NCDA&CS Agronomic Division

Phone: (919) 733-2655

Website: www.ncagr.gov/agronomi/

Client: Horticultural Crops Research Station /

Advisor:

Report No.

FY18-SL021327

Clinton

2450 Faison Hwy Clinton, NC 28328

Links to Helpful Information

Sampled County: Sampson

403047 Client ID:

Advisor ID:

Predictive

Soil Report

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

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

Mehlich-3 Extraction

Sample	ID : A1		Reco	mmend	ations:	L	.ime					Nutrie	ents (lb/acı	e)					Mor	e
			Crop)		(ton	s/acre)	N	P ₂ O)5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	ion
Lime His	story:		1 - V	egetable	s, other		0.3	80-100	0		70	0	0	0	0	0	0		Note: 6	
			2 - S	oybean			0.0	0	0		10	0	0	0	0	0	0		Note: 3	
Test Res	sults [ur	nits - W/V	/ in g/cm³	; CEC an	nd Na in n	neq/100 c	m³; NO₃-	-N in mg/d	lm³]:				Soil Class	: Mine	ral					
нм%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	Na	ESP	SS-I	NO3-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: A0	2	Reco	mmend	ations:	L	ime					Nutrie	ents (lb/acı	e)					Mor	e
			Crop)		(ton	s/acre)	N	P ₂ O)5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	ion
Lime His	etory:		1 - V	egetable	s, other		0.0	80-100	0		60	0	25	0	0	0	0		Note: 6	
	otory.											_	~-	_	_	_	_			
Linie III	otory.		2 - S	oybean			0.0	0	0		0	0	25	0	0	0	0		Note: 3	
		nits - W/V			nd Na in n	neq/100 c		0 -N in mg/d			0		25 Soil Class			0	0		Note: 3	
		nits - W/\			nd Na in n pH	neq/100 c P-I				S-I	0 Mn-l					Cu-l	Na	ESP		NO3-N
Test Res	sults [ur		/ in g/cm³	; CEC an		-	m³; NO₃-	-N in mg/d	lm³]:	S-I 21			Soil Class	: Mine	ral			ESP 4		NO3-N
Test Res HM% 0.27	sults [ur W/V 1.38	CEC 2.5	/ in g/cm ³ BS%	; CEC an	pH 5.6	P-I 177	m³; NO3- K-I	-N in mg/d Ca%	lm³]: Mg%	_	Mn-l	Mn-Al1 53	Soil Class Mn-Al2	: Mine Zn-I 85	ral Zn-Al	Cu-l	Na			
Test Res HM% 0.27	sults [ur	CEC 2.5	/ in g/cm ³ BS%	CEC and Ac 0.6	pH 5.6	P-I 177	m³; NO3- K-I 79	-N in mg/d Ca%	lm³]: Mg%	21	Mn-l	Mn-Al1 53 Nutrie	Soil Class Mn-Al2	: Mine Zn-I 85	ral Zn-Al	Cu-l	Na	4	SS-I	re
Test Res HM% 0.27 Sample	sults [ur W/V 1.38 ID: A0	CEC 2.5	/ in g/cm³ BS% 77 Reco	CEC and Ac 0.6	pH 5.6 ations:	P-I 177	m ³ ; NO3- K-I 79 .ime	-N in mg/d Ca% 45	lm³]: Mg% 16	21	Mn-I 71	Mn-Al1 53	Soil Class Mn-Al2 53 ents (lb/aci	: Mine Zn-I 85	ral Zn-Al 85	Cu-l 79	Na 0.1	4	SS-I Mor	re
Test Res HM% 0.27	sults [ur W/V 1.38 ID: A0	CEC 2.5	BS% 77 Reco	CEC and Ac 0.6 commend	pH 5.6 ations: s, other	P-I 177	m ³ ; NO3- K-I 79 .ime s/acre)	-N in mg/d Ca% 45	Mg% 16 P20	21	Mn-I 71 K2O	Mn-Al1 53 Nutrie	Soil Class Mn-Al2 53 ents (lb/act	: Mine Zn-I 85	ral Zn-Al 85 Zn	Cu-l 79	Na 0.1	4	SS-I Mor Informat	e
Test Res HM% 0.27 Sample Lime His	sults [ur W/V 1.38 ID: A0 story:	2.5 3	77 Reco Crop 1 - V 2 - C	CEC and Ac 0.6 commends of the corn, grain	pH 5.6 ations: s, other	P-I 177 L (ton	m³; NO3- K-I 79 .ime s/acre) 0.3 0.0	N in mg/d Ca% 45 N 80-100 120 - 16	Mg% 16 P2O 0 0 0	21	Mn-I 71 K2O 120	Mn-Al1 53 Nutrie Mg 0 0	Soil Class Mn-Al2 53 ents (lb/acr S 25 25	: Mine Zn-I 85 Te) Mn 0 0	Zn-Al 85 Zn 0 0	Cu-I 79 Cu 0	Na 0.1	4	SS-I Mor Informat Note: 6	re
Test Res HM% 0.27 Sample Lime His	sults [ur W/V 1.38 ID: A0 story:	2.5 3	### 15 / Find the second secon	CEC and O.6 ommend: O.6 ommend: O.6 omn, grain orn, grain; CEC and O.5 omn	pH 5.6 ations: s, other n	P-I 177 L (ton:	m ³ ; NO3- K-I 79 .ime s/acre) 0.3 0.0 m ³ ; NO3-	N in mg/d Ca% 45 N 80-100 120 - 16	Mg% 16 P20 0 0 0 0 0 0 0 0 0	21	Mn-I 71 K2O 120 50	Mn-Al1 53 Nutrie Mg 0 0	Soil Class Mn-Al2 53 ents (lb/act S 25 25 Soil Class	: Mine Zn-I 85 Te) Mn 0 0 : Mine	Zn-Al 85 Zn 0 0 ral	Cu-I 79 Cu 0 0	Na 0.1 B 0 0	4	Mor Informat Note: 6 Note: 3	e ion
Test Res HM% 0.27 Sample Lime His	sults [ur W/V 1.38 ID: A0 story:	2.5 3	77 Reco Crop 1 - V 2 - C	CEC and Ac 0.6 commends of the corn, grain	pH 5.6 ations: s, other	P-I 177 L (ton	m³; NO3- K-I 79 .ime s/acre) 0.3 0.0	N in mg/d Ca% 45 N 80-100 120 - 16	Mg% 16 P2O 0 0 0	21	Mn-I 71 K2O 120	Mn-Al1 53 Nutrie Mg 0 0	Soil Class Mn-Al2 53 ents (lb/acr S 25 25	: Mine Zn-I 85 Te) Mn 0 0	Zn-Al 85 Zn 0 0	Cu-I 79 Cu 0	Na 0.1	4	Mor Informat Note: 6 Note: 3	e ion



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.

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Sample	ID: A0	4	Reco	ommenda	ations:	L	_ime					Nutri	ents (lb/ac	re)					Moi	re
			Crop)		(ton	s/acre)	N	P ₂	O5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:			egetables	s. other	•	0.0	80-10	0 0)	110	0	25	0	0	0	0		Note: 6	
				orn, grair	•		0.0	120 - 1	60 C)	40	0	25	0	0	0	0		Note: 3	
Test Res	sults [ur	nits - W/V	' in g/cm ³	; CEC an	d Na in n	neq/100 c	:m³; NO₃-	N in mg/	dm³]:				Soil Class	s: Mine	eral					
нм%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	Na	ESP	SS-I	NO ₃ -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 : A0	5	Reco	ommenda	ations:	l	ime					Nutri	ents (lb/ac	re)					Mor	re
			Crop)		(ton	s/acre)	N	P2	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	ion
Lime His	ne History:		1 - V	egetables	s, other		0.0	80-10	0 0)	110	0	25	0	0	0	0		Note: 6	
	•		2-C	orn, grair	า		0.0	120 - 1	60 C)	40	0	25	0	0	0	0		Note: 3	
Test Res	2 - Corn, grain t Results [units - W/V in g/cm³; CEC and Na					neq/100 c	:m³; NO3-	N in mg/	dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	Na	ESP	SS-I	NO ₃ -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 : A0	6	Reco	ommenda	ations:	L	ime					Nutri	ents (lb/ac	re)					Mor	re
			Crop)		(ton	s/acre)	N	P2	O5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	ion
Lime His	story:		1 - V	egetables	s, other		0.0	80-10	0 0)	70	0	25	0	0	0	0		Note: 6	
0.30 tons	s/acre; 2	2/2017	2 - S	oybean			0.0	0	C)	20	0	25	0	0	0	0		Note: 3	
Test Res	sults [ur	nits - W/V	' in g/cm ³	; CEC an	d Na in n	neq/100 c	:m³; NO₃-	N in mg/	dm³]:				Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	Na	ESP	SS-I	NO ₃ -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 : A0	7	Reco	ommenda	ations:	L	ime					Nutri	ents (lb/ac	re)					Mor	re
			Crop)		(ton	s/acre)	N	P2	O5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	ion
Lime His	story:		1 - V	egetables	s, other		0.0	80-10	0 0)	100	0	25	0	0	0	0		Note: 6	
			2 - S	oybean			0.0	0	C)	30	0	25	0	0	0	0		Note: 3	
Test Res	Test Results [units - W/V in g/cm³; CEC and Na in meq/10						:m ³ ; NO ₃ -	N in mg/	dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	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		
0.10		:-			···	'				• • •							V. 1			

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Sample	ID: A0	8	Reco	ommenda	ations:	L	_ime					Nutri	ents (lb/ac	re)					Мо	re
			Crop)		(ton	s/acre)	N	P20	O5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	storv:		1 - V	egetables	s, other		0.0	80-10	0 0)	90	0	25	0	0	0	0		Note: 6	
				orn, grair			0.0	120 - 1	60 C)	30	0	25	0	0	0	0		Note: 3	
Test Re	sults [ur	nits - W/V	' in g/cm ³	; CEC an	d Na in m	neq/100 c	:m³; NO₃-	N in mg/	dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	Na	ESP	SS-I	NO ₃ -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	mple ID: A09			ommenda	ations:	L	ime					Nutri	ents (lb/ac	re)					Mo	re
			Crop)		(ton	s/acre)	N	P20	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	History:		1 - V	egetables	s, other		0.3	80-10	0 40	0	30	0	25	0	0	0	0		Note: 6	
			2 - C	orn, grair	1		0.0	120 - 1	60 C)	0	0	25	0	0	0	0		Note: 3	
Test Res	2 - Corn, grain Results [units - W/V in g/cm³; CEC and N					neq/100 c	:m³; NO₃-	N in mg/	dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	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 : A1	0	Reco	ommenda	ations:	L	ime					Nutri	ents (lb/ac	re)					Moi	re
			Crop)		(ton	s/acre)	N	P20	O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetables	s, other		0.4	80-10	0 0)	100	0	25	0	0	0	0		Note: 6	
			2 - C	orn, grair	า		0.0	120 - 1	60 C)	40	0	25	0	0	0	0		Note: 3	
Test Res	sults [ur	nits - W/V	' in g/cm ³	; CEC an	d Na in n	neq/100 c	:m³; NO₃-	N in mg/	dm³]:				Soil Class	s: Mine	eral					
нм%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	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: A1	1	Reco	ommenda	ations:	L	ime					Nutri	ents (lb/ac	re)					Moi	re
			Crop)		(ton	s/acre)	N	P20	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetables	s, other		0.3	80-10	0 0)	130	0	25	0	0	0	0		Note: 6	
0.30 ton	s/acre; 2	2/2017	2 - C	orn, grair	า		0.0	120 - 1	60 C)	50	0	25	0	0	0	0		Note: 3	
Test Res	est Results [units - W/V in g/cm³; CEC and Na in n						:m³; NO₃-	N in mg/	dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	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		
0.0_	1.00	1.0		0.0	U. 1	.00							<u> </u>			٠.	٠			

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Sample	ID: A1	2	Reco	ommenda	ations:	L	ime					Nutri	ents (lb/ac	re)					Мо	re
			Crop)		(ton	s/acre)	N	P ₂	O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	ion
Lime His	story:			egetables	s. other	-	0.0	80-10	0 0)	80	0	25	0	0	0	0		Note: 6	
				orn, grair	•		0.0	120 - 1	60 ()	20	0	25	0	0	0	0		Note: 3	
Test Res	sults [ur	nits - W/V	' in g/cm ³	; CEC an	d Na in m	neq/100 c	:m³; NO₃-	·N in mg/	dm³]:				Soil Class	: Mine	eral					
нм%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	Na	ESP	SS-I	NO3-l
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		Reco	ommenda	ations:	L	ime					Nutri	ents (lb/ac	re)					Мо	re	
			Crop)		(ton	s/acre)	N	P2	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	ion
Lime His	ne History:		1 - V	egetables	s, other		0.3	80-10	0 0)	100	0	25	0	0	0	0		Note: 6	
	•	2/2017	2-C	orn, grair	1		0.0	120 - 1	60 ()	30	0	25	0	0	0	0		Note: 3	
	50 tons/acre; 2/2017 est Results [units - W/		_			-		_	_	0.1	M		Soil Class		-	01	Na	FOD	00.1	NO
			BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l		Mn-Al2	Zn-I	Zn-Al	Cu-l	Na	ESP	SS-I	NO3-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		Reco	ommenda	ations:		_ime						ents (lb/ac						Mo	
			Crop			(ton	s/acre)	N		O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	ion
Lime His	story:			weetpota			0.3	60-90)	100	0	25	0	0	0	0.5	•	Note: 6	
			2 - C	orn, grair	1		0.0	120 - 1	60 ()	60	0	25	0	0	0	0		Note: 3	
Test Res	sults [ur	nits - W/V	' in g/cm ³	; CEC an	d Na in m	neq/100 c	:m³; NO₃-	·N in mg/	dm³]:				Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	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		Reco	ommenda	ations:	L	ime					Nutri	ents (lb/ac	re)					Moi	re
			Crop)		(ton	s/acre)	N	P2	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	ion
Lime His	story:		1 - S	weetpota	to		0.0	60-90) ()	20	0	25	0	0	0	0.5		Note: 6	
			2 - C	orn, grair	ı		0.0	120 - 1	60 ()	20	0	25	0	0	0	0		Note: 3	
Test Res	sults [ur	nits - W/V	' in g/cm ³	; CEC an	d Na in n	neq/100 c	:m ³ ; NO ₃ -	·N in mg/	dm³]:				Soil Class	s: Mine	eral	<u> </u>				
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	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		
00				<u> </u>	<u> </u>				• • •					<u> </u>	<u> </u>		U. 1			

NCDA&	CS Agro	nomic D	ivision	Pł	none: (91	19) 733-20	655	Web	site: ww	w.ncag	gr.gov/agr	onomi/				R	eport No). F	Y18-SL0	21327
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Sample	ID : B3		Reco	ommenda	ations:	I	ime					Nutri	ents (lb/ac	re)					Mo	re
			Crop)		(ton	s/acre)	N	P2	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - S	weetpota	ito		0.3	60-90) ()	20	0	25	0	0	0	0.5	5	Note: 6	
			2 - C	orn, grair	า		0.0	120 - 1	60 ()	20	0	25	0	0	0	0		Note: 3	
Test Res	sults [ur	nits - W/V	' in g/cm³	; CEC an	ıd Na in n	neq/100 c	:m³; NO₃-	·N in mg/	dm³]:				Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-I	Na	ESP	SS-I	NO ₃ -I
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			Reco	ommenda	ations:	L	_ime					Nutri	ents (lb/ac	re)					Mo	re
			Crop			(ton	s/acre)	N	P2	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:			weetpota			0.0	60-90) ()	70	0	25	0	0	0	0.5	5	Note: 6	
	-		2 - C	orn, grair	า		0.0	120 - 1	60 ()	50	0	25	0	0	0	0		Note: 3	
Test Res	est Results [units - W/V in g/cm³; CEC a					neq/100 c	:m³; NO₃-	·N in mg/	dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	Na	ESP	SS-I	NO ₃ -
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		Reco	ommenda	ations:		_ime					Nutri	ents (lb/ac	re)					Moi	re
			Crop)		(ton	s/acre)	N	P2	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1-S	weetpota	ito		0.4	60-90) ()	60	25	25	0	0	0	0.5	5	Note: 6	
			2 - C	orn, grair	า		0.0	120 - 1	60 ()	40	\$	25	0	0	0	0		Note: 3	Note:
Test Res	sults [ur	nits - W/V	' in g/cm ³	; CEC an	d Na in n	neq/100 c	:m³; NO₃-	·N in mg/	dm³]:				Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-I	Na	ESP	SS-I	NO ₃ -
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		Reco	ommenda	ations:	L	_ime					Nutri	ents (lb/ac	re)					Mo	re
			Crop)		(ton	s/acre)	N	P2	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - S	weetpota	ito		0.3	60-90) ()	0	0	0	0	0	0	0.5	5	Note: 6	
			2 - C	orn, grair	า		0.0	120 - 1	60 ()	10	0	0	0	0	0	0		Note: 3	
Test Res	Test Results [units - W/V in g/cm³; CEC and Na						:m³; NO₃-	·N in mg/	dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-I	Na	ESP	SS-I	NO ₃ -l
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	7	Reco	ommend	ations:	L	ime					Nutrie	ents (lb/ac	re)					Moi	re
			Crop)		(ton	s/acre)	N	P20) 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	storv:		1 - S	weetpota	ato		0.5	60-90) 0		50	0	0	0	0	0	0.5	5	Note: 6	
			2-S	oybean			0.0	0	0)	30	0	0	0	0	0	0		Note: 3	
Test Re	sults [un	its - W/V	/ in g/cm³	; CEC ar	nd Na in n	neq/100 c	m³; NO3-	N in mg/	dm³]:				Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	Na	ESP	SS-I	NO ₃ -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: Lir				ime					Nutri	ents (lb/ac	re)					Mo	re		
	Crop (tons/ac		s/acre)	N	P20) 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion				
Lime His	tory: 1 - Blueberry, M 0.0		0.0	30-60) 0		10	0	0		0	0	0		Note: 18	<u>8</u>				
			2 - B	lueberry,	M		0.0	30-60	0	١	10	0	0		0	0	0		Note: 18	<u>8</u>
Test Re	sults [un	its - W/V	/ in g/cm³	; CEC ar	nd Na in n	neq/100 c	m³; NO3-	N in mg/	dm³]:				Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	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		Reco	ommend	ations:	L	ime					Nutrie	ents (lb/ac	re)					Moi	re
			Crop)		(ton	s/acre)	N	P20	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetable	s, other		0.0	80-10	0 0		40	0	0	0	0	0	0		Note: 6	
			2 - S	oybean			0.0	0	0	١	0	0	0	0	0	0	0		Note: 3	
Test Res	sults [un	its - W/V	/ in g/cm³	; CEC ar	nd Na in n	neq/100 c	m³; NO₃-	N in mg/	dm³]:				Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	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		Reco	ommend	ations:	L	ime					Nutri	ents (lb/ac	re)					Mo	re
			Crop)		(ton	s/acre)	N	P20	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetable	s, other		0.0	80-10	0 0		40	0	25	0	0	0	0		Note: 6	
			2 - S	oybean			0.0	0	0	١	0	0	25	0	0	0	0		Note: 3	
Test Re	Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; N							N in mg/	dm³]:				Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	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		Reco	ommenda	ations:	L	ime					Nutrie	ents (lb/ac	re)					Мо	re
			Crop)		(ton	s/acre)	N	P ₂	O5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime Hi	story:			egetables	s. other	•	0.4	80-10			110	0	25	0	0	0	0		Note: 6	
	J. J.			oybean	-,		0.0	0	()	40	0	25	0	0	0	0		Note: 3	
Test Re	sults [ur	nits - W/V	in g/cm ³	; CEC an	d Na in m	eq/100 c	m³; NO₃-	N in mg/	dm³]:				Soil Class	: Mine	ral					
нм%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-I	Na	ESP	SS-I	NO ₃ -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 : E0	4A	Reco	ommenda	ations:	L	ime					Nutrie	ents (lb/ac	re)					Мо	re
			Crop)		(ton	s/acre)	N	P2	O5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime Hi	ne History:		1-G	rape, M			0.4	Note 1	8 0)	60	0	25	0	0	0	0.5	;	Note: 18	<u>3</u>
	,			•			0.0	0	C)	50	0	25	0	0	0	0		Note: 3	_
Test Re	2 - Soybean est Results [units - W/V in g/cm³; CEC and				d Na in m	eq/100 c	m³; NO3-	N in mg/	dm³]:				Soil Class	: Mine	ral					
НМ%	W/V	CEC	BS%	Ac	рН	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	1.40	3.3	72	0.9	5.6	190	45	44	21	17	52	48	41	189	189	56	0.1	3		
Sample	ID : F1		Reco	ommenda	ations:	L	ime					Nutrie	ents (lb/ac	re)					Moi	re
			Crop)		(ton	s/acre)	N	P ₂	O5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime Hi	storv:		1 _{1 -} C	antaloup	e/Melons		0.3	60-80			110	0	0	0	0	0	1.0	,	Note: 6	
	,			oybean .			0.0	0	C)	40	0	0	0	0	0	0		Note: 3	
Test Re	sults [ur	nits - W/V	' in g/cm³	; CEC an	d Na in m	eq/100 c	m³; NO₃-	N in mg/	dm³]:				Soil Class	: Mine	ral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	Na	ESP	SS-I	NO ₃ -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			Reco	ommenda	ations:	L	ime						ents (lb/ac				-	T	Mo	re
			Crox		-		s/acre)	N	P ₂	O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	
Lime Hi	story:			egetables	s. other	•	0.3	80-10			140	0	25	0	0	0	0		Note: 6	
				oybean	-,		0.0	0	C)	60	0	25	0	0	0	0		Note: 3	
Test Re	sults fur	nits - W/V	in g/cm ³	: CEC an	d Na in m	ea/100 c	m³: NO3-	N in ma/	dm ³ 1:				Soil Class	: Mine	ral					
HM%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l		Mn-Al2	Zn-I	Zn-Al	Cu-l	Na	ESP	SS-I	NO3-N
					-				_										55 -1	1100-1
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		Reco	ommend	ations:	L	ime					Nutri	ents (lb/ac	re)					Moi	re
-			Crop)		(ton	s/acre)	N	P20	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	storv:			egetable	s, other		0.0	80-10	0 0)	130	0	25	0	0	0	0		Note: 6	
0.40 ton	•	/2017	2-S	oybean	•		0.0	0	0)	50	0	25	0	0	0	0		Note: 3	
Test Res	sults [un	nits - W/V	/ in g/cm³	; CEC an	ıd Na in n	neq/100 c	m³; NO₃-	N in mg/	dm³]:				Soil Class	: Mine	eral					
нм%					P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	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	e ID: F4 Recommendations: Lime					ime					Nutri	ents (lb/ac	re)					Mo	re	
	Crop (tons/a					s/acre)	N	P20	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion	
Lime His	story: 1 - Vegetables, other 0.0		0.0	80-10	0 0)	160	0	0	0	0	0	0		Note: 6					
	-		2 - S	oybean			0.0	0	0)	80	0	0	0	0	0	0		Note: 3	
Test Res	sults [un	nits - W/V	/ in g/cm³	; CEC an	m³; NO₃-	N in mg/	dm³]:				Soil Class	: Mine	eral							
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	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		Reco	ommend	ations:	L	ime					Nutri	ents (lb/ac	re)					Moi	re
			Crop)		(ton	s/acre)	N	P20	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	ion
Lime His	story:		1 - V	egetable	s, other		0.0	80-10	0 0)	0	0	0	0	0	0	0		Note: 6	
			2-S	oybean			0.0	0	0)	0	0	0	0	0	0	0		Note: 3	
Test Res	sults [un	nits - W/V	/ in g/cm³	; CEC an	ıd Na in n	neq/100 c	m³; NO₃-	N in mg/	dm³]:				Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	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			Reco	ommenda	ations:		ime						ents (lb/ac	re)			-		Mo	re
-			Crop)		(ton	s/acre)	N	P20	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - S	weetpota	ito		0.0	60-90) 0)	90	0	0	0	0	0	0.5		Note: 6	
	,		2 - S	weetpota	ito		0.0	60-90) 0)	90	0	0	0	0	0	0.5	;	Note: 6	
Test Res	Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³;								 dm³]:				Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	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		
				V.V	V.V				••		•						···	•		

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Sample	ID: F7		Reco	ommend	ations:	L	ime					Nutrie	ents (lb/ac	re)					Mor	·e
			Crop)		(ton	s/acre)	N	P20) 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	ion
Lime His	story:		1 - V	egetable	s, other		0.5	80-10	0 0		120	25	25	0	0	0	0		Note: 6	
			2 - S	oybean			0.0	0	0	١	50	\$	25	0	0	0	0		Note: 3	Note:
Test Res	sults [un	its - W/V	' in g/cm ³	; CEC an	ıd Na in n	neq/100 c	:m³; NO₃-	·N in mg/	dm³]:				Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-I	Na	ESP	SS-I	NO3-l
0.13	1.45	1.8	56	8.0	5.2	161	45	33	10	13	84	60	60	72	72	110	0.1	6		
Sample					ations:		ime					Nutrie	ents (lb/ac	re)					Mor	·e
	ime Historv:)		(ton	s/acre)	N	P20) 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	ion
Lime His	me History:		1 - V	egetable	s, other		0.0	80-10	0 0		160	0	25	0	0	0	0		Note: 6	
			2 - S	oybean			0.0	0	0		80	0	25	0	0	0	0		Note: 3	
Test Res	sults [un	its - W/V	' in g/cm ³	; CEC an	ıd Na in n	neq/100 c	:m³; NO₃-	·N in mg/	dm ³]:				Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-I	Na	ESP	SS-I	NO ₃ -l
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		Reco	ommend	ations:	L	ime					Nutrie	ents (lb/ac	re)					Mor	re
			Crop)		(ton	s/acre)	N	P20	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	ion
Lime His	story:		1 - V	egetable	s, other		0.0	80-10	0 0		20	0	0	0	0	0	0		Note: 6	
			2 - S	oybean			0.0	0	0	1	0	0	0	0	0	0	0		Note: 3	
Test Res	sults [un	its - W/V	' in g/cm ³	; CEC an	ıd Na in n	neq/100 c	:m³; NO₃-	·N in mg/	dm³]:				Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-I	Na	ESP	SS-I	NO ₃ -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)	Reco	ommend	ations:	L	ime					Nutrie	ents (lb/ac	re)					Mor	·e
			Crop)		(ton	s/acre)	N	P20) 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	ion
Lime His	story:			egetable	s, other		0.0	80-10	0 0		150	0	25	0	0	0	0		Note: 6	
			2 - S	oybean			0.0	0	0	1	70	0	25	0	0	0	0		Note: 3	
Test Res	est Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³;							·N in mg/	dm³]:				Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	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		
0.10				٠.,	0.7	.01				- ' '	.01		• •				V. 1			

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Sample	ID: F1	1	Reco	ommend	ations:	L	ime					Nutri	ents (lb/ac	re)					Moi	re
			Crop)		(ton	s/acre)	N	P20) 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetable	s, other		0.0	80-10	0 0		60	0	0	0	0	0	0		Note: 6	
			2 - S	oybean			0.0	0	0)	0	0	0	0	0	0	0		Note: 3	
Test Res	sults [ur	nits - W/V	/ in g/cm³	; CEC an	ıd Na in n	neq/100 c	m³; NO₃-	N in mg/	dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-I	Na	ESP	SS-I	NO3-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				ime					Nutri	ents (lb/ac	re)					Mo	re			
	Crop (tons/		s/acre)	N	P20) 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion				
Lime His	istory: 1 - Vegetables, other			0.0	80-10	0 0		30	0	0	0	0	0	0		Note: 6				
			2-S	oybean			0.0	0	0	1	0	0	0	0	0	0	0		Note: 3	
Test Res	sults [ur	nits - W/V	/ in g/cm³	; CEC an	ıd Na in n	neq/100 c	m³; NO3-	N in mg/	dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-I	Na	ESP	SS-I	NO3-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: G0	2	Reco	ommend	ations:	L	ime					Nutrie	ents (lb/ac	re)					Moi	re
			Crop)		(ton	s/acre)	N	P20	D 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetable	s, other		0.0	80-10	0 0		10	0	0	0	0	0	0		Note: 6	
			2-S	oybean			0.0	0	0)	0	0	0	0	0	0	0		Note: 3	
Test Res	sults [ur	nits - W/V	/ in g/cm³	; CEC an	ıd Na in n	neq/100 c	m³; NO₃-	N in mg/	dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	Na	ESP	SS-I	NO3-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			Reco	ommend			ime				-		ents (lb/ac				-		Mo	re
-			Crop)		(ton	s/acre)	N	P20	D 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	storv:		1 - V	egetable	s, other		0.0	80-10	0 0		0	0	0	0	0	0	0		Note: 6	
0.40 ton	•	2/2017	2-S	oybean			0.0	0	0)	0	0	0	0	0	0	0		Note: 3	
Test Res	st Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³;							N in mg/	dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	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		

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Sample	ID: G0	4	Reco	ommenda	ations:	L	ime					Nutrie	ents (lb/ac	re)					Мо	re
			Crop)		(ton	s/acre)	N	P20	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetable	s, other		0.3	80-10	0 0		160	0	25	0	0	0	0		Note: 6	
			2 - C	orn, grair	า		0.0	120 - 1	60 C)	80	0	25	0	0	0	0		Note: 3	
Test Res	sults [ur	nits - W/V	' in g/cm³	; CEC an	d Na in m	neq/100 c	m³; NO₃-	N in mg/	dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	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	e ID: G05 Recommendations: Lime				-					Nutri	ents (lb/ac	re)					Моі	re		
	Crop (tons/ac				s/acre)	N	P26	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion		
Lime His	story: 1 - Vegetables, other 0.0		0.0	80-10	0 0		110	0	0	0	0	0	0		Note: 6					
			2 - S	oybean			0.0	0	C)	40	0	0	0	0	0	0		Note: 3	
Test Res	sults [ur	nits - W/V	' in g/cm ³	; CEC an	d Na in m	neq/100 c	m³; NO₃-	N in mg/	dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	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 : G0	6	Reco	ommenda	ations:	L	ime					Nutri	ents (lb/ac	re)					Moi	re
			Crop)		(ton	s/acre)	N	P20	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1-S	witchgras	ss		0.0	120-16	30 0		110	0	25	0	0	0	0		Note: 12	<u>2</u>
			2 - S	witchgras	ss		0.0	120-16	60 C)	110	0	25	0	0	0	0		Note: 12	<u>2</u>
Test Res	sults [ur	nits - W/V	' in g/cm ³	; CEC an	d Na in m	neq/100 c	m³; NO₃-	N in mg/	dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	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 : G0	7	Reco	ommenda	ations:	L	ime					Nutri	ents (lb/ac	re)					Moi	re
			Crop)		(ton	s/acre)	N	P20	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - S	witchgras	SS		0.0	120-16	30 0		90	0	25	0	0	0	0		Note: 12	<u>2</u>
			2 - S	witchgras	ss		0.0	120-16	60 C)	90	0	25	0	0	0	0		Note: 12	<u>2</u>
Test Res	t Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; No							N in mg/	dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	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: GO	18	Reco	ommenda	ations:	L	ime					Nutri	ents (lb/ac	re)					Mo	re
			Crop)		(ton	s/acre)	N	P20	O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	storv:		1 - V	egetable	s, other		0.3	80-10	0 0)	150	0	25	0	0	0	0		Note: 6	
			I	orn, grair			0.0	120 - 1	60 C)	70	0	25	0	0	0	0		Note: 3	
Test Re	sults [uɪ	nits - W/V	' in g/cm ³	; CEC an	d Na in n	neq/100 c	:m³; NO₃-	N in mg/	dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-I	Na	ESP	SS-I	NO ₃ -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	le ID: G09 Recommendations:				L	_ime					Nutri	ents (lb/ac	re)					Mo	re	
			(ton	s/acre)	N	P20	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion			
Lime His				0.0	80-10	0 0)	140	0	25	0	0	0	0		Note: 6				
			2 - S	oybean			0.0	0	C)	60	0	25	0	0	0	0		Note: 3	
Test Re	sults [uɪ	nits - W/V	/ in g/cm³	; CEC an	d Na in n	neq/100 c	:m³; NO₃-	N in mg/	dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-I	Na	ESP	SS-I	NO ₃ -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 : G1	0	Reco	ommenda	ations:	L	ime					Nutri	ents (lb/ac	re)					Mo	re
			Crop)		(ton	s/acre)	N	P20	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetable	s, other		0.3	80-10	0 0)	190	25	25	0	0	0	0		Note: 6	
			2 - S	oybean			0.0	0	C)	100	\$	25	0	0	0	0		Note: 3	Note: \$
Test Res	sults [uɪ	nits - W/V	' in g/cm ³	; CEC an	d Na in n	neq/100 c	:m³; NO₃-	N in mg/	dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	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 : G1	1	Reco	ommenda	ations:	L	ime					Nutri	ents (lb/ac	re)					Moi	re
			Crop)		(ton	s/acre)	N	P20	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - H	ardwood	, M		0.0	80-12	0 0)	0	0			0	0	0		Note: 1	<u>1</u>
	-		2 - H	ardwood	, M		0.0	80-12	0 C)	0	0			0	0	0		Note: 1	1
Test Re	sults [uɪ	nits - W/V	' in g/cm ³	; CEC an	d Na in n	neq/100 c	:m³; NO₃-	N in mg/	dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	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 : G1	2	Reco	ommend	ations:	L	Lime					Nutri	ents (lb/acı	re)					Mo	re
			Crop)		(ton	s/acre)	N	P2	O5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	ion
Lime His	story:		1 - H	ardwood	, M		0.0	80-12	0 0)	0	0			0	0	0		Note: 1	<u>1</u>
			2 - H	ardwood	, M		0.0	80-12	0 ()	0	0			0	0	0		Note: 1	<u>1</u>
Test Res	sults [ur	nits - W/V	in g/cm ³	; CEC an	d Na in me	eq/100 c	:m³; NO3-l	N in mg/	dm³]:				Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	Na	ESP	SS-I	NO ₃ -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	mple ID: H02 Recommendations:					I	Lime					Nutrient	s (lb/1000	sq ft)					Moi	re
	Crop (I					(lb/10)00 sq ft)	N	P2	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	ion
Lime His	story:		1 - Pl	lant bed,	vegetable		0.0										0			
			2 - P	lant bed,	vegetable		0.0										0			
Test Res	sults [ur	nits - W/V	' in g/cm ³	; CEC an	ıd Na in me	eq/100 c	:m³; NO3-l	N in mg/	dm³]:				Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	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	1.48	2.7	79	0.6	6.1	278	31	54	19	12	133			341	341	246	0.1	4		
Sample	ID : H0	3	Reco	ommend	ations:	l	Lime					Nutrient	s (lb/1000	sq ft)					Moi	re
-			Crop)		(lb/10	000 sq ft)	N	P ₂	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	ion
Lime His	story:		1 - Pl	lant bed,	vegetable		0.0										0			
			2 - P	lant bed,	vegetable		0.0										0			
Test Res	sults [ur	nits - W/V	' in g/cm ³	; CEC an	ıd Na in me	eq/100 c	:m³; NO3-l	N in mg/	dm³]:				Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-I	Na	ESP	SS-I	NO ₃ -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 : H0	4	Reco	ommend	ations:	L	_ime					Nutrient	s (lb/1000	sq ft)					Moi	re
			Crop)		(lb/10	000 sq ft)	N	P2	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	ion
Lime His	story:		1 - PI	lant bed,	vegetable		0.0					_					0			
	_		2 - P	lant bed,	vegetable		0.0										0			
Test Res	sults [ur	nits - W/V	in g/cm ³	; CEC ar	nd Na in me	eq/100 c	:m³; NO3-l	N in mg/	 dm³]:				Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	Na	ESP	SS-I	NO ₃ -N
0.18	1.52	1.7	68	0.6	5.8	150	18	45	17	8	112			85	85	51	0.1	6		
0.10	1.02	1.7	00	0.0	0.0	100	10	70	17		114			00		J 1	J. I			

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Sample	ID : H0	5	Reco	ommend	ations:	L	_ime					Nutrient	s (lb/1000	sq ft)					Моі	·e
			Crop)		(lb/10	000 sq ft)	N	P2	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	ion
Lime His	story:		1-P	lant bed,	vegetable		15.0					J					0			
			2 - P	lant bed,	vegetable		0.0										0			
Test Res	sults [ur	nits - W/V	' in g/cm³	; CEC an	ıd Na in me	q/100 c	:m³; NO3-N	l in mg/	dm³]:				Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	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	ple ID: K01 Recommendations:						_ime					Nutrie	ents (lb/ac	re)					Моі	e
	Crop History: 1 - Vegetables, other					(ton	s/acre)	N	P2	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	ion
Lime His	- •		s, other		0.5	80-10	0 0)	90	0	0	0	0	0	0		Note: 6			
			2-S	oybean			0.0	0	()	30	0	0	0	0	0	0		Note: 3	
Test Res	sults [ur	nits - W/V	' in g/cm ³	; CEC an	ıd Na in me	q/100 c	:m³; NO3-N	l in mg/	dm³]:				Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	pН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	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: K0	2	Reco	mmend	ations:	ı	_ime						ents (lb/ac	re)					Moi	'e
•			Crop)		(ton	s/acre)	N	P ₂	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	ion
Lime His	storv:		1 - V	egetable	s, other		0.4	80-10			60	0	25	0	0	0	0		Note: 6	
			2 - S	oybean			0.0	0	()	10	0	25	0	0	0	0		Note: 3	
Test Res	sults [ur	nits - W/V	' in g/cm³	; CEC an	ıd Na in me	q/100 c	:m³; NO3-N	l in mg/	dm³]:				Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-I	Na	ESP	SS-I	NO3-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 : K0	3	Reco	ommend	ations:	L	_ime					Nutrie	ents (lb/ac	re)					Моі	·e
			Crop)		(ton	s/acre)	N	P2	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	ion
Lime His	story:		1 - V	egetable	s, other		0.0	80-10	0 0)	100	0	25	0	0	0	0		Note: 6	
			2 - S	oybean			0.0	0	()	40	0	25	0	0	0	0		<u>Note: 3</u>	
Test Res	sults [ur	nits - W/V	' in g/cm ³	; CEC an	ıd Na in me	q/100 c	:m ³ ; NO ₃ -N	l in mg/	dm³]:				Soil Class	s: Mine	eral					<u> </u>
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	Na	ESP	SS-I	NO3-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		
0.21	1.00	0.0	, 0	0.1	J. 1	102	<u> </u>	1.1								, 0	J. 1			

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Sample	ID: K0	4	Reco	ommenda	ations:	L	ime					Nutrie	ents (lb/ac	re)					Moi	re
			Crop)		(ton	s/acre)	N	P20	D 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime Hi	story:		1 - V	egetable	s, other		0.0	80-10	0 40)	50	0	25	0	0	0	0		Note: 6	
			2 - S	oybean			0.0	0	0		0	0	25	0	0	0	0		Note: 3	
Test Re	sults [ur	nits - W/V	' in g/cm ³	; CEC an	d Na in m	neq/100 c	m³; NO₃-	N in mg/	dm³]:				Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-I	Na	ESP	SS-I	NO3-N
0.13	1.33	3.2	80	0.6	6.2	86	81	44	23	19	52	39	39	57	57	101	0.1	3		
Sample	ID: K05 Recommendations: Lime					ime					Nutri	ents (lb/ac	re)					Moi	re	
	Crop (tons/acre					s/acre)	N	P20) 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion	
Lime Hi	story:		1 - V	egetable	s, other		0.0	80-10	0 0		40	0	0	0	0	0	0		Note: 6	
			2-S	oybean			0.0	0	0		0	0	0	0	0	0	0		Note: 3	
Test Re	sults [ur	nits - W/V	' in g/cm ³	; CEC an	d Na in m	neq/100 c	m³; NO₃-	N in mg/	dm³]:				Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-I	Na	ESP	SS-I	NO3-N
0.51	1.36	3.7	77	8.0	6.0	133	89	50	15	28	95	67	67	100	100	197	0.1	3		
Sample	ID : K0	6	Reco	ommenda	ations:	L	ime					Nutrie	ents (lb/ac	re)					Moi	re
			Crop)		(ton	s/acre)	N	P20	D 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime Hi	story:		1 - V	egetable	s, other		0.0	80-10	0 0		40	0	0	0	0	0	0		Note: 6	
			2 - S	oybean			0.0	0	0		0	0	0	0	0	0	0		Note: 3	
Test Re	sults [ur	nits - W/V	' in g/cm ³	; CEC an	d Na in n	neq/100 c	m³; NO₃-	N in mg/	dm³]:				Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	Na	ESP	SS-I	NO3-N
0.51	1.36	4.0	77	0.9	5.9	255	90	49	16	30	139	93	93	146	146	155	0.1	3		
Sample	ID : K0	7	Reco	ommenda	ations:	L	ime					Nutri	ents (lb/ac	re)					Mo	re
			Crop)		(ton	s/acre)	N	P20	D 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetable	s, other		0.0	80-10	0 0		80	0	0	0	0	0	0		Note: 6	
			2 - S	oybean			0.0	0	0		20	0	0	0	0	0	0		Note: 3	
Test Re	sults [ur	nits - W/V	' in g/cm ³	; CEC an	d Na in m	neq/100 c	m³; NO₃-	N in mg/	dm³]:				Soil Class	: Mine	eral					
нм%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-I	Na	ESP	SS-I	NO3-N
0.36	1.41	3.4	77	0.8	5.8	267	65	53	15	35	106	74	74	165	165	73	0.1	3		

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Sample	ID: K0	8	Reco	ommend	ations:	L	ime					Nutri	ents (lb/ac	re)					Mo	re
			Crop)		(ton	s/acre)	N	P20	D 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetable	s, other		0.0	80-10	0 0		60	0	0	0	0	0	0		Note: 6	
			2 - S	oybean			0.0	0	0	١	10	0	0	0	0	0	0		Note: 3	
Test Re	sults [ur	nits - W/V	' in g/cm³	; CEC an	d Na in n	neq/100 c	m³; NO₃-	N in mg/	dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-I	Na	ESP	SS-I	NO ₃ -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					.ime					Nutri	ents (lb/ac	re)					Mo	re	
		tory: Crop (tons/acre					s/acre)	N	P20) 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetable	s, other		0.0	80-10	0 0		40	0	0	0	0	0	0		Note: 6	
			2 - S	oybean			0.0	0	0		0	0	0	0	0	0	0		Note: 3	
Test Re	sults [ur	nits - W/V	' in g/cm ³	; CEC an	d Na in n	neq/100 c	m³; NO3-	N in mg/	dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	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: K1	0	Reco	ommend	ations:	L	ime					Nutri	ents (lb/ac	re)					Moi	re
			Crop			(ton	s/acre)	N	P20	D 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetable	s, other		0.5	80-10	0 0		110	0	25	0	0	0	0		Note: 6	
			2 - S	oybean			0.0	0	0	١	40	0	25	0	0	0	0		Note: 3	
Test Res	sults [ur	nits - W/V	' in g/cm ³	; CEC an	ıd Na in n	neq/100 c	m³; NO₃-	N in mg/	dm³]:				Soil Class	s: Mine	eral					
нм%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	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: K1	1	Reco	ommend	ations:	L	ime					Nutri	ents (lb/ac	re)					Mo	re
			Crop)		(ton	s/acre)	N	P20	D 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetable	s, other		0.4	80-10	0 0		50	0	25	0	0	0	0		Note: 6	
			2 - S	oybean			0.0	0	0	١	0	0	25	0	0	0	0		Note: 3	
Test Re	sults [ur	nits - W/V	' in g/cm ³	; CEC an	ıd Na in n	neq/100 c	m³; NO₃-	N in mg/	dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	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: K1	2	Reco	ommend	ations:	L	ime					Nutri	ents (lb/ac	re)					Moi	re
			Crop)		(ton	s/acre)	N	P20	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	ion
Lime Hi	story:		1 - V	egetable	s, other		0.4	80-10	0 0		60	0	25	0	0	0	0		Note: 6	
			2 - S	oybean			0.0	0	0)	10	0	25	0	0	0	0		Note: 3	
Test Re	sults [ur	nits - W/V	' in g/cm³	; CEC an	d Na in n	neq/100 c	m³; NO₃-	N in mg/	dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-I	Na	ESP	SS-I	NO ₃ -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					_					Nutri	ents (lb/ac	re)					Mo	re	
	Crop (tons/acr					s/acre)	N	P20	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	ion	
Lime Hi	story:	1 - Vegetables, other 0.0 2 - Soybean 0.0		0.0	80-10	0 0		50	0	25	0	0	0	0		Note: 6				
			2 - S	oybean			0.0	0	0)	0	0	25	0	0	0	0		Note: 3	
Test Re	sults [ur	nits - W/V	s - W/V in g/cm ³ ; CEC and Na in meq/100 cm ³ ; NO						dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	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: K1	4	Reco	ommend	ations:	L	ime					Nutri	ents (lb/ac	re)					Mo	re
			Crop)		(ton	s/acre)	N	P20	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	ion
Lime His	story:		1 - V	egetable	s, other		0.0	80-10	0 0		60	0	0	0	0	0	0		Note: 6	
0.30 ton	s/acre; 2	2/2017	2 - S	oybean			0.0	0	C)	10	0	0	0	0	0	0		Note: 3	
Test Re	sults [ur	nits - W/V	' in g/cm ³	; CEC an	d Na in n	neq/100 c	m³; NO₃-	N in mg/	dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	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: K1	5	Reco	ommend	ations:	L	.ime					Nutri	ents (lb/ac	re)					Mo	re
			Crop)		(ton	s/acre)	N	P20	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	ion
Lime His	story:		1 - V	egetable	s, other		0.0	80-10	0 0		80	0	0	0	0	0	0		Note: 6	
			2 - S	oybean			0.0	0	O)	20	0	0	0	0	0	0		Note: 3	
Test Re	sults [ur	nits - W/V	' in g/cm ³	; CEC an	d Na in n	neq/100 c	m³; NO₃-	N in mg/	dm³]:				Soil Class	s: Mine	eral					
нм%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	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		

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Sample	ID: K1	6	Reco	mmenda	ations:	L	ime					Nutri	ents (lb/ac	re)					Moi	re
			Crop)		(ton	s/acre)	N	P20	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetable	s, other		0.3	80-10	0 30)	40	0	0	0	0	0	0		Note: 6	
			2 - S	oybean			0.0	0	0)	0	0	0	0	0	0	0		Note: 3	
Test Re	sults [ur	nits - W/V	/ in g/cm³	; CEC an	d Na in m	neq/100 c	m³; NO3-	N in mg/	dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	Na	ESP	SS-I	NO3-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	Recommendations: Lime					_					Nutri	ents (lb/ac	re)					Mo	re	
	story: Crop (tons/acr					s/acre)	N	P20	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion	
Lime His	story:		1 - V	egetable	s, other		0.3	80-10	0 0		20	0	25	0	0	0	0		Note: 6	
			2-S	oybean			0.0	0	0)	0	0	25	0	0	0	0		Note: 3	
Test Re	sults [ur	nits - W/V	/ in g/cm³	; CEC an	d Na in m	neq/100 c	m³; NO3-	N in mg/	dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-I	Na	ESP	SS-I	NO3-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: K1	8	Reco	mmenda	ations:	L	ime					Nutri	ents (lb/ac	re)					Moi	re
			Crop			(ton	s/acre)	N	P20	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetable	s, other		0.3	80-10	0 70)	50	0	0	0	0	0	0		Note: 6	
			2 - S	oybean	-		0.0	0	0)	0	0	0	0	0	0	0		Note: 3	
Test Res	sults [ur	nits - W/V	/ in g/cm³	; CEC an	d Na in n	neq/100 c	m³; NO₃-	N in mg/	dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	Na	ESP	SS-I	NO3-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: K2	0	Reco	mmenda	ations:	L	ime					Nutri	ents (lb/ac	re)					Mo	re
			Crop)		(ton	s/acre)	N	P20	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetable	s, other		0.0	80-10	0 0		60	0	0	0	0	0	0		Note: 6	
0.30 ton	s/acre; 2	2/2017	2 - S	oybean			0.0	0	0)	10	0	0	0	0	0	0		Note: 3	
Test Re	sults [ur	nits - W/V	/ in g/cm³	; CEC an	d Na in n	neq/100 c	m³; NO₃-	N in mg/	dm³]:				Soil Class	s: Mine	eral		<u> </u>			
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	Na	ESP	SS-I	NO3-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		
			- • •	•			- •		. •						<u> </u>					

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Sample	ID: K2	1	Reco	ommend	ations:	L	ime					Nutri	ents (lb/ac	re)					Mo	re
			Crop)		(ton	s/acre)	N	P20	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetable	s, other		0.3	80-10	0 10)	30	0	0	0	0	0	0		Note: 6	
			2 - S	oybean			0.0	0	0)	0	0	0	0	0	0	0		Note: 3	
Test Res	sults [ur	nits - W/V	' in g/cm ³	; CEC an	d Na in n	neq/100 c	m³; NO3-	N in mg/	dm³]:				Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-I	Na	ESP	SS-I	NO ₃ -N
0.32	1.31	3.3	75	8.0	5.6	114	93	41	19	37	75	55	55	60	60	81	0.1	3		
Sample	ID: K2						_					Nutri	ents (lb/ac	re)					Moi	re
	tory: Crop (tons/acro 1 - Vegetables, other 0.3					•	N	P20	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion	
Lime His	story:		1 - V	egetable	s, other		0.3	80-10	0 0		80	0	0	0	0	0	0		Note: 6	
			2-S	oybean			0.0	0	0		20	0	0	0	0	0	0		Note: 3	
Test Res	sults [ur	nits - W/V	' in g/cm ³	; CEC an	d Na in n	neq/100 c	m³; NO₃-	N in mg/	dm³]:				Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-I	Na	ESP	SS-I	NO3-N
0.60	1.39	3.4	75	8.0	5.7	231	68	48	17	28	115	79	79	92	92	82	0.1	3		
Sample	ID: K2	3	Reco	ommend	ations:	L	.ime					Nutrie	ents (lb/ac	re)					Moi	re
			Crop)		(ton	s/acre)	N	P20	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetable	s, other		0.0	80-10	0 0		40	0	0	0	0	0	0		Note: 6	
			2 - S	oybean			0.0	0	0)	0	0	0	0	0	0	0		Note: 3	
Test Res	sults [ur	nits - W/V	' in g/cm ³	; CEC an	d Na in n	neq/100 c	m³; NO₃-	N in mg/	dm³]:				Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	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	I D : K2	4	Reco	ommend	ations:	L	.ime					Nutri	ents (lb/ac	re)					Mo	re
			Crop)		(ton	s/acre)	N	P20	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetable	s, other		0.0	80-10	0 0		40	0	0	0	0	0	0		Note: 6	
			2 - S	oybean			0.0	0	0)	0	0	0	0	0	0	0		Note: 3	
Test Res	sults [ur	nits - W/V	' in g/cm ³	; CEC an	d Na in n	neq/100 c	m³; NO3-	N in mg/	dm³]:				Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-I	Na	ESP	SS-I	NO3-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		

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Sample	ID: K2	5	Reco	mmend	ations:	L	ime					Nutri	ents (lb/ac	re)					Moi	re
			Crop)		(ton	s/acre)	N	P20	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetable	s, other		0.0	80-10	0 10	0	30	0	0	0	0	0	0		Note: 6	
			2 - S	oybean			0.0	0	20	0	0	0	0	0	0	0	0		Note: 3	
Test Res	sults [un	its - W/V	' in g/cm ³	; CEC an	d Na in n	neq/100 c	m³; NO3-	N in mg/	dm³]:				Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	Na	ESP	SS-I	NO3-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	3										Nutri	ents (lb/ac	re)					Mo	re
			Crop (tons/acre) 1 - Vegetables, other 0.0					N	P20	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	ion
Lime His	story:		1 - V	egetable	s, other		0.0	80-10	0 0		20	0	0	0	0	0	0		Note: 6	
			2 - S	oybean			0.0	0	0)	0	0	0	0	0	0	0		Note: 3	
Test Res	sults [un	its - W/V	' in g/cm³	; CEC an	d Na in n	neq/100 c	m³; NO₃-	N in mg/	dm³]:				Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	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: K2	7	Reco	mmend	ations:	L	ime					Nutri	ents (lb/ac	re)					Moi	re
			Crop)		(ton	s/acre)	N	P20	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	ion
Lime His	story:		1 - V	egetable	s, other		0.3	80-10	0 0		40	0	0	0	0	0	0		Note: 6	
	-		2 - S	oybean			0.0	0	0)	0	0	0	0	0	0	0		Note: 3	
Test Res	sults [un	its - W/V	' in g/cm ³	; CEC an	d Na in n	neq/100 c	m³; NO₃-	N in mg/	dm³]:				Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	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		Reco	mmend	ations:	L	ime					Nutri	ents (lb/ac	re)					Mo	re
			Crop)		(ton	s/acre)	N	P20	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetable	s, other		0.5	80-10	0 0		140	0	0	0	0	0	0		Note: 6	
			2 - S	oybean			0.0	0	0)	60	0	0	0	0	0	0		Note: 3	
Test Res	sults [un	its - W/V	d Na in n	neq/100 c	m³; NO₃-	N in mg/	dm³]:				Soil Class	: Mine	eral							
нм%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	Na	ESP	SS-I	NO3-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		

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Sample	ID: L2		Reco	ommend	ations:	L	ime					Nutrie	ents (lb/ac	re)					Moi	re
			Crop)		(ton	s/acre)	N	P20	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetable	s, other		0.4	80-10	0 0		160	0	25	0	0	0	0		Note: 6	
			2 - S	oybean			0.0	0	0)	80	0	25	0	0	0	0		Note: 3	
Test Res	sults [un	its - W/V	' in g/cm³	; CEC an	d Na in n	neq/100 c	m³; NO3-	N in mg/	dm³]:				Soil Class	: Mine	eral					
нм%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-I	Na	ESP	SS-I	NO ₃ -N
0.36	1.50	2.1	60	8.0	5.4	275	30	38	14	4	67	50	50	50	50	46	0.1	5		
Sample	ID: L4A						_					Nutri	ents (lb/ac	re)					Mo	re
			Crop)		(ton	•	N	P20	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetable	s, other		0.5	80-10	0 90)	70	0	0	0	0	0	0		Note: 6	
			2 - S	oybean			0.0	0	10	0	10	0	0	0	0	0	0		Note: 3	
Test Res	sults [un	its - W/V	' in g/cm ³	; CEC an	d Na in n	neq/100 c	m³; NO3-	N in mg/	dm³]:				Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	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: L4E	3	Reco	ommend	ations:	L	.ime					Nutrie	ents (lb/ac	re)					Moi	re
			Crop			(ton	s/acre)	N	P20	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetable	s, other		0.0	80-10	0 0		170	0	0	pH\$	0	0	0		Note: 6	Note: \$
			2 - S	oybean			0.0	0	O)	90	0	0	рН\$	0	0	0		Note: 3	Note: 9
Test Res	sults [un	its - W/V	' in g/cm ³	; CEC an	d Na in n	neq/100 c	m³; NO₃-	N in mg/	dm³]:				Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	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		Reco	ommend	ations:	L	ime					Nutri	ents (lb/ac	re)					Mo	re
			Crop)		(ton	s/acre)	N	P20	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetable	s, other		0.0	80-10	0 0		160	0	25	0	0	0	0		Note: 6	
			2 - S	oybean			0.0	0	0)	80	0	25	0	0	0	0		Note: 3	
Test Res	sults [un	its - W/V	' in g/cm ³	; CEC an	d Na in n	neq/100 c	m³; NO₃-	N in mg/	dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	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		

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Sample	ID: M2		Reco	ommend	ations:	L	ime					Nutrie	ents (lb/ac	re)					Mo	re
			Crop)		(ton	s/acre)	N	P2	O5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
_ime His	story:		1 - V	egetable	s, other		0.4	80-10	0 0)	110	0	0	0	0	0	0		Note: 6	
).40 ton:	s/acre; 2	2/2017	2 - S	oybean			0.0	0	()	40	0	0	0	0	0	0		Note: 3	
Test Res	sults [ur	nits - W/V	/ in g/cm³	; CEC ar	nd Na in n	neq/100 c	m³; NO₃-	N in mg/	dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	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
0.51	1.43	2.7	61	1.0	5.5	240	52	39	12	30	97	68	68	129	129	92	0.1	4		
ample	nple ID: M3 Recommendations:						ime					Nutrie	ents (lb/ac	re)					Mo	
	Crop History: 1 - Vegetables, other					(ton	s/acre)	N	P2		K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	-		I	•	s, other		0.4	80-10			90	0	25	0	0	0	0		Note: 6	
0.30 tons	s/acre; 2	2/2017	2-S	oybean			0.0	0	()	30	0	25	0	0	0	0		Note: 3	
Test Res	sults [ur	ınits - W/V in g/cm³; CEC and Na in meq/100 cm³;						N in mg/	dm³]:				Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	Na	ESP	SS-I	NO ₃ -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	;	Reco	ommend	ations:	L	ime					Nutrie	ents (lb/ac	re)					Moi	re
			Crop)		(ton	s/acre)	N	P2	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetable	s, other		0.3	80-10	0 0)	60	0	0	0	0	0	0		Note: 6	
			2 - S	oybean			0.0	0	()	10	0	0	0	0	0	0		Note: 3	
Γest Res	sults [ur	nits - W/V	' in g/cm ³	; CEC ar	nd Na in n	neq/100 c	m³; NO3-	N in mg/	dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	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
0.56	1.42	3.3	69	1.0	5.7	224	77	45	13	45	102	71	71	144	144	95	0.1	3		
3ample	ID : M6	i	Reco	ommend	ations:	L	ime					Nutrie	ents (lb/ac	re)					Mo	re
			Crop)		(ton	s/acre)	N	P2	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
ime His	story:		1 - V	egetable	s, other		0.0	80-10	0 0)	90	0	0	0	0	0	0		Note: 6	
			2 - S	oybean			0.0	0	()	20	0	0	0	0	0	0		Note: 3	
est Res	est Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NC							N in mg/	dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	Na	ESP	SS-I	NO ₃ -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	,	Reco	ommenda	ations:	L	ime					Nutri	ents (lb/ac	re)					Moi	re
			Crop	p		(ton	s/acre)	N	P2	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	ion
Lime His	story:		1 - V	egetables	s, other		0.6	80-10	0 0)	160	0	25	0	0	0	0		Note: 6	
			2 - S	oybean			0.0	0	C)	80	0	25	0	0	0	0		Note: 3	
Test Res	sults [ur	nits - W/V	' in g/cm³	; CEC an	d Na in m	neq/100 c	:m³; NO₃-	N in mg/	dm³]:				Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-I	Na	ESP	SS-I	NO3-l
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	ple ID: M8 Recommendations:						ime					Nutri	ents (lb/ac	re)					Mor	·e
	Crop History: 1 - Vegetables, other					(ton	s/acre)	N	P2	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	ion
Lime His	,					0.0	80-10	0 0)	70	0	0	0	0	0	0		Note: 6		
	2 00,200		0.0	0	C)	10	0	0	0	0	0	0		Note: 3					
Test Res	t Results [units - W/V in g/cm³; CEC and Na in meq/1						:m³; NO₃-	N in mg/	dm³]:				Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	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		Reco	ommenda	ations:	L	ime					Nutri	ents (lb/ac	re)					Mor	re
			Crop	p		(ton	s/acre)	N	P2	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	ion
Lime His	story:		1 - V	egetable:	s, other		0.0	80-10	0 0)	80	0	0	0	0	0	0		Note: 6	
			2 - S	oybean			0.0	0	C)	20	0	0	0	0	0	0		Note: 3	
Test Res	sults [ur	nits - W/V	' in g/cm³	; CEC an	ıd Na in m	neq/100 c	:m³; NO₃-	N in mg/	dm³]:				Soil Class	: Mine	eral					
нм%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	Na	ESP	SS-I	NO ₃ -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: M1	1	Reco	ommenda	ations:	L	ime					Nutri	ents (lb/ac	re)					Mor	re T
			Crop	p		(ton	s/acre)	N	P2	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	ion
Lime His	story:		1 - V	egetables	s, other		0.0	80-10	0 0)	10	0	0	0	0	0	0		Note: 6	
			2 - S	oybean			0.0	0	C)	0	0	0	0	0	0	0		Note: 3	
Test Res	sults [ur	nits - W/V	' in g/cm³	; CEC an	ıd Na in m	neq/100 c	:m³; NO₃-	N in mg/	dm³]:				Soil Class	: Mine	eral					
нм%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	Na	ESP	SS-I	NO ₃ -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		
											· •									

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Sample	ID: M1	2	Reco	ommend	ations:	L	ime					Nutri	ents (lb/ac	re)					Mo	re
			Crop)		(ton	s/acre)	N	P20	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetable	s, other		0.0	80-10	0 0)	10	0	0	0	0	0	0		Note: 6	
			2 - S	oybean			0.0	0	C)	0	0	0	0	0	0	0		Note: 3	
Test Re	sults [ur	nits - W/V	' in g/cm ³	; CEC an	d Na in m	neq/100 c	m³; NO3-	N in mg/	dm³]:				Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	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: Lime					ime					Nutri	ents (lb/ac	re)					Mo	re	
		Crop (tons/acre					s/acre)	N	P20	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	tory: 1 - Vegetables, other 0.0			0.0	80-10	0 0)	0	0	0	0	0	0	0		Note: 6				
			2-S	oybean			0.0	0	C)	0	0	0	0	0	0	0		Note: 3	
Test Re	sults [ur	nits - W/V	' in g/cm ³	; CEC an	d Na in m	neq/100 c	m³; NO3-	N in mg/	dm³]:				Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	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: M1	5	Reco	ommend	ations:	L	ime					Nutrie	ents (lb/ac	re)					Moi	re
			Crop)		(ton	s/acre)	N	P20	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetable	s, other		0.0	80-10	0 0)	20	0	0	0	0	0	0		Note: 6	
			2 - S	oybean			0.0	0	C)	0	0	0	0	0	0	0		Note: 3	
Test Res	sults [ur	nits - W/V	' in g/cm ³	; CEC an	d Na in n	neq/100 c	m³; NO₃-	N in mg/	dm³]:				Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	Na	ESP	SS-I	NO3-N
0.27	1.36	3.5	78	8.0	6.0	135	104	45	18	39	74	54	54	78	78	71	0.1	3		
Sample	ID: N0	2	Reco	ommend	ations:	L	ime					Nutri	ents (lb/ac	re)					Mo	re
			Crop)		(ton	s/acre)	N	P20	O5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetable	s, other		0.3	80-10	0 60	0	40	0	0	0	0	0	0		Note: 6	
			2 - S	oybean			0.0	0	C)	0	0	0	0	0	0	0		Note: 3	
Test Re	sults [ur	nits - W/V	' in g/cm ³	; CEC an	d Na in m	neq/100 c	m³; NO3-	N in mg/	dm³]:				Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	Na	ESP	SS-I	NO3-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: N0	3	Reco	ommenda	ations:	L	ime					Nutrie	ents (lb/ac	re)					Mo	re
			Crop)		(ton	s/acre)	N	P2	O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	ion
Lime His	story:		1 - V	egetable	s, other		0.0	80-10	0 0)	60	0	0	0	0	0	0		Note: 6	
			2 - S	oybean			0.0	0	C)	0	0	0	0	0	0	0		Note: 3	
Test Res	sults [ur	nits - W/V	/ in g/cm³	; CEC an	d Na in m	neq/100 c	:m³; NO₃-	N in mg/	dm³]:				Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-I	Na	ESP	SS-I	NO ₃ -N
0.22	1.39			79	46	20	28	76	52	52	141	141	102	0.1	3					
Sample	ID : N0	4	Reco	ommend	ations:		_					Nutrie	ents (lb/ac	re)					Moi	re
		Crop (tons/ac					•	N	P2	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	ion
Lime His	story:		1 - V	egetable	s, other		0.0	80-10	0 0)	90	0	0	0	0	0	0		Note: 6	
			2 - S	oybean			0.0	0	C)	30	0	0	0	0	0	0		Note: 3	
Test Res	sults [ur	nits - W/V	/ in g/cm³	; CEC an	ıd Na in n	neq/100 c	:m³; NO₃-	N in mg/	dm³]:				Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	Na	ESP	SS-I	NO ₃ -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: N0	5	Reco	ommend	ations:	L	ime					Nutrie	ents (lb/ac	re)					Moi	re
			Crop)		(ton	s/acre)	N	P2	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	ion
Lime His	story:		1 - V	egetable	s, other		0.0	80-10	0 0)	80	0	0	0	0	0	0		Note: 6	
			2 - S	oybean			0.0	0	C)	20	0	0	0	0	0	0		Note: 3	
Test Res	sults [ur	nits - W/V	/ in g/cm³	; CEC an	d Na in m	neq/100 c	:m³; NO₃-	N in mg/	dm³]:				Soil Class	: Mine	eral					
нм%	W/V	CEC	BS%	Ac	рН	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	1.37	2.8	78	0.6	6.2	142	65	47	20	26	49	37	37	66	66	69	0.1	4		
Sample	ID : N0	6	Reco	ommenda	ations:	L	_ime					Nutrie	ents (lb/ac	re)					Moi	re
			Crop)		(ton	s/acre)	N	P2	O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetable	s, other		0.0	80-10	0 0)	30	0	0	0	0	0	0		Note: 6	
0.30 tons	s/acre; 2	2/2017	2 - S	oybean			0.0	0	C)	0	0	0	0	0	0	0		<u>Note: 3</u>	
Test Res	sults [ur	nits - W/V	/ in g/cm³	; CEC an	ıd Na in n	neq/100 c	:m³; NO₃-	N in mg/	dm³]:			<u> </u>	Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	Na	ESP	SS-I	NO ₃ -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		
0.02	1.00	<u> </u>	, ,	V.,	٠. ٠	.00					. 0	٠.	٠.	, ,	, ,		U . 1			

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Sample	ID: NO	7	Reco	mmend	ations:	L	ime					Nutrie	ents (lb/ac	re)					Mo	re
			Crop)		(ton	s/acre)	N	P20	O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetable	s, other		0.4	80-10	0 0		10	0	0	0	0	0	0		Note: 6	
			2 - S	oybean			0.0	0	C)	0	0	0	0	0	0	0		Note: 3	
Γest Res	sults [uɪ	nits - W/V	' in g/cm ³	; CEC an	nd Na in n	neq/100 c	m³; NO₃-	·N in mg/	dm³]:				Soil Class	s: Mine	eral					
HM%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	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 : N1	0	Reco	mmend	ations:		ime					Nutrie	ents (lb/ac	re)					Mo	
			Crop			(ton	s/acre)	N	P20		K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	
Lime His	•		1	egetable	s, other		0.0	80-10			100	0	25	0	0	0	0		Note: 6	
0.40 ton	s/acre; 2	2/2017	2 - S	oybean			0.0	0	C)	30	0	25	0	0	0	0		Note: 3	
rest Res	st Results [units - W/V in g/cm³; CEC and Na in me					neq/100 c	m³; NO₃-	·N in mg/	dm³]:				Soil Class	s: Mine	eral					
HM%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	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: N1	1	Reco	mmend	ations:	L	ime					Nutrie	ents (lb/ac	re)					Moi	re
			Crop)		(ton	s/acre)	N	P20	O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetable	s, other		0.0	80-10	0 0		90	0	25	0	0	0	0		Note: 6	
			2 - S	oybean			0.0	0	C)	20	0	25	0	0	0	0		Note: 3	
Γest Res	sults [uɪ	nits - W/V	in g/cm³	; CEC an	nd Na in m	neq/100 c	m³; NO₃-	·N in mg/	dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	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 : N1	2	Reco	mmend	ations:		ime					Nutrie	ents (lb/ac	re)					Mo	re
			Crop			(ton	s/acre)	N	P26	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
_ime His	story:		1	egetable	s, other		0.4	80-10	0 0		50	0	0	0	0	0	0		Note: 6	
			2 - S	oybean			0.0	0	C)	0	0	0	0	0	0	0		Note: 3	
est Res	est Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; No							·N in mg/	dm³]:				Soil Class	s: Mine	eral					
нм%	W/V	CEC	BS%	Ac	рН	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	1.35	3.0	68	1.0	5.6	153	80	37	17	47	54	42	42	50	50	84	0.1	3		
V.—.		V.V			V.V				• • •		<u> </u>					•	···			

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Sample	ID : N1	3	Reco	mmenda	ations:	L	_ime					Nutri	ents (lb/ac	re)					Mo	re
			Crop)		(ton	s/acre)	N	P20	O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetables	s, other		0.4	80-10	0 80)	0	0	0	0	0	0	0		Note: 6	
0.40 tons	s/acre; 2	2/2017	2 - S	oybean			0.0	0	C)	0	0	0	0	0	0	0		Note: 3	
Test Res	sults [ur	nits - W/V	/ in g/cm³	; CEC an	d Na in m	neq/100 c	:m³; NO₃-	N in mg/	dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	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: N1	4	Reco	mmenda	ations:	L	ime					Nutri	ents (lb/ac	re)					Mo	re
	Crop (tons/ac					s/acre)	N	P20	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion	
Lime His	story:	: 1 - Vegetables, other 0.0		0.0	80-10	0 30)	10	0	0	0	0	0	0		Note: 6				
			2-S	oybean			0.0	0	0)	0	0	0	0	0	0	0		Note: 3	
Test Res	sults [ur	nits - W/V	/ in g/cm³	; CEC an	d Na in m	neq/100 c	:m³; NO₃-	N in mg/	dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	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: N1	5	Reco	mmenda	ations:	L	_ime					Nutri	ents (lb/ac	re)					Moi	re
			Crop			(ton	s/acre)	N	P20	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetables	s, other		0.0	80-10	0 0		20	0	0	0	0	0	0		Note: 6	
			2 - S	oybean			0.0	0	O)	0	0	0	0	0	0	0		Note: 3	
Test Res	sults [ur	nits - W/V	' in g/cm ³	; CEC an	d Na in m	neq/100 c	:m³; NO₃-	N in mg/	dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	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: N1	7	Reco	mmenda	ations:	L	ime					Nutri	ents (lb/ac	re)					Mo	re
			Crop)		(ton	s/acre)	N	P20	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetables	s, other		0.0	80-10	0 0		70	0	25	0	0	0	0		Note: 6	
0.30 tons	s/acre; 2	2/2017	2 - S	oybean			0.0	0	0)	10	0	25	0	0	0	0		Note: 3	
Test Res	sults [ur	nits - W/V	/ in g/cm³	; CEC an	d Na in n	neq/100 c	:m³; NO₃-	N in mg/	dm³]:				Soil Class	s: Mine	eral					
нм%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	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		
							. •						. •		. •			•		

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Sample	ID : N1	8	Reco	mmenda	ations:	L	ime					Nutri	ents (lb/ac	re)					Mo	re
			Crop)		(ton	s/acre)	N	P2	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetable	s, other		0.3	80-10	0 0)	50	0	0	0	0	0	0		Note: 6	
0.40 tons	s/acre; 2	2/2017	2 - S	oybean			0.0	0	C)	0	0	0	0	0	0	0		Note: 3	
Test Res	sults [ur	nits - W/V	/ in g/cm³	; CEC an	d Na in n	neq/100 c	m³; NO3-	N in mg/	dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-I	Na	ESP	SS-I	NO ₃ -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: N1	9	Reco	mmenda	ations:		ime					Nutri	ents (lb/ac	re)					Mo	re
			Crop)		(ton	s/acre)	N	P2	O5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetable	s, other		0.3	80-10	0 0)	80	0	0	0	0	0	0		Note: 6	
			2 - S	oybean			0.0	0	C)	20	0	0	0	0	0	0		Note: 3	
Test Res	sults [ur	nits - W/V	/ in g/cm³	; CEC an	d Na in n	neq/100 c	m³; NO3-	N in mg/	dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	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: N2	0	Reco	mmenda	ations:	L	ime						ents (lb/ac	re)					Mo	re
-			Crop)		(ton	s/acre)	N	P ₂	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetable	s, other		0.4	80-10			0	0	0	0	\$	0	0		Note: 6	Note:
			2 - S	oybean			0.0	0	C)	0	0	0	0	6	0	0		Note: 3	
Test Res	sults [ur	nits - W/V	/ in g/cm³	; CEC an	ıd Na in n	neq/100 c	m³; NO₃-	N in mg/	dm³]:				Soil Class	s: Mine	eral					
нм%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-Al1	Mn-Al2	Zn-l	Zn-Al	Cu-I	Na	ESP	SS-I	NO ₃ -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		1	Reco	mmenda	ations:	L	ime					Nutri	ents (lb/ac	re)					Mo	re
			Crop)		(ton	s/acre)	N	P ₂	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetable	s, other		0.0	80-10	0 11	0	0	0	0	0	0	0	0		Note: 6	
			2 - S	oybean			0.0	0	2	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; NO ₃ -N in mg/dm³]:												Soil Class	s: Mine	eral						
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	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: N2	2	Reco	mmend	ations:	I	_ime					Nutri	ents (lb/ac	re)					Мо	re
			Crop)		(ton	s/acre)	N	P2	O5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetable	s, other		0.0	80-10	0 11	0	0	0	0	0	0	0	0		Note: 6	
			2 - S	oybean			0.0	0	3	0	0	0	0	0	0	0	0		Note: 3	
Test Res	sults [ur	nits - W/V	' in g/cm ³	; CEC an	d Na in m	neq/100 d	:m³; NO₃-	-N in mg/	dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-I	Na	ESP	SS-I	NO ₃ -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 : N2	4	Reco	mmend	ations:		_ime					Nutri	ents (lb/ac	re)					Мо	re
			Crop)		(ton	s/acre)	N	P2	O5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - G	rape, M			0.5	Note 1	18 0)	20	0	0	0	0	0	0.5	5	Note: 18	<u>8</u>
0.60 tons	s/acre; 2	2/2017	2-G	rape, M			0.0	Note 1	8 0)	20	0	0	0	0	0	0.5	5	Note: 18	<u>8</u>
Test Res	tons/acre; 2/2017 2 - Grape, M 0.0 Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³;						:m³; NO₃-	·N in mg/	dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	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	1.26	4.2	71	1.2	5.5	105	67	38	25	40	53	49	49	135	135	57	0.1	2		
Sample	ID: N2	5		mmend	ations:		ime						ents (lb/ac	re)					Мо	re
			Crop				s/acre)	N	P ₂	O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	
Lime His	storv:			egetable:	s, other	•	0.0	80-10			30	0	0	0	0	0	0		Note: 6	
0.30 tons	-	2/2017		orn, graiı			0.0	120 - 1	60 0)	0	0	0	0	0	0	0		Note: 3	
Test Res	sults [ur	nits - W/V	in g/cm ³	; CEC an	d Na in m	neq/100 d	:m³; NO₃-	-N in mg/	dm³]:				Soil Class	s: Mine	eral					
нм%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	Na	ESP	SS-I	NO ₃ -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				mmend			_ime						ents (lb/ac					Ť	Мо	re
			Crop				s/acre)	N	P ₂	O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	
Lime His	storv:			egetable:	s, other	•	0.0	80-10			0	0	0	0	\$	0	0			Note: 9
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			orn, graiı	-		0.0	120 - 1	60 1	0	0	0	0	0	6	0	0		Note: 3	
Test Res	est Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; N							-N in mg/	dm ³]:				Soil Class	s: Mine	eral			•		
нм%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-l	Zn-Al	Cu-I	Na	ESP	SS-I	NO ₃ -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		
00	1.00	0.0	<u> </u>	<u> </u>	0.0	<u> </u>											<u> </u>			

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Sample	ID: N2	7	Reco	mmend	ations:		Lime					Nutri	ents (lb/ac	re)					Mo	re
			Crop)		(tor	s/acre)	N	P ₂	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	ion
Lime His	storv:		1 - V	egetable	s, other		0.4	80-10	0 7	0	10	0	0	0	\$	0	0		Note: 6	Note:
			2-C	orn, graiı	<u>1</u>		0.0	120 - 1	60 ()	0	0	0	0	6	0	0		Note: 3	
Test Res	sults [ur	nits - W/V	/ in g/cm³	; CEC an	d Na in n	neq/100 d	cm³; NO₃	·N in mg/	dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-I	Na	ESP	SS-I	NO ₃ -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 : N2	8	Reco	mmend	ations:	I	Lime					Nutri	ents (lb/ac	re)					Moi	re
			Crop)		(tor	is/acre)	N	P2	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetable	s, other		0.3	80-10	0 1	0	10	0	0	0	0	0	0		Note: 6	
			2 - C	orn, graiı	า		0.0	120 - 1	60)	0	0	0	0	0	0	0		Note: 3	
Test Res	2 - Corn, grain 0.0 Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³;						cm³; NO₃-	·N in mg/	dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	Na	ESP	SS-I	NO ₃ -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 : N2	9	Reco	mmend	ations:		Lime					Nutrie	ents (lb/ac	re)					Moi	re
			Crop)		(tor	s/acre)	N	P ₂	O5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	ion
Lime His	story:		1 - V	egetable	s, other		0.0	80-10	0 1	10	20	0	0	0	0	0	0		Note: 6	
			2 - C	orn, graiı	า		0.0	120 - 1	60 2	.0	0	0	0	0	0	0	0		Note: 3	
Test Res	sults [ur	nits - W/V	/ in g/cm³	; CEC an	ıd Na in n	neq/100 d	cm³; NO₃	·N in mg/	dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	Na	ESP	SS-I	NO ₃ -N
0.18	1.32	3.3	77	8.0	6.0	53	108	36	24	26	45	37	44	30	30	44	0.1	3		
Sample	ID : N3	0	Reco	mmend	ations:		Lime					Nutri	ents (lb/ac	re)					Moi	re
			Crop)		(tor	s/acre)	N	P ₂	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	ion
Lime His	story:		1 - V	egetable	s, other		0.0	80-10	0 10	00	10	0	0	0	0	0	0		Note: 6	
0.30 tons	s/acre; 2	2/2017	2 - C	orn, graiı	า		0.0	120 - 1	60 1	0	0	0	0	0	0	0	0		Note: 3	
Test Res	st Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³;								dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	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		

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Sample	ID : N3	1	Reco	ommend	ations:		Lime					Nutri	ents (lb/ac	re)					Мо	re
			Crop)		(ton	s/acre)	N	P2	O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetable	s, other		0.0	80-10	0 6	0	0	0	0	0	0	0	0		Note: 6	
			2 - C	orn, graii	า		0.0	120 - 1	60 ()	0	0	0	0	0	0	0		Note: 3	
Test Res	sults [ur	nits - W/V	' in g/cm³	; CEC an	d Na in m	neq/100 c	:m³; NO₃-	-N in mg/	dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	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 : N3	2	Reco	ommend	ations:	I	_ime					Nutri	ents (lb/ac	re)					Mo	re
			Crop)		(ton	s/acre)	N	P2	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetable	s, other		0.0	80-10	0 7	0	10	0	0	0	0	0	0		Note: 6	
	_		2 - C	orn, graiı	1		0.0	120 - 1	60 ()	0	0	0	0	0	0	0		Note: 3	
Test Res	2 - Corn, grain 0.0 Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³;						:m³; NO₃-	·N in mg/	dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	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 : N3	3	Reco	ommend	ations:		Lime					Nutri	ents (lb/ac	re)					Мо	re
			Crop)		(ton	s/acre)	N	P2	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetable	s, other		0.0	80-10	0 13	80	20	0	0	\$	0	0	0		Note: 6	Note: \$
			2 - C	orn, graii	า		0.0	120 - 1	60 4	0	0	0	0		0	0	0		Note: 3	
Test Res	sults [ur	nits - W/V	' in g/cm ³	; CEC an	d Na in m	neq/100 d	:m³; NO₃-	·N in mg/	dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	Na	ESP	SS-I	NO3-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 : N3	4	Reco	ommend	ations:		_ime					Nutri	ents (lb/ac	re)					Мо	re
			Crop)		(ton	s/acre)	N	P2	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetable	s, other		0.0	80-10	0 9	0	10	0	0	0	0	0	0		Note: 6	
0.40 ton	s/acre; 2	2/2017	2 - C	orn, graiı	า		0.0	120 - 1	60 ()	0	0	0	0	0	0	0		Note: 3	
Test Res	et Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³;							-N in mg/	dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	Na	ESP	SS-I	NO3-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		

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Sample	ID : 01		Reco	mmend	ations:	L	ime					Nutri	ents (lb/ac	re)					Мо	re
			Crop)		(ton	s/acre)	N	P20	O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1-S	weetpota	ito		0.4	60-90	0 0)	0	0	0	0	0	0	0.5	5	Note: 6	
			2 - C	orn, graiı	n		0.0	120 - 1	60 0)	0	0	0	0	0	0	0		Note: 3	
Test Res	sults [un	its - W/V	/ in g/cm³	; CEC an	nd Na in n	neq/100 c	:m³; NO₃-	-N in mg/	dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	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	le ID: 02 Recommendations: Lime				₋ime					Nutri	ents (lb/ac	re)					Мо	re		
			Crop)		(ton	s/acre)	N	P20	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - S	weetpota	ito		0.0	60-90	0 0)	0	0	0	0	0	0	0.5	5	Note: 6	
	-		2 - C	orn, graiı	n		0.0	120 - 1	60 0)	10	0	0	0	0	0	0		Note: 3	
Test Res	2 - Corn, grain 0.0 esults [units - W/V in g/cm³; CEC and Na in meq/100 cm³; N						:m³; NO₃-	-N in mg/	dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-I	Na	ESP	SS-I	NO3-N
0.22	1.42	3.5	78	8.0	6.1	110	74	47	21	26	71	58	58	138	138	150	0.1	3		
Sample	ID : 03		Reco	mmend	ations:	L	ime					Nutri	ents (lb/ac	re)					Мо	re
			Crop)		(ton	s/acre)	N	P20	O5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1-S	weetpota	ito		0.5	60-90	0 0)	0	0	0	0	0	0	0.5	;	Note: 6	
			2 - C	orn, graii	n		0.0	120 - 1	60 0)	0	0	0	0	0	0	0		Note: 3	
Test Res	sults [un	its - W/V	/ in g/cm³	; CEC an	nd Na in n	neq/100 c	:m³; NO₃	-N in mg/	dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	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		Reco	mmend	ations:	L	ime					Nutri	ents (lb/ac	re)					Мо	re
			Crop)		(ton	s/acre)	N	P20	O5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1-S	weetpota	ito		0.3	60-90	0 0)	0	0	0	0	0	0	0.5	;	Note: 6	
			2 - C	orn, graiı	n		0.0	120 - 1	60 0)	0	0	0	0	0	0	0		Note: 3	
Test Res	st Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; N								dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	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		Reco	ommenda	ations:	L	_ime					Nutrie	ents (lb/ac	re)					Мо	re
			Crop)		(ton	s/acre)	N	P2	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - S	weetpota	ito		0.4	60-90) ()	0	0	0	0	0	0	0.5		Note: 6	
			2 - C	orn, grair	า		0.0	120 - 1	60 ()	0	0	0	0	0	0	0		Note: 3	
Test Res	sults [un	its - W/V	/ in g/cm³	; CEC an	d Na in n	neq/100 c	:m³; NO₃-	N in mg/	dm³]:				Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	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
0.27	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		Reco	ommenda	ations:		₋ime					Nutrie	ents (lb/ac	re)					Мо	re
			Crop)		(ton	s/acre)	N		O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	ion
Lime His	History:		1 - S	weetpota	ito		0.4	60-90) ()	0	0	0	0	0	0	0.5		Note: 6	
			2 - C	orn, grair	า		0.0	120 - 1	60 ()	0	0	0	0	0	0	0		Note: 3	
Test Res	2 - Corn, grain est Results [units - W/V in g/cm³; CEC and I					neq/100 c	:m³; NO₃-	N in mg/	dm³]:				Soil Class	: Mine	eral					
НМ%	Results [units - W/V in g/cm³; C		Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	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		Reco	ommenda	ations:	L	ime					Nutrie	ents (lb/ac	re)					Мо	re
			Crop)		(ton	s/acre)	N	P2	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	ion
Lime His	story:		1 - S	weetpota	ito		0.0	60-90) ()	0	0	0	0	0	0	0.5		Note: 6	
			2 - C	orn, grair	า		0.0	120 - 1	60 ()	0	0	0	0	0	0	0		Note: 3	
Test Res	sults [un	its - W/V	/ in g/cm³	; CEC an	d Na in n	neq/100 c	:m³; NO₃-	N in mg/	dm³]:				Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	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
0.32	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		Reco	ommenda	ations:	L	_ime					Nutrie	ents (lb/ac	re)					Мо	re
			Crop)		(ton	s/acre)	N	P2	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	ion
Lime His	story:		1 - S	weetpota	ito		0.3	60-90) ()	0	0	0	0	0	0	0.5		Note: 6	
			2 - C	orn, grair	า		0.0	120 - 1	60 ()	0	0	0	0	0	0	0		Note: 3	
Test Res	st Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; N							N in mg/	dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	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		Reco	mmend	ations:	L	ime					Nutri	ents (lb/ac	re)					Мо	re
			Crop)		(ton	s/acre)	N	P20	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - S	weetpota	ito		0.5	60-90	0 0		0	0	0	0	0	0	0.5	5	Note: 6	
			2 - C	orn, graiı	า		0.0	120 - 1	60 0)	0	0	0	0	0	0	0		Note: 3	
Test Res	sults [uɪ	nits - W/V	/ in g/cm³	; CEC an	d Na in n	neq/100 c	:m³; NO₃-	-N in mg/	dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	Na	ESP	SS-I	NO ₃ -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 : 01	0	Reco	mmend	ations:	L	₋ime					Nutri	ents (lb/ac	re)					Мо	re
			Crop)		(ton	s/acre)	N	P20	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - S	weetpota	ito		0.3	60-90	0 0		0	0	0	0	0	0	0.5	5	Note: 6	
0.40 ton	s/acre; 2	2/2017	2 - C	orn, graii	า		0.0	120 - 1	60 0)	0	0	0	0	0	0	0		Note: 3	
Test Res	tons/acre; 2/2017 2 - Corn, grain Results [units - W/V in g/cm³; CEC and Na in meq/100						:m³; NO₃-	·N in mg/	dm³]:				Soil Class	s: Mine	eral					
НМ%	-		P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	Na	ESP	SS-I	NO ₃ -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 : 01	1	Reco	mmend	ations:		_ime					Nutri	ents (lb/ac	re)					Мо	re
-			Crop			(ton	s/acre)	N	P20	O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	storv:			weetpota	ito	•	0.4	60-90			0	0	0	0	0	0	0.5	;	Note: 6	
				orn, graiı			0.0	120 - 1	60 0)	0	0	0	0	0	0	0		Note: 3	
Test Res	sults [uɪ	nits - W/V	/ in g/cm³	; CEC an	ıd Na in n	neq/100 c	:m³; NO₃-	-N in mg/	dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	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 : 01:	2	Reco	mmend	ations:	L	ime					Nutri	ents (lb/ac	re)					Мо	re
			Crop)		(ton	s/acre)	N	P20	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - S	weetpota	ito		0.5	60-90	0 0		0	0	0	0	0	0	0.5	5	Note: 6	
			2-C	orn, graiı	า		0.0	120 - 1	60 0)	0	0	0	0	0	0	0		Note: 3	
Test Res	t Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; N								dm³]:				Soil Class	s: Mine	eral					
нм%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	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 : 01:	3	Reco	mmend	ations:		ime					Nutri	ents (lb/ac	re)					Мо	re
			Crop)		(ton	s/acre)	N	P ₂	O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	storv:			weetpota	ito		0.0	60-90) 2	0	0	0	0	0	0	0	0.5	5	Note: 6	
0.60 tons	•	2/2017	2-C	orn, graiı	า		0.0	120 - 1	60 1	0	0	0	0	0	0	0	0		Note: 3	
Test Res	sults [ur	nits - W/V	/ in g/cm³	; CEC an	ıd Na in n	neq/100 c	:m³; NO₃-	·N in mg/	dm³]:				Soil Class	s: Mine	eral					
нм%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	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	le ID: 014 Recommendations: Lime					_ime					Nutri	ents (lb/ac	re)					Мо	re	
	Crop (tons/ac					s/acre)	N	P2	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion	
Lime His	story:		1-S	weetpota	ito		0.3	60-90) ()	0	0	0	0	0	0	0.5	5	Note: 6	
	_		2-C	orn, graiı	า		0.0	120 - 1	60 ()	0	0	0	0	0	0	0		Note: 3	
Test Res	2 - Corn, grain 0.0 Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; N							·N in mg/	dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	Na	ESP	SS-I	NO ₃ -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 : 01:	5	Reco	mmend	ations:		ime					Nutri	ents (lb/ac	re)					Mo	re
			Crop)		(ton	s/acre)	N	P ₂	O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1-S	weetpota	ito		0.0	60-90) ()	0	0	0	0	0	0	0.5	5	Note: 6	
			2 - C	orn, graiı	า		0.0	120 - 1	60 ()	0	0	0	0	0	0	0		Note: 3	
Test Res	sults [ur	nits - W/V	/ in g/cm³	; CEC an	ıd Na in n	neq/100 c	:m³; NO₃-	·N in mg/	dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-Al1	Mn-Al2	Zn-l	Zn-Al	Cu-l	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 : 01	6	Reco	mmend	ations:		ime					Nutri	ents (lb/ac	re)					Мо	re
			Crop)		(ton	s/acre)	N	P ₂	O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1-S	weetpota	ito		0.0	60-90) ()	0	0	0	0	0	0	0.5	5	Note: 6	
			2 - C	orn, graiı	า		0.0	120 - 1	60 ()	0	0	0	0	0	0	0		Note: 3	
Test Res	st Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; N								dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	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		

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Sample	ID : 017	7	Reco	ommend	ations:	l	Lime					Nutrie	ents (lb/ac	re)					Моі	re
-			Crop)		(ton	s/acre)	N	P ₂	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	storv:			weetpota	ato		0.0	60-90) ()	0	0	0	0	0	0	0.5	5	Note: 6	
0.30 ton	-	/2017	2 - C	orn, graii	n		0.0	120 - 1	60 ()	0	0	0	0	0	0	0		Note: 3	
Test Res	sults [un	nits - W/V	/ in g/cm³	; CEC an	nd Na in m	neq/100 c	:m³; NO₃-	·N in mg/	dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	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	3	Reco	ommend	ations:		Lime					Nutrie	ents (lb/ac	re)					Моі	re
			Crop)		(ton	is/acre)	N	P2	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1-S	weetpota	ato		0.0	60-90) ()	0	0	0	0	0	0	0.5	5	Note: 6	
	_		2 - C	orn, graii	n		0.0	120 - 1	60 ()	0	0	0	0	0	0	0		Note: 3	
Test Res	sults [ur	2 - Corn, grain 0.0 s [units - W/V in g/cm³; CEC and Na in meq/100 cm³; N							dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	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		Reco	ommend	ations:		Lime					Nutrie	ents (lb/ac	re)					Moi	re
			Crop)		(ton	s/acre)	N	P2	O5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetable	s, other		0.0	80-10	0 4	0	10	0	0	0	0	0	0		Note: 6	_
			2 - C	orn, graii	n		0.0	120 - 1	60 ()	0	0	0	0	0	0	0		Note: 3	i
Test Res	sults [ur	nits - W/V	/ in g/cm³	; CEC an	nd Na in m	neq/100 c	cm³; NO₃-	·N in mg/	dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-Al1	Mn-Al2	Zn-l	Zn-Al	Cu-l	Na	ESP	SS-I	NO ₃ -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		Reco	ommend	ations:	l	Lime					Nutrie	ents (lb/ac	re)					Moi	re
			Crop)		(ton	s/acre)	N	P2	O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetable	s, other		0.5	80-10	0 3	0	80	0	25	0	0	0	0		Note: 6	-
			2 - C	orn, graii	n		0.0	120 - 1	60 ()	20	0	25	0	0	0	0		Note: 3	i
Test Res	sults [un	nits - W/V	/ in g/cm³	; CEC an	nd Na in m	neq/100 c	:m³; NO₃-	·N in mg/	dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	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		Reco	ommend	ations:	l	Lime					Nutri	ents (lb/ac	re)					Мо	re
			Crop)		(ton	s/acre)	N	P ₂	O5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	storv:		1 _{1 - V}	egetable	s, other		0.4	80-10	0 2	0	20	0	0	0	0	0	0		Note: 6	
			2-C	orn, graiı	n		0.0	120 - 1	60 ()	0	0	0	0	0	0	0		Note: 3	
Test Res	sults [ur	nits - W/V	/ in g/cm³	; CEC an	ıd Na in n	neq/100 c	:m³; NO₃	N in mg/	/dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	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		Reco	ommend	ations:		_ime					Nutri	ents (lb/ac	re)					Мо	re
			Crop)		(ton	s/acre)	N	P2	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetable	s, other		0.0	80-10	0 ()	30	0	0	0	0	0	0		Note: 6	
0.40 ton	s/acre; 2	2/2017	2 - C	orn, graii	n		0.0	120 - 1	60 ()	0	0	0	0	0	0	0		Note: 3	
Test Res	sults [ur	nits - W/V	/ in g/cm³	; CEC an	ıd Na in m	neq/100 c	:m³; NO₃	·N in mg/	/dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	Na	ESP	SS-I	NO ₃ -N
0.36	1.41	3.1	76	8.0	5.8	151	93	41	20	40	69	51	58	56	56	66	0.1	3		
Sample	ID : P5		Reco	ommend	ations:		Lime					Nutri	ents (lb/ac	re)					Мо	re
			Crop)		(ton	s/acre)	N	P ₂	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetable	s, other		0.4	80-10	0 16	60	0	0	0	0	0	0	0		Note: 6	
			2 - C	orn, graiı	n		0.0	120 - 1	60 6	0	0	0	0	0	0	0	0		Note: 3	
Test Res	sults [ur	nits - W/V	/ in g/cm³	; CEC an	ıd Na in n	neq/100 c	:m³; NO₃	·N in mg/	/dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	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		Reco	ommend	ations:		_ime					Nutri	ents (lb/ac	re)					Мо	re
			Crop)		(ton	s/acre)	N	P ₂	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetable	s, other		0.5	80-10	0 10	00	0	0	0	0	\$	0	0		Note: 6	Note: \$
0.30 ton	s/acre; 2	2/2017	2-C	orn, graiı	n		0.0	120 - 1	60 2	.0	0	0	0	0	6	0	0		Note: 3	
Test Res	sults [ur	nits - W/V	/ in g/cm³	; CEC an	ıd Na in n	neq/100 c	:m³; NO₃	-N in mg/	/dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	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		Reco	ommenda	ations:	I	Lime					Nutrie	ents (lb/ac	re)					Mo	re
			Crop)		(ton	s/acre)	N	P2	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	ion
Lime His	story:		1 - V	egetable	s, other		0.4	80-10	0 3	0	40	0	25	0	0	0	0		Note: 6	
			2 - C	orn, grair	า		0.0	120 - 1	60 ()	0	0	25	0	0	0	0		Note: 3	
Test Res	sults [un	nits - W/V	' in g/cm³	; CEC an	d Na in m	neq/100 d	:m³; NO₃-	N in mg/	/dm³]:				Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	Na	ESP	SS-I	NO ₃ -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		Reco	ommenda	ations:		Lime					Nutrie	ents (lb/ac	re)					Mo	re
			Crop			(ton	ıs/acre)	N		O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	ion
Lime His	story:		1 - V	egetable	s, other		0.4	80-10			0	0	0	0	0	0	0		Note: 6	
			2 - C	orn, grair	า		0.0	120 - 1	60 5	0	0	0	0	0	0	0	0		Note: 3	
Test Res	sults [un	nits - W/V	' in g/cm ³	; CEC an	ıd Na in m	neq/100 d	:m³; NO₃-	N in mg/	/dm³]:				Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	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		Reco	ommenda	ations:		_ime					Nutrie	ents (lb/ac	re)					Moi	re
			Crop)		(ton	s/acre)	N	P2	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	ion
Lime His	story:		1 - V	egetable	s, other		0.3	80-10	0 13	30	0	0	0	0	0	0	0		Note: 6	
			2 - S	oybean			0.0	0	4	0	0	0	0	0	0	0	0		Note: 3	
Test Res	sults [un	nits - W/V	' in g/cm³	; CEC an	d Na in m	neq/100 d	:m³; NO₃-	N in mg/	/dm³]:				Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-I	Na	ESP	SS-I	NO ₃ -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		Reco	ommenda	ations:		_ime					Nutrie	ents (lb/ac	re)					Moi	re
			Crop)		(ton	s/acre)	N	P2	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	ion
Lime His	story:		1 - V	egetable	s, other		0.0	80-10	0 10	00	0	0	0	0	0	0	0		Note: 6	
			2-S	oybean			0.0	0	1	0	0	0	0	0	0	0	0		Note: 3	
Test Res	sults [un	nits - W/V	' in g/cm ³	; CEC an	ıd Na in m	neq/100 d	:m³; NO₃-	N in mg/	/dm³]:				Soil Class	s: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	Na	ESP	SS-I	NO ₃ -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		
		V.V				· ·		•	. •		•	• • •	• • •	<u> </u>	• •	• •	•••	•		

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Sample	ID: R3		Reco	mmenda	ations:	I	Lime					Nutrie	ents (lb/ac	re)					Moi	re
			Crop)		(ton	is/acre)	N	P20	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetables	s, other		0.0	80-10) 70)	0	0	0	0	0	0	0		Note: 6	
			2 - S	oybean			0.0	0	C)	0	0	0	0	0	0	0		Note: 3	
Test Res	sults [un	its - W/V	in g/cm ³	; CEC an	d Na in m	neq/100 c	cm³; NO3-	N in mg/	dm³]:			;	Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	Na	ESP	SS-I	NO3-1
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		Reco	mmenda	ations:	_	Lime					Nutrie	ents (lb/ac	re)					Moi	
			Crop			(ton	is/acre)	N	P20		K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	
Lime His	story:			egetables	s, other		0.0	80-10			0	0	0	0	\$	0	0		Note: 6	
			2 - S	oybean			0.0	0	1	0	0	0	0	0	6	0	0		Note: 3	
Test Res	sults [un	its - W/V	in g/cm ³	; CEC an	d Na in m	neq/100 c	cm³; NO3-	N in mg/	dm³]:			;	Soil Class	: Mine	eral					
нм%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-I	Na	ESP	SS-I	NO ₃ -I
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		Reco	mmenda	ations:		Lime					Nutrie	ents (lb/ac	re)					Moi	re
			Crop)		(ton	ıs/acre) ¯	N	P20	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetables	s, other		0.0	80-10	30)	0	0	0	pH\$	0	0	0		Note: 6	Note:
			2 - S	oybean			0.0	0	C)	0	0	0	рН\$	0	0	0		Note: 3	Note:
Test Res	sults [un	its - W/V	in g/cm ³	; CEC an	d Na in m	neq/100 c	cm³; NO3-	N in mg/	dm³]:			;	Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	Na	ESP	SS-I	NO3-1
0.97	1.33	7.1	89	8.0	6.5	97	183	53	23	38	56	36	36	215	215	49	0.1	1		
Sample	ID: R6		Reco	mmenda	ations:		Lime					Nutrie	ents (lb/ac	re)					Moi	re
			Crop)		(ton	ıs/acre)	N	P26	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetables	s, other		0.4	80-10			20	0	0	0	0	0	0		Note: 6	
			2 - S	oybean			0.0	0	2	0	0	0	0	0	0	0	0		Note: 3	
Test Res	sults [un	its - W/V	in g/cm ³	; CEC an	d Na in m	neq/100 c	cm³; NO₃-	N in mg/	dm³]:			:	Soil Class	: Mine	eral					
	14/0/	050	DC0/	A -		ъ.	V I	Ca%	NA O/	6.1	M _m I		NA:- A10	7	7 A.I	01	NI -	FOD	SS-I	NO ₃ -I
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	Na	ESP	33-I	NO3-r

Note: 6 Note	NCDA&	CS Agro	nomic D	ivision	Pl	none: (91	9) 733-26	655	Webs	site: www	w.ncag	ır.gov/agr	onomi/				R	Report No). F	Y18-SL0	21327
Crop																				Page 4	40 of 46
Lime History: 1. Vegetables, other 0.5 80-100 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Sample	ID : R7		Reco	mmenda	ations:	L	_ime					Nutri	ents (lb/ac	re)					Moi	re
Lime History: 1 Vegetables, other 0.5 80-100 100 0 0 0 0 0 0 0				Crop)		(ton	s/acre)	N	P20	D 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	ion
Test Results [units - W/V GEC SS% Ac pH P-l K-l Ca% Mg% S-l Mn-l Mn-Al/ Mn-Al/	Lime His	story:		1 - V	egetable	s, other		0.5	80-10	0 10	0	0	_	0	0	0	0	0		Note: 6	
HMW W/V CEC BS% Ac pH P-I K-I Ca% Mg% S-I Mn-I Mn-AI2 Zn-I Zn-AI Cu-I Na ESP SS-I I 0.3 6 1.28 5.1 75 1.3 5.6 54 126 45 17 47 58 45 45 45 41 41 63 0.1 2 Sample ID: R8				2 - S	oybean			0.0	0	20)	0	0	0	0	0	0	0		Note: 3	
Sample Discription Sample Discription Sample Discription Sample Discription Sample Discription Sample Discription Sample Discription Sample Discription Sample Discription Sample Discription Sample Discription Sample Discription Sample Discription Discription Sample Discription Disc	Test Re	sults [ur	nits - W/V	/ in g/cm³	; CEC an	ıd Na in n	neq/100 c	:m³; NO₃-	N in mg/	dm³]:				Soil Class	: Mine	eral					
Sample ID: R8	НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-I	Na	ESP	SS-I	NO ₃ -N
Crop	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		
Lime History:	Sample	ID : R8		Reco	mmenda	ations:		_					Nutri	ents (lb/ac	re)					Mo	re
Test Results Limits - W/V m g/cm²; CEC and Na in meq/100 cm³; NO3-N in mg/dm²]: Soil Class: Mineral							(ton		N			K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	ion
Test Results [units - W/V in g/cm²; CEC and Na in meq/100 cm³; NO3-N in mg/dm³]: Soil Class: Mineral Min-All Min-All	Lime Hi	story:		1 - V	egetable	s, other			80-10	0 90)	0	0	0	0	0	0	0		Note: 6	
HM% W/V CEC BS% Ac pH P-I K-I Ca% Mg% S-I Mn-I Mn-Al1 Mn-Al2 Zn-I Zn-AI Cu-I Na ESP SS-I I O.36 I.30				2-S	oybean			0.0	0	0	1	0	0	0	0	0	0	0		Note: 3	
Note : 6 Note : 3 Note : 6	Test Re	sults [ur	nits - W/V	/ in g/cm³	; CEC an	d Na in n	neq/100 c	:m³; NO₃-	N in mg/	dm³]:				Soil Class	: Mine	eral					
Recommendations: Lime Nutrients (lb/acre) Nutrients (lb/acre	НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-I	Na	ESP	SS-I	NO ₃ -N
Crop (tons/acre) N P2Os K2O Mg S Mn Zn Cu B Information	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		
Crop (tons/acre) N P20s K20 Mg S Mn Zn Cu B Information	Sample	ID : R9		Reco	mmenda	ations:	L	ime					Nutrie	ents (lb/ac	re)					Moi	re
1 - Vegetables, other 0.0 80-100 90 0 0 0 0 0 0 0 0				Crop)		(ton	s/acre)	N	P20	D 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	ion
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-Al1 Mn-Al2 Zn-I Zn-Al Cu-I Na ESP SS-I II 0.60 1.27 8.0 84 1.2 6.2 61 155 53 22 73 39 30 30 42 42 42 48 0.1 1 Sample ID: R10 Recommendations: Lime Nutrients (lb/acre) Crop (tons/acre) N P2O5 K2O Mg S Mn Zn Cu B Informatio 1 - Vegetables, other 0.0 80-100 50 0 0 0 0 0 0 0 0 0 Note: 6 2 - Soybean 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-Al1 Mn-Al2 Zn-I Zn-Al Cu-I Na ESP SS-I II	Lime His	story:		1 - V	egetable	s, other		0.0	80-10	0 90)	0	_	0	0	0	0	0		Note: 6	
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 I 0.60 1.27 8.0 84 1.2 6.2 61 155 53 22 73 39 30 30 42 42 42 48 0.1 1 Sample ID: R10 Recommendations: Lime Nutrients (lb/acre) Nutrients (lb/acre				2 - S	oybean			0.0	0	10)	0	0	0	0	0	0	0		Note: 3	
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 Crop (tons/acre) Nutrients (lb/acre) Nutrients (lb/acre) More P2Os K2O Mg S Mn Zn Cu B Information Information P2Os Lime History: 1 - Vegetables, other 0.0 80-100 50 Note: 6 Lime History: 1 - Vegetables, other 0.0 80-100 50 Note: 3 Note: 3 Note: 3	Test Re	sults [un	nits - W/V	' in g/cm ³	; CEC an	d Na in m	neq/100 c	:m³; NO₃-	N in mg/	dm³]:				Soil Class	: Mine	eral					
Sample ID: R10 Recommendations: Lime Nutrients (lb/acre) Nutrients (lb/acre) 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 50 Note: 6 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 I	НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	Na	ESP	SS-I	NO3-N
Lime History: Crop (tons/acre) N P2Os K2O Mg S Mn Zn Cu B Information 1 - Vegetables, other 2 - Soybean 0.0 80-100 50 <	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		
Lime History: 1 - Vegetables, other 2 - Soybean 0.0 80-100 50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Sample	ID : R1	0	Reco	mmenda	ations:	- L	_ime					Nutri	ents (lb/ac	re)					Mo	re
2 - Soybean 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-Al1 Mn-Al2 Zn-I Zn-Al Cu-I Na ESP SS-I I				Crop)		(ton	s/acre)	N	P20	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	ion
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-Al1 Mn-Al2 Zn-I Zn-Al Cu-I Na ESP SS-I I	Lime Hi	story:		1 - V	egetable	s, other		0.0	80-10	0 50)	0	0	0	0	0	0	0		Note: 6	
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 I				2 - S	oybean			0.0	0	0	1	0	0	0	0	0	0	0		Note: 3	
·	Test Re	sults [ur	nits - W/V	/ in g/cm³	; CEC an	d Na in m	neq/100 c	:m³; NO₃-	N in mg/	dm³]:				Soil Class	: Mine	eral					
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	НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	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 : R1	1	Reco	ommend	ations:	l	Lime					Nutrie	ents (lb/ac	re)					Moi	re
			Crop)		(ton	s/acre)	N	P ₂	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetable	s, other		0.0	80-10	0 13	30	0	0	0	0	0	0	0		Note: 6	
			2 - S	oybean			0.0	0	4	0	0	0	0	0	0	0	0		Note: 3	
Test Res	sults [ur	nits - W/V	/ in g/cm³	; CEC an	d Na in m	neq/100 c	cm³; NO₃-	N in mg/	dm³]:				Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-I	Na	ESP	SS-I	NO3-N
0.36	1.28	5.7	85	8.0	6.3	44	127	48	26	36	40	29	29	108	108	40	0.1	2		
Sample	ID : R1	2	Reco	ommend	ations:		Lime					Nutri	ents (lb/ac	re)					Mo	re
			Crop)		(ton	is/acre)	N	P2	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetable	s, other		0.0	80-10	0 7	0	10	0	0	0	0	0	0		Note: 6	
			2 - C	orn, graii	1		0.0	120 - 1	60 ()	0	0	0	0	0	0	0		Note: 3	
Test Res	sults [ur	nits - W/V	/ in g/cm³	; CEC an	d Na in m	neq/100 c	cm³; NO₃-	N in mg/	dm³]:				Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	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 : R1	3	Reco	ommend	ations:	Į.	Lime					Nutri	ents (lb/ac	re)					Moi	re
			Crop)		(ton	is/acre)	N	P2	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetable	s, other		0.0	80-10	0 3	0	0	0	0	0	0	0	0		Note: 6	
			2 - S	oybean			0.0	0	()	0	0	0	0	0	0	0		Note: 3	
Test Res	sults [ur	nits - W/V	' in g/cm ³	; CEC an	d Na in m	neq/100 c	cm³; NO₃-	N in mg/	dm³]:				Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	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 : R1	4	Reco	ommend	ations:		Lime					Nutri	ents (lb/ac	re)					Moi	re
			Crop)		(ton	ıs/acre)	N	P2	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetable	s, other		0.0	80-10	0 3	0	0	0	0	0	0	0	0		Note: 6	
	-		2 - S	oybean			0.0	0	()	0	0	0	0	0	0	0		Note: 3	
Test Res	sults [ur	nits - W/V	/ in g/cm³	; CEC an	d Na in m	neq/100 c	cm³; NO₃-	N in mg/	dm³]:				Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	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		

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Sample	ID : R1	5	Reco	ommend	ations:	L	ime					Nutri	ents (lb/ac	re)					Mo	re
			Crop)		(ton	s/acre)	N	P2	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetable	s, other		0.6	80-10	0 8	0	10	0	0	0	0	0	0		Note: 6	
			2 - C	orn, graii	n		0.0	120 - 1	60 ()	0	0	0	0	0	0	0		Note: 3	
Test Res	sults [ur	nits - W/V	in g/cm ³	; CEC an	nd Na in n	neq/100 c	:m³; NO₃-	N in mg/	/dm³]:				Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	Na	ESP	SS-I	NO3-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 : R1	6	Reco	ommend	ations:		₋ime					Nutri	ents (lb/ac	re)					Mo	re
			Crop			(ton	s/acre)	N		O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetable	s, other		0.5	80-10	0 1	0	30	0	0	0	0	0	0		Note: 6	
			2 - C	orn, graii	n		0.0	120 - 1	60 ()	0	0	0	0	0	0	0		Note: 3	
Test Res	sults [ur	nits - W/V	in g/cm³	; CEC an	nd Na in n	neq/100 c	:m³; NO₃-	N in mg/	/dm³]:				Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	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 : R1	7	Reco	ommend	ations:	L	ime					Nutri	ents (lb/ac	re)					Mo	re
			Crop)		(ton	s/acre)	N	P2	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetable	s, other		0.0	80-10	0 3	0	0	0	0	0	0	0	0		Note: 6	
			2 - S	oybean			0.0	0	()	0	0	0	0	0	0	0		Note: 3	
Test Res	sults [ur	nits - W/V	in g/cm ³	; CEC an	nd Na in n	neq/100 c	:m³; NO₃-	N in mg/	/dm³]:				Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	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 : R1	8	Reco	ommend	ations:	L	ime					Nutri	ents (lb/ac	re)					Mo	re
			Crop)		(ton	s/acre)	N	P2	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetable	s, other		0.0	80-10	0 2	0	0	0	0	0	0	0	0		Note: 6	
	-		2 - S	oybean			0.0	0	()	0	0	0	0	0	0	0		Note: 3	
Test Res	sults [ur	nits - W/V	in g/cm ³	; CEC ar	nd Na in n	neq/100 c	:m³; NO₃-	N in mg/	/dm³]:				Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	Na	ESP	SS-I	NO3-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		
0.02	0				V. 1			<u> </u>									·-			

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Sample	ID : R1	9	Reco	mmenda	ations:	L	ime					Nutri	ents (lb/ac	re)					Мо	re
			Crop)		(ton	s/acre)	N	P2	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetable	s, other		0.0	80-10	0 10	0	0	0	0	0	0	0	0		Note: 6	
			2 - S	oybean			0.0	0	C)	0	0	0	0	0	0	0		Note: 3	
Test Re	sults [ur	nits - W/V	' in g/cm³	; CEC an	d Na in m	neq/100 c	m³; NO3-	N in mg/	dm³]:				Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-I	Na	ESP	SS-I	NO ₃ -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 : R2	0	Reco	mmenda	ations:		ime					Nutri	ents (lb/ac	re)					Моі	re
			Crop)		(ton	s/acre)	N	P2	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetable	s, other		0.0	80-10	0 50	0	0	0	0	0	0	0	0		Note: 6	
			2 - S	oybean			0.0	0	C)	0	0	0	0	0	0	0		Note: 3	
Test Re	sults [ur	nits - W/V	' in g/cm ³	; CEC an	d Na in m	neq/100 c	m³; NO3-	N in mg/	dm³]:				Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	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 : R2	1	Reco	mmenda	ations:	L	ime					Nutrie	ents (lb/ac	re)					Moi	re
			Crop			(ton	s/acre)	N	P2	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetable	s, other		0.0	80-10	0 20	0	0	0	0	0	0	0	0		Note: 6	
			2 - S	oybean			0.0	0	C)	0	0	0	0	0	0	0		Note: 3	
Test Res	sults [ur	nits - W/V	' in g/cm ³	; CEC an	d Na in m	neq/100 c	m³; NO₃-	N in mg/	dm³]:				Soil Class	: Mine	eral					
нм%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-l	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 : R2	2	Reco	mmenda	ations:	L	ime					Nutri	ents (lb/ac	re)					Moi	re
			Crop)		(ton	s/acre)	N	P2	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - V	egetable	s, other		0.0	80-10	0 30	0	0	0	0	0	0	0	0		Note: 6	
			2 - S	oybean			0.0	0	C)	0	0	0	0	0	0	0		Note: 3	
Test Re	sults [ur	nits - W/V	' in g/cm ³	; CEC an	ıd Na in m	neq/100 c	m³; NO3-	N in mg/	dm³]:				Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	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		Reco	ommenda	ations:	I	ime					Nutrie	ents (lb/ac	re)					Moi	re
-			Crop)		(ton	s/acre)	N	P ₂	O5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - C	orn, grair	า		0.0	120 - 1	60 5	0	10	0	0	0	0	2	0		Note: 3	
			2 - V	egetable	s, other		0.0	80-10	0 14	40	60	0	0	0	0		0		Note: 6	
Test Res	sults [un	its - W/V	' in g/cm³	; CEC an	d Na in m	neq/100 c	:m³; NO₃-	·N in mg/	dm³]:				Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	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	I D : S2		Reco	ommenda	ations:		_ime					Nutri	ents (lb/ac	re)					Mo	re
			Crop)		(ton	s/acre)	N	P ₂	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1-C	orn, grair	า		0.0	120 - 1		0	0	0	0	0	0	2	0		Note: 3	
			2 - V	egetable	s, other		0.0	80-10	0 1	10	20	0	0	0	0		0		Note: 6	
Test Res	sults [un	its - W/V	' in g/cm³	; CEC an	d Na in m	neq/100 c	:m³; NO₃-	-N in mg/	dm³]:				Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	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	I D : S3		Reco	ommenda	ations:		ime					Nutrie	ents (lb/ac	re)					Moi	re
			Crop)		(ton	s/acre)	N	P ₂	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - C	orn, grair	า		0.0	120 - 1	60 2	0	0	0	0	0	0	0	0		Note: 3	
			2 - V	egetable	s, other		0.0	80-10	0 1	10	30	0	0	0	0	0	0		Note: 6	
Test Res	sults [un	its - W/V	' in g/cm ³	; CEC an	d Na in m	neq/100 d	:m³; NO₃-	·N in mg/	dm³]:				Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	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		Reco	ommenda	ations:	I	_ime					Nutri	ents (lb/ac	re)					Mo	re
			Crop)		(ton	s/acre)	N	P2	O 5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	tion
Lime His	story:		1 - C	orn, grair	ı		1.6	120 - 1			0	0	0	0	0	2	0		Note: 3	
			2 - V	egetable	s, other		0.0	80-10	0 10	00	20	0	0	0	0		0		Note: 6	
Test Res	sults [un	its - W/V	' in g/cm³	; CEC an	d Na in m	neq/100 c	:m³; NO₃-	·N in mg/	dm³]:				Soil Class	: Mine	eral					
НМ%	W/V	CEC	BS%	Ac	рН	P-I	K-I	Ca%	Mg%	S-I	Mn-l	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	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		

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Sample	ID : S5		Reco	mmend	ations:	Lime				Nutr	ients (lb/ac	re)					Мог	·e
			Crop)		(tons/acre	e) N	P2O5	K ₂ O	Mg	S	Mn	Zn	Cu	В		Informat	ion
Lime His	story:		1 - C	orn, grai	า	0.0	120 - 160) 10	0	0	0	0	0	2	0		Note: 3	
Lime History:			2 - V	egetable	s, other	0.0	80-100	100	50	0	0	0	0		0		<u>Note: 6</u>	
Test Res	sults [ur	nits - W/V	in g/cm ³	; CEC ar	ıd Na in m	neq/100 cm³; No	O3-N in mg/dr	ո³]։			Soil Class	s: Mine	eral					
нм%	W/V	CEC	BS%	Ac	рН	P-I K-	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	12 31	36	29	187	187	17	0.1	1		

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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 dolomitric 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#65 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-Al1, Mn-Al2, Zn-I, Zn-Al, 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 cation exchange capacity

Cu-I copper index

ESP exchangeable sodium percent

HM% percent humic matter potassium index

K2O potash

Mg% % CEC occupied by magnesium

MIN mineral soil class
Mn manganese

Mn-Al1 Mn-availability index for crop 1
Mn-Al2 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