	52	22	56	36	31	31	50	50	43	0.1	1					
Sample ID: R21		Recommendations:		Lime		Nutrients (lb/acre)										More Information Note: 6 Note: 3							
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn				Zn		Cu		B	
Lime History:		1 - Vegetables, other		0.0		80-100		20		0		0		0				0		0		0	
		2 - Soybean		0.0		0		0		0		0		0				0		0		0	
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																							
Soil Class: Mineral																							
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N			
1.37	1.27	8.5	86	1.2	6.2	105	147	52	25	111	58	41	41	88	88	57	0.2	2					
Sample ID: R22		Recommendations:		Lime		Nutrients (lb/acre)										More Information Note: 6 Note: 3							
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn				Zn		Cu		B	
Lime History:		1 - Vegetables, other		0.0		80-100		30		0		0		0				0		0		0	
		2 - Soybean		0.0		0		0		0		0		0				0		0		0	
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																							
Soil Class: Mineral																							
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO3-N			
1.08	1.30	6.9	84	1.1	6.1	97	143	51	22	149	62	46	46	78	78	56	0.2	3					

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Sample ID: S1		Recommendations:		Lime		Nutrients (lb/acre)												More																							
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn		Zn		Cu		B		Information																			
Lime History:		1 - Corn, grain		0.0		120 - 160		50		10		0		0		0		0		2		0		Note: 3																	
		2 - Vegetables, other		0.0		80-100		140		60		0		0		0		0				0		Note: 6																	
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																						Soil Class: Mineral																			
HM%		W/V		CEC		BS%		Ac		pH		P-I		K-I		Ca%		Mg%		S-I		Mn-I		Mn-AI1		Mn-AI2		Zn-I		Zn-AI		Cu-I		Na		ESP		SS-I		NO3-N	
0.92		1.30		6.5		78		1.4		5.9		39		75		48		25		37		27		33		26		54		54		19		0.1		2					
Sample ID: S2		Recommendations:		Lime		Nutrients (lb/acre)												More																							
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn		Zn		Cu		B		Information																			
Lime History:		1 - Corn, grain		0.0		120 - 160		30		0		0		0		0		2		0		Note: 3																			
		2 - Vegetables, other		0.0		80-100		110		20		0		0		0		0				Note: 6																			
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																						Soil Class: Mineral																			
HM%		W/V		CEC		BS%		Ac		pH		P-I		K-I		Ca%		Mg%		S-I		Mn-I		Mn-AI1		Mn-AI2		Zn-I		Zn-AI		Cu-I		Na		ESP		SS-I		NO3-N	
1.08		1.27		8.6		82		1.6		6.0		50		102		48		28		58		34		37		30		113		113		20		0.1		1					
Sample ID: S3		Recommendations:		Lime		Nutrients (lb/acre)												More																							
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn		Zn		Cu		B		Information																			
Lime History:		1 - Corn, grain		0.0		120 - 160		20		0		0		0		0		0		0		Note: 3																			
		2 - Vegetables, other		0.0		80-100		110		30		0		0		0		0				Note: 6																			
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																						Soil Class: Mineral																			
HM%		W/V		CEC		BS%		Ac		pH		P-I		K-I		Ca%		Mg%		S-I		Mn-I		Mn-AI1		Mn-AI2		Zn-I		Zn-AI		Cu-I		Na		ESP		SS-I		NO3-N	
1.08		1.31		9.6		88		1.2		6.4		52		98		56		27		64		62		48		41		159		159		27		0.1		1					
Sample ID: S4		Recommendations:		Lime		Nutrients (lb/acre)												More																							
Crop		(tons/acre)		N		P2O5		K2O		Mg		S		Mn		Zn		Cu		B		Information																			
Lime History:		1 - Corn, grain		1.6		120 - 160		20		0		0		0		0		2		0		Note: 3																			
		2 - Vegetables, other		0.0		80-100		100		20		0		0		0		0				Note: 6																			
Test Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]:																						Soil Class: Mineral																			
HM%		W/V		CEC		BS%		Ac		pH		P-I		K-I		Ca%		Mg%		S-I		Mn-I		Mn-AI1		Mn-AI2		Zn-I		Zn-AI		Cu-I		Na		ESP		SS-I		NO3-N	
1.87		1.12		8.7		66		3.0		5.3		55		102		39		22		99		40		41		34		90		90		24		0.1		1					

Sample ID: S5	Recommendations:	Lime (tons/acre)	Nutrients (lb/acre)									More Information
			N	P ₂ O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	B	
Lime History:	Crop											
	1 - Corn, grain	0.0	120 - 160	10	0	0	0	0	0	2	0	Note: 3
	2 - Vegetables, other	0.0	80-100	100	50	0	0	0	0		0	Note: 6

Test Results [units - W/V in g/cm ³ ; CEC and Na in meq/100 cm ³ ; NO ₃ -N in mg/dm ³]:												Soil Class: Mineral								
HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-I	Na	ESP	SS-I	NO ₃ -N
1.87	1.15	9.3	82	1.6	5.9	56	83	49	29	42	31	36	29	187	187	17	0.1	1		

Understanding the Soil Report: explanation of measurements, abbreviations and units

Recommendations

Lime

If testing finds that soil pH is too low for the crop(s) indicated, a **lime recommendation** will be given in units of either ton/acre or lb/1000 sq ft. For best results, mix the lime into the top 6 to 8 inches of soil several months before planting. For no-till or established plantings where this is not possible, apply no more than 1 to 1.5 ton/acre (50 lb/1000 sq ft) at one time, even if the report recommends more. You can apply the rest in similar increments every six months until the full rate is applied. If MG is recommended and lime is needed, use dolomitic lime.

Fertilizer

Recommendations **for field crops or other large areas** are listed separately for each nutrient to be added (in units of lb/acre unless otherwise specified). Recommendations for N (and sometimes for B) are based on research/field studies for the crop being grown, not on soil test results. K-I and P-I values are based on test results and should be > 50. If they are not, follow the fertilizer recommendations given. If Mg is needed and no lime is recommended, 0-0-22 (11.5% Mg) is an excellent source; 175 to 250 lb per acre alone or in a fertilizer blend will usually satisfy crop needs, SS-I levels appear only on reports for greenhouse soil or problem samples.

Farmers and other commercial producers should pay special attention to **micronutrient levels**. If \$, pH\$, \$pH, C or Z notations appear on the soil report, refer to [\\$Note: Secondary Nutrients and Micronutrients](#). In general, homeowners do not need to be concerned about micronutrients. Various crop notes also address lime fertilizer needs; visit ncagr.gov/agronomi/pubs.htm.

Recommendations **for small areas, such as home lawns/gardens**, are listed in units of lb/1000 sq ft. If you cannot find the exact fertilizer grade recommended on the report, visit www.ncagr.gov/agronomi/obpart4.htm to find information that may help you choose a comparable alternate. For more information, read [A Homeowner's Guide to Fertilizer](#).

Test Results

The first seven values [soil class, HM%, W/V, CEC, BS%, Ac and pH] describe the soil and its degree of acidity. The remaining 16 [P-I, K-I, Ca%, Mg%, Mn-I, Mn-AI1, Mn-AI2, Zn-I, Zn-AI, Cu-I, S-I, SS-I, Na, ESP, SS-I, NO3-N (not routinely available)] indicate levels of plant nutrients or other fertility measurement. Visit www.ncagr.gov/agronomi/uyrst.htm

Report Abbreviations

Ac	exchangeable acidity
B	boron
BS%	% CEC occupied by basic cations
Ca%	% CEC occupied by calcium
CEC	cation exchange capacity
Cu-I	copper index
ESP	exchangeable sodium percent
HM%	percent humic matter
K-I	potassium index
K2O	potash
Mg%	% CEC occupied by magnesium
MIN	mineral soil class
Mn	manganese
Mn-AI1	Mn-availability index for crop 1
Mn-AI2	Mn-availability index for crop 2
Mn-I	manganese index
M-O	mineral-organic soil class
N	nitrogen
Na	sodium
NO3-N	nitrate nitrogen
ORG	organic soil class
pH	current soil pH
P-I	phosphorus index
P2O5	phosphate
S-I	sulfur index
SS-I	soluble salt index
W/V	weight per volume
Zn-AI	zinc availability index
Zn-I	zinc index