

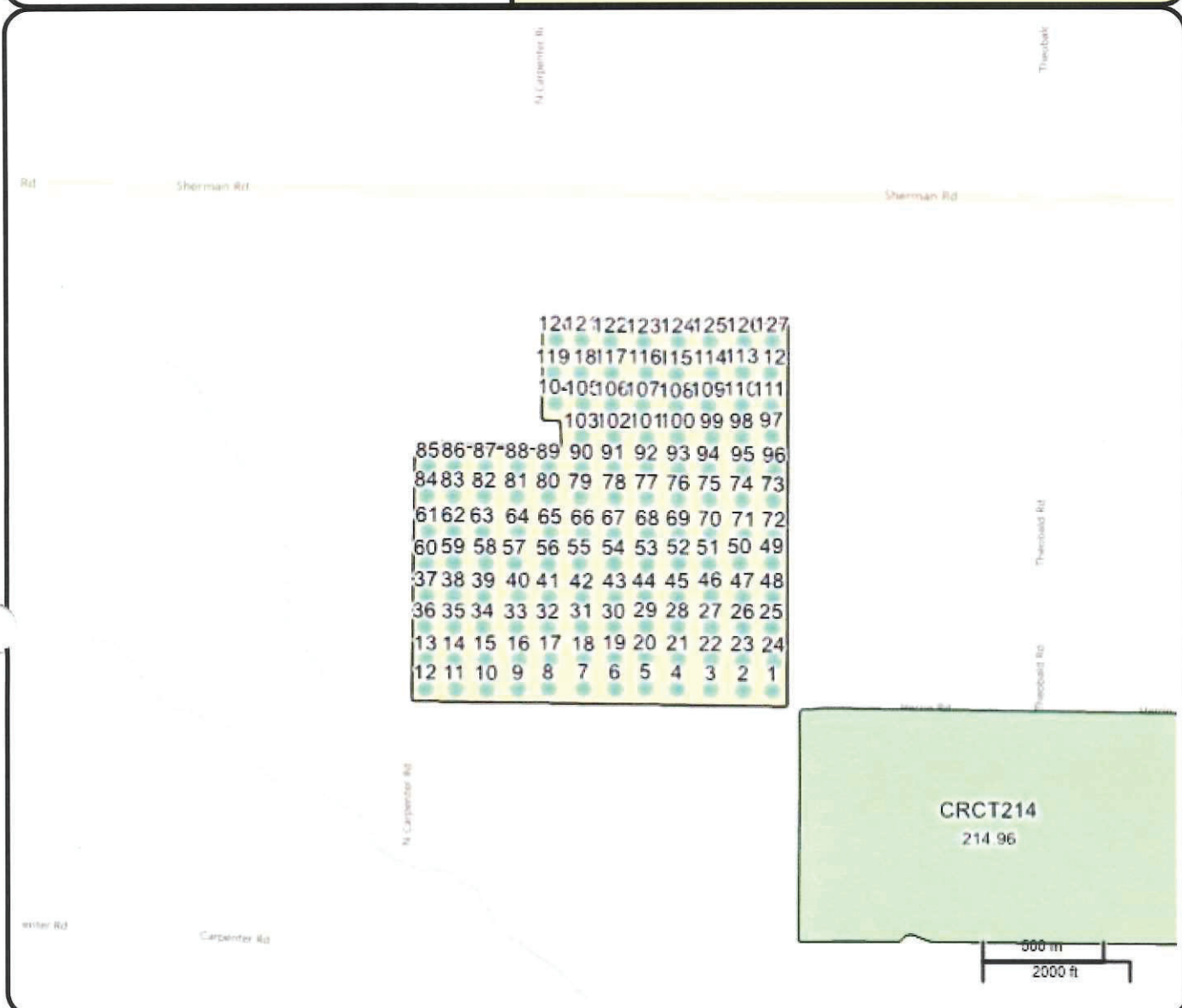


Current Map

CARPENTER FARMS LLC

Farm: CARPENTER FARMS L Acres: 309.50

Field: CRCT309



CRCT214
214 96



Location:
 County: Sangamon, IL
 Twp Rng Sec: T17N R2W S31

Summary Statistics
 Layer Name: 23 Sites
 Count: 127

SampleID





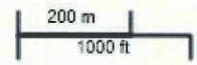
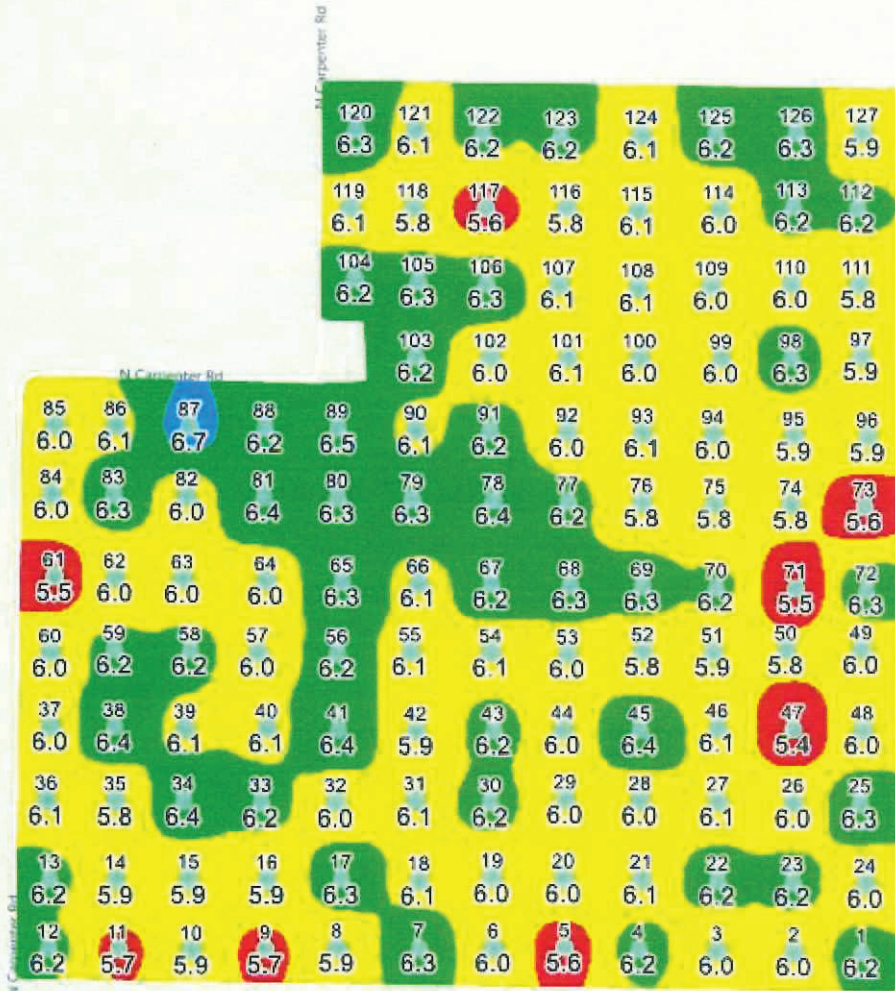
Soil Test Map Report - pH

CARPENTER FARMS LLC Area: 309.50

Farm: CARPENTER FARMS LLC Sample Date Jun 02, 2023

Field CRCT309

Lab Name ISTC



Location:

County: Sangamon, IL

Township: Lanesville

Twp Rng Sec: T17N R2W S31

Summary Statistics

Layer Name 23 Sites

Sample Count 127

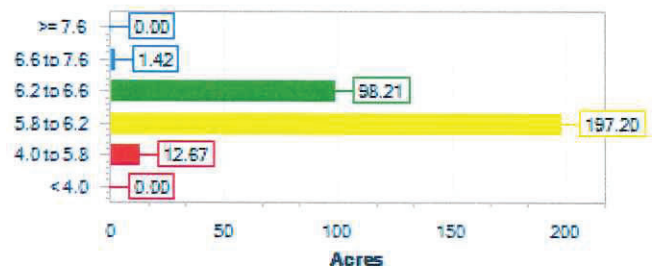
Minimum 5.4

Maximum 6.7

Average Rate 6.07

Weighted Average: 6.07

pH none





Soil Test Map Report - P1

CARPENTER FARMS LLC Area: 309.50

Farm: CARPENTER FARMS LLC Sample Date Jun 02, 2023

Field CRCT309

Lab Name ISTC



Location:

County: Sangamon, IL

Township: Lanesville

Twp Rng Sec: T17N R2W S31

Summary Statistics

Layer Name 23 Sites

Sample Count 127

Minimum 23

Maximum 387

Average Rate 88.1

Weighted Average: 88.14

P1 lbs per acre (st)





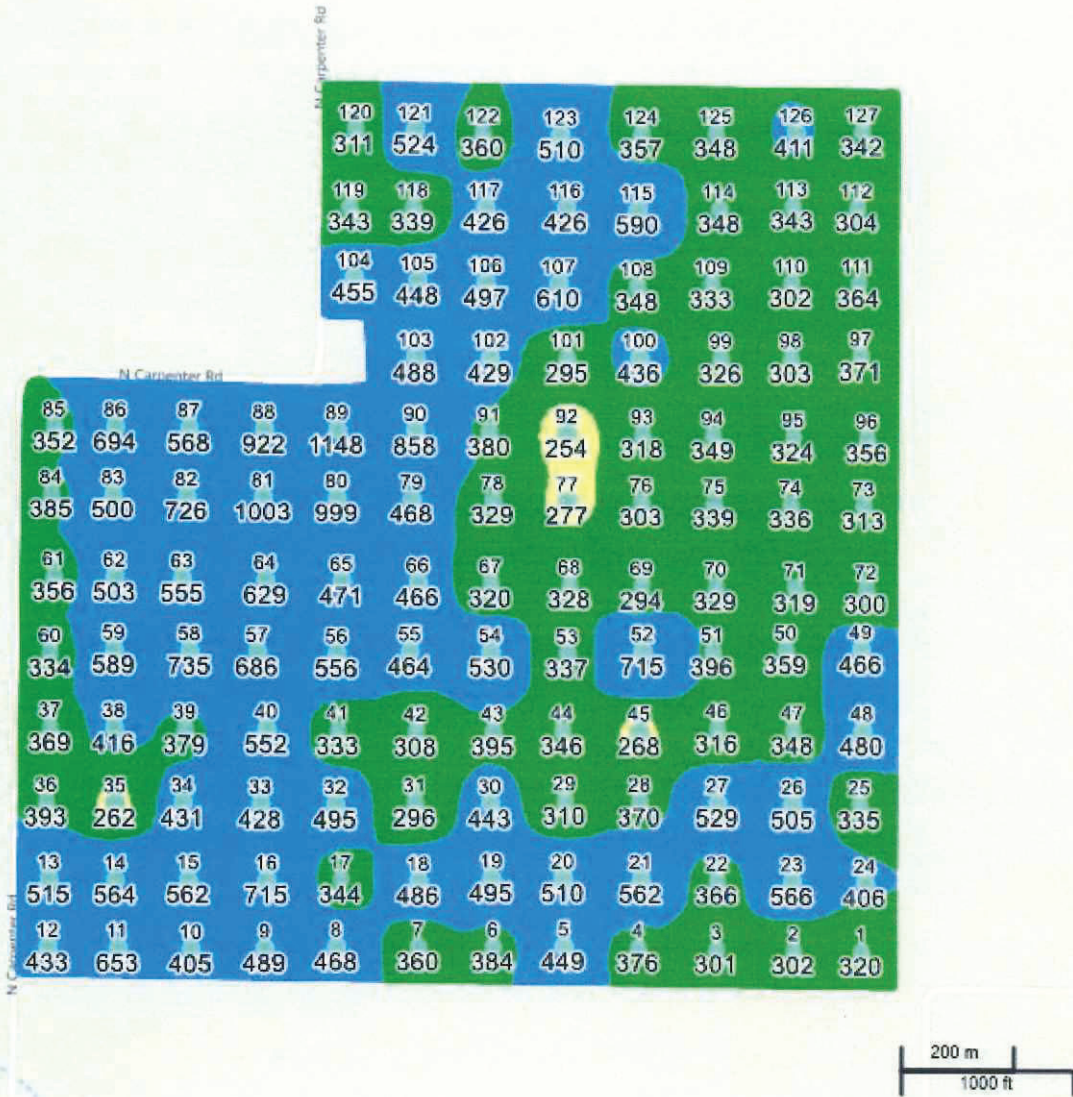
Soil Test Map Report - K

CARPENTER FARMS LLC Area: 309.50

Farm: CARPENTER FARMS LLC Sample Date Jun 02, 2023

Field CRCT309

Lab Name ISTC



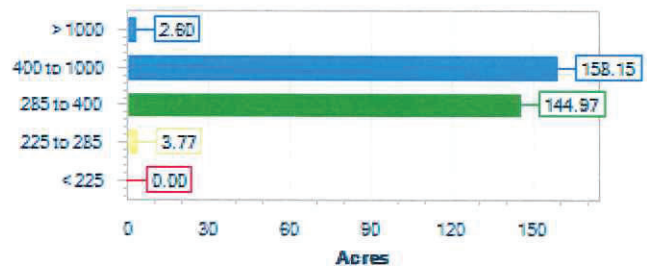
Location:

County: Sangamon, IL
 Township: Lanesville
 Twp Rng Sec: T17N R2W S31

Summary Statistics

Layer Name 23 Sites
 Sample Count 127
 Minimum 254
 Maximum 1,148
 Average Rate 443.49
 Weighted Average: 443.6

K lbs per acre (st)



INGRAM'S SOIL TESTING CENTER

Box 553
 924 W. Monroe
 Sullivan, IL 61951
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Report Date:
 06/22/2023
 Report Number:
 2302475
 Operator:
 CARPENTER FARMS LLC

Farm:
 CARPENTER FARMS LLC
 Field:
 CRCT309
 Acres:
 0.00

SOIL ANALYSIS REPORT

Sample Number	Lab Number	Organic Matter % ENR (ppm)	Extraction Method: M3				pH		Cation Exchange Capacity	Percent Base Saturation (computed)		
			Phosphorus P (lbs)	Potassium K (lbs)	Magnesium Mg (lbs)	Calcium Ca (lbs)	Soil pH	Buffer pH		% K	%Mg	% Ca
1	23061534	2.8	101	320	510	4928	6.2		15.9	2.6	13.4	77.7
2	23061535	2.6	52	302	507	4939	6.0		16.2	2.4	13.0	76.0
3	23061536	2.7	62	301	576	5448	6.0		17.8	2.2	13.5	76.5
4	23061537	2.8	76	376	820	6295	6.2		20.6	2.3	16.6	76.3
5	23061538	2.6	62	449	557	5141	5.6		19.9	2.9	11.6	64.4
6	23061539	3.1	74	384	570	5728	6.0		18.6	2.6	12.8	77.0
7	23061540	2.5	27	360	423	4363	6.3		14.1	3.3	12.5	77.2
8	23061541	2.3	59	468	458	4902	5.9		16.2	3.7	11.8	75.8
9	23061542	2.5	39	489	449	4640	5.7		16.9	3.7	11.1	68.6
10	23061543	2.8	63	405	536	5253	5.9		18.0	2.9	12.4	73.0

Field Average: 3.1 82 428 826 7078 6.1

Sample Number	Extraction Method: M3							Average Fertility Level					
	Sulfur (ppm)	Boron (ppm)	Zinc (ppm)	Mn (ppm)	Iron (ppm)	Cu (ppm)	Na (ppm)	Element	Very Low	Low	Medium	High	Very High
1	5.0	0.1	3.1	96.6	271.0	2.1	17.3	Organic Matter					
2	5.7	0.1	1.4	78.4	190.4	1.8	19.4	Phosphorus					82
3	4.7	0.1	1.9	73.9	189.7	2.2	17.8	Potassium					428
4	4.9	0.1	1.7	51.0	206.7	2.9	16.2	Magnesium					
5	7.8	0.1	1.4	87.1	199.6	1.8	17.7	Calcium					
6	6.5	0.1	1.9	88.7	224.1	2.6	14.9	ENR					
7	6.9	0.1	1.2	168.5	166.4	1.6	15.9	pH			6.1		
8	4.8	0.2	1.3	277.4	148.4	1.7	17.8						
9	8.0	0.1	1.4	202.2	168.4	2.0	20.3						
10	6.2	0.1	2.0	100.5	239.7	2.0	16.1						



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Report Date:
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 CARPENTER FARMS LLC

Farm:
 CARPENTER FARMS LLC
 Field:
 CRCT309
 Acres:
 0.00

SOIL ANALYSIS REPORT

Sample Number	Lab Number	Organic Matter % ENR (ppm)	Extraction Method: M3				pH		Cation Exchange Capacity	Percent Base Saturation (computed)		
			Phosphorus P (lbs)	Potassium K (lbs)	Magnesium Mg (lbs)	Calcium Ca (lbs)	Soil pH	Buffer pH		% K	%Mg	% Ca
11	23061544	2.6	96	653	562	6177	5.7		22.1	3.8	10.6	69.8
12	23061545	2.4	40	433	448	4246	6.2		14.0	4.0	13.3	75.6
13	23061546	2.3	23	515	537	5175	6.2		16.8	3.9	13.3	76.8
14	23061547	2.2	51	564	419	3783	5.9		13.3	5.4	13.1	71.0
15	23061548	2.6	86	562	452	4606	5.9		16.2	4.4	11.6	71.0
16	23061549	2.4	64	715	495	5373	5.9		17.8	5.1	11.6	75.4
17	23061550	3.2	27	344	900	7450	6.3		23.8	1.9	15.8	78.2
18	23061551	2.9	89	486	517	5264	6.1		16.6	3.7	12.9	79.1
19	23061552	2.8	85	495	592	5379	6.0		17.9	3.5	13.7	74.9
20	23061553	2.7	74	510	468	4584	6.0		15.5	4.2	12.6	74.1

Field Average: 3.1 82 428 826 7078 6.1

Sample Number	Extraction Method: M3							Average Fertility Level					
	Sulfur (ppm)	Boron (ppm)	Zinc (ppm)	Mn (ppm)	Iron (ppm)	Cu (ppm)	Na (ppm)	Element	Very Low	Low	Medium	High	Very High
11	3.9	0.3	2.4	111.6	182.8	2.4	14.2	Organic Matter					
12	6.2	0.2	1.1	179.4	170.5	1.6	12.5	Phosphorus					82
13	5.7	0.2	0.9	173.6	152.5	1.7	15.1	Potassium					428
14	7.9	0.1	1.1	197.7	190.2	1.6	14.2	Magnesium					
15	7.3	0.1	1.8	102.6	282.0	2.2	15.1	Calcium					
16	5.4	0.1	1.7	84.1	202.5	2.0	14.3	ENR					
17	4.7	0.4	1.1	78.9	125.1	2.5	14.0	pH			6.1		
18	5.2	0.1	2.1	115.8	226.8	2.4	10.2						
19	6.5	0.2	1.8	89.0	184.4	2.1	17.4						
20	7.9	0.1	1.2	104.3	205.1	2.0	17.7						



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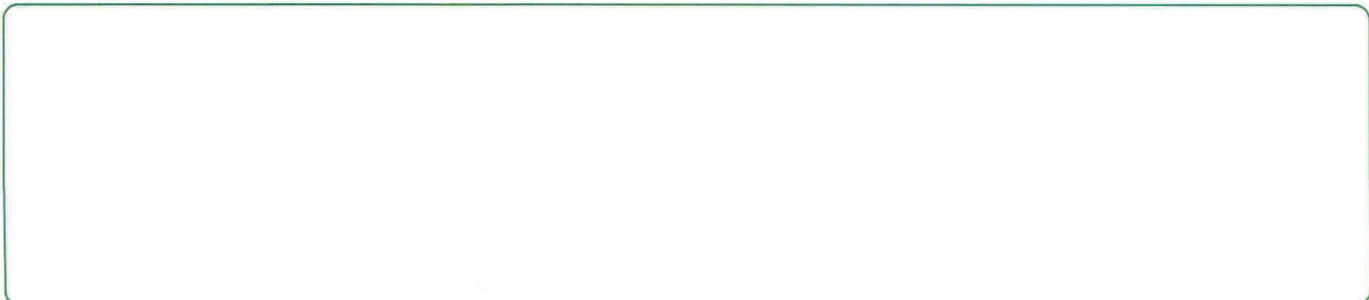
Farm:
 CARPENTER FARMS LLC
 Field:
 CRCT309
 Acres:
 0.00

SOIL ANALYSIS REPORT

Sample Number	Lab Number	Organic Matter % ENR (ppm)	Extraction Method: M3				pH		Cation Exchange Capacity	Percent Base Saturation (computed)		
			Phosphorus P (lbs)	Potassium K (lbs)	Magnesium Mg (lbs)	Calcium Ca (lbs)	Soil pH	Buffer pH		% K	%Mg	% Ca
21	23061554	3.0	79	562	540	4906	6.1		15.9	4.5	14.1	77.0
22	23061555	2.9	52	366	525	5296	6.2		16.9	2.8	12.9	78.4
23	23061556	2.7	76	566	467	4647	6.2		15.3	4.7	12.7	76.0
24	23061557	3.1	61	406	592	5355	6.0		17.8	2.9	13.9	75.3
25	23061558	3.2	54	335	446	5503	6.3		17.0	2.5	10.9	80.7
26	23061559	3.0	39	505	418	4553	6.0		15.2	4.3	11.5	75.0
27	23061560	3.1	32	529	740	5569	6.1		18.4	3.7	16.8	75.7
28	23061561	3.2	66	370	673	6931	6.0		22.7	2.1	12.3	76.3
29	23061562	2.9	61	310	934	7596	6.0		24.7	1.6	15.8	76.9
30	23061563	3.1	49	443	583	6115	6.2		19.3	2.9	12.6	79.3

Field Average: 3.1 82 428 826 7078 6.1

Sample Number	Extraction Method: M3							Average Fertility Level					
	Sulfur (ppm)	Boron (ppm)	Zinc (ppm)	Mn (ppm)	Iron (ppm)	Cu (ppm)	Na (ppm)	Element	Very Low	Low	Medium	High	Very High
21	6.3	0.2	1.3	89.8	203.3	1.8	14.8	Organic Matter					
22	4.2	0.2	1.4	104.7	176.6	1.8	12.4	Phosphorus					82
23	5.8	0.2	1.6	132.8	198.0	1.7	14.4	Potassium					428
24	5.1	0.2	1.2	96.2	189.6	1.8	13.6	Magnesium					
25	4.8	0.2	2.0	121.1	204.1	2.0	16.2	Calcium					
26	5.8	0.1	1.4	165.0	175.1	1.8	15.1	ENR					
27	6.4	0.1	1.5	128.7	182.1	1.8	19.4	pH			6.1		
28	4.7	0.2	2.1	49.9	165.1	2.3	13.4						
29	6.6	0.3	1.7	43.2	162.3	2.9	18.1						
30	6.4	0.1	1.7	83.4	163.7	1.8	14.6						



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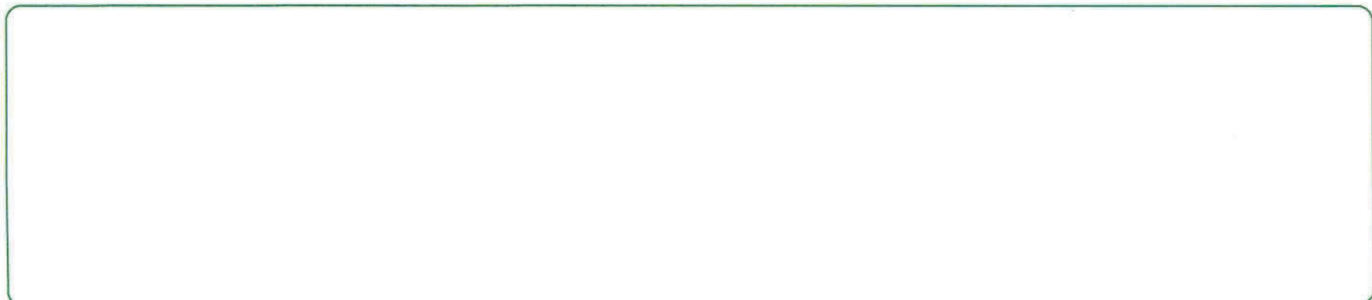
Farm:
 CARPENTER FARMS LLC
 Field:
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 Acres:
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SOIL ANALYSIS REPORT

Sample Number	Lab Number	Organic Matter % ENR (ppm)	Extraction Method: M3				pH		Cation Exchange Capacity	Percent Base Saturation (computed)		
			Phosphorus P (lbs)	Potassium K (lbs)	Magnesium Mg (lbs)	Calcium Ca (lbs)	Soil pH	Buffer pH		% K	%Mg	% Ca
31	23061564	3.3	36	296	595	6091	6.1		19.5	1.9	12.7	78.1
32	23061565	3.2	112	495	602	5887	6.0		20.0	3.2	12.6	73.7
33	23061566	3.4	64	428	496	5520	6.2		17.1	3.2	12.1	80.6
34	23061567	3.5	73	431	483	5837	6.4		17.7	3.1	11.4	82.6
35	23061568	3.4	33	262	534	6642	5.8		22.7	1.5	9.8	73.3
36	23061569	2.9	36	393	439	5287	6.1		16.3	3.1	11.3	81.3
37	23061570	2.7	28	369	436	5441	6.0		17.3	2.7	10.5	78.7
38	23061571	3.2	83	416	564	6499	6.4		19.6	2.7	12.0	82.8
39	23061572	3.1	52	379	477	5510	6.1		16.9	2.9	11.7	81.3
40	23061573	3.0	98	552	468	5528	6.1		17.2	4.1	11.4	80.5

Field Average: 3.1 82 428 826 7078 6.1

Sample Number	Extraction Method: M3							Average Fertility Level					
	Sulfur (ppm)	Boron (ppm)	Zinc (ppm)	Mn (ppm)	Iron (ppm)	Cu (ppm)	Na (ppm)	Element	Very Low	Low	Medium	High	Very High
31	5.3	0.2	1.3	73.8	160.4	1.8	15.8	Organic Matter					
32	6.3	0.2	2.3	45.9	248.7	2.7	13.8	Phosphorus					82
33	5.2	0.1	1.8	66.3	179.4	1.9	12.0	Potassium					428
34	4.6	0.2	1.9	78.0	150.3	1.9	11.5	Magnesium					
35	3.8	0.2	1.7	87.3	156.3	2.0	12.9	Calcium					
36	6.3	0.2	1.4	133.9	180.3	2.0	12.2	ENR					
37	5.8	0.1	1.7	251.9	180.7	2.2	13.8	pH			6.1		
38	5.0	0.2	2.5	76.1	217.3	2.3	12.6						
39	4.7	0.2	1.9	101.1	185.6	1.9	14.7						
40	5.5	0.2	2.3	78.7	188.9	1.9	14.4						



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Farm:
 CARPENTER FARMS LLC
 Field:
 CRCT309
 Acres:
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SOIL ANALYSIS REPORT

Sample Number	Lab Number	Organic Matter ENR (ppm)	Extraction Method: M3				pH		Cation Exchange Capacity	Percent Base Saturation (computed)		
			Phosphorus P (lbs)	Potassium K (lbs)	Magnesium Mg (lbs)	Calcium Ca (lbs)	Soil pH	Buffer pH		% K	%Mg	% Ca
41	23061574	3.1	146	333	823	7232	6.4		22.4	1.9	15.3	80.6
42	23061575	3.2	57	308	627	6143	5.9		21.2	1.9	12.4	72.6
43	23061576	3.1	77	395	636	6268	6.2		19.8	2.6	13.4	79.0
44	23061577	3.3	150	346	1161	8209	6.0		27.9	1.6	17.3	73.5
45	23061578	3.2	96	268	1657	9628	6.4		31.8	1.1	21.7	75.6
46	23061579	3.5	67	316	1042	9313	6.1		30.1	1.3	14.4	77.3
47	23061580	3.2	71	348	709	6725	5.4		26.5	1.7	11.1	63.4
48	23061581	3.1	113	480	742	6775	6.0		22.0	2.8	14.0	76.8
49	23061582	3.0	98	466	1099	7288	6.0		24.8	2.4	18.5	73.5
50	23061583	3.2	81	359	1129	7696	5.8		27.9	1.7	16.9	68.9

Field Average: 3.1 82 428 826 7078 6.1

Sample Number	Extraction Method: M3							Average Fertility Level					
	Sulfur (ppm)	Boron (ppm)	Zinc (ppm)	Mn (ppm)	Iron (ppm)	Cu (ppm)	Na (ppm)	Element	Very Low	Low	Medium	High	Very High
41	3.8	0.3	4.0	72.1	256.6	3.0	16.1	Organic Matter					
42	5.4	0.2	1.7	66.8	199.8	2.1	19.3	Phosphorus					82
43	5.9	0.1	1.8	62.6	227.7	2.2	15.9	Potassium					428
44	4.4	0.3	3.3	44.7	205.8	3.1	14.4	Magnesium					
45	3.9	0.4	2.6	47.1	195.3	3.6	19.4	Calcium					
46	4.2	0.3	2.3	38.7	195.7	3.3	16.5	ENR					
47	4.8	0.2	2.4	86.7	197.6	2.7	12.3	pH			6.1		
48	6.7	0.1	2.3	52.7	269.3	2.9	10.2						
49	6.4	0.1	1.6	40.5	255.2	3.5	15.6						
50	5.6	0.2	1.5	28.6	158.0	3.2	13.7						



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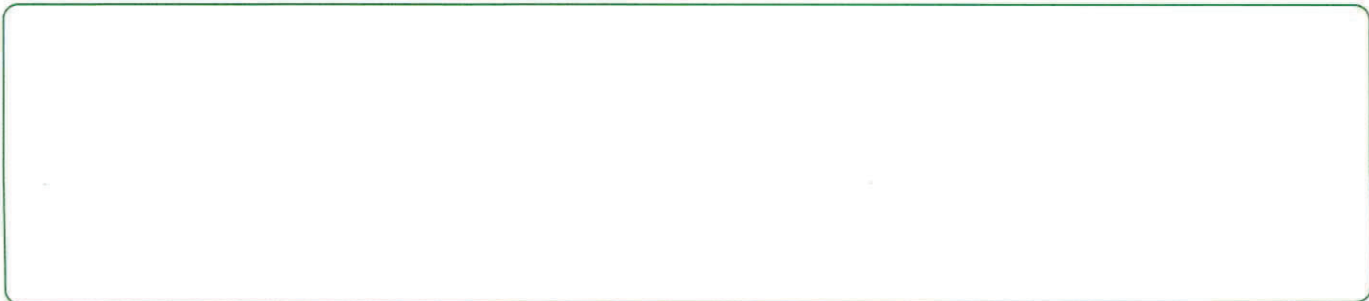
Farm:
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SOIL ANALYSIS REPORT

Sample Number	Lab Number	Organic Matter % ENR (ppm)	Extraction Method: M3				pH		Cation Exchange Capacity	Percent Base Saturation (computed)		
			Phosphorus P (lbs)	Potassium K (lbs)	Magnesium Mg (lbs)	Calcium Ca (lbs)	Soil pH	Buffer pH		% K	%Mg	% Ca
51	23061584	3.3	85	396	1075	7710	5.9		27.1	1.9	16.5	71.2
52	23061585	3.1	65	715	1005	8360	5.8		28.8	3.2	14.5	72.6
53	23061586	3.4	121	337	1053	8226	6.0		27.5	1.6	16.0	74.8
54	23061587	3.3	89	530	877	6945	6.1		23.1	2.9	15.8	75.2
55	23061588	3.2	152	464	846	7604	6.1		24.5	2.4	14.4	77.5
56	23061589	3.3	114	556	572	6762	6.2		20.7	3.4	11.5	81.7
57	23061590	3.0	84	686	401	4135	6.0		14.3	6.2	11.7	72.4
58	23061591	2.9	74	735	385	4247	6.2		14.2	6.7	11.3	75.0
59	23061592	3.1	76	589	732	6432	6.2		20.9	3.6	14.6	77.0
60	23061593	3.2	45	334	910	8026	6.0		26.4	1.6	14.4	76.0

Field Average: 3.1 82 428 826 7078 6.1

Sample Number	Extraction Method: M3							Average Fertility Level					
	Sulfur (ppm)	Boron (ppm)	Zinc (ppm)	Mn (ppm)	Iron (ppm)	Cu (ppm)	Na (ppm)	Element	Very Low	Low	Medium	High	Very High
51	6.1	0.2	1.6	31.4	220.7	3.0	16.1	Organic Matter					
52	5.1	0.2	1.4	18.5	203.2	2.6	17.5	Phosphorus					82
53	5.5	0.2	2.1	27.9	215.6	3.0	18.4	Potassium					428
54	5.7	0.2	1.9	43.9	251.0	2.4	15.2	Magnesium					
55	5.9	0.2	3.0	25.4	290.8	3.2	15.5	Calcium					
56	5.3	0.2	3.9	94.7	267.2	2.6	12.0	ENR					
57	7.0	0.1	1.9	124.8	198.6	1.7	15.8	pH			6.1		
58	6.8	0.1	1.8	108.5	215.7	1.7	13.4						
59	6.2	0.1	2.3	45.8	247.7	2.6	14.6						
60	5.5	0.3	2.0	39.9	208.4	2.9	15.5						



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Box 553
 924 W. Monroe
 Sullivan, IL 61951
 Ph: 217-728-7413
 Fax: 217-728-2543

13343 Fitschen Road
 Athens, IL 62613
 Ph: 217-636-7500
 Fax: 217-636-7548
 Email: istc1@ingramsoil.com

Send To:
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 SPRINGFIELD, IL 62701



Report Date:
 06/22/2023
 Report Number:
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 Operator:
 CARPENTER FARMS LLC

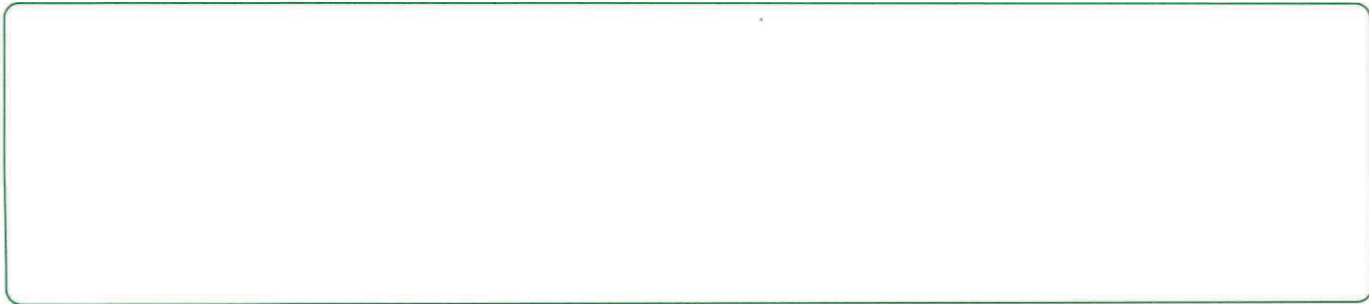
Farm:
 CARPENTER FARMS LLC
 Field:
 CRCT309
 Acres:
 0.00

SOIL ANALYSIS REPORT

Sample Number	Lab Number	Organic Matter % ENR (ppm)	Extraction Method: M3				pH		Cation Exchange Capacity	Percent Base Saturation (computed)		
			Phosphorus P (lbs)	Potassium K (lbs)	Magnesium Mg (lbs)	Calcium Ca (lbs)	Soil pH	Buffer pH		% K	%Mg	% Ca
61	23061594	3.5	65	356	571	6416	5.5		25.2	1.8	9.5	63.7
62	23061595	3.4	150	503	808	7078	6.0		23.8	2.7	14.1	74.3
63	23061596	3.5	100	555	510	6119	6.0		20.9	3.4	10.1	73.1
64	23061597	3.0	95	629	410	5463	6.0		17.6	4.6	9.7	77.7
65	23061598	3.2	117	471	552	6590	6.3		20.4	3.0	11.3	80.8
66	23061599	3.3	95	466	883	8966	6.1		28.1	2.1	13.1	79.8
67	23061600	3.4	51	320	1131	9619	6.2		29.9	1.4	15.8	80.5
68	23061601	3.6	97	328	1060	8739	6.3		27.4	1.5	16.1	79.8
69	23061602	3.4	50	294	1170	10238	6.3		31.8	1.2	15.3	80.4
70	23061603	3.3	71	329	1106	9043	6.2		28.3	1.5	16.3	79.8

Field Average: 3.1 82 428 826 7078 6.1

Sample Number	Extraction Method: M3							Average Fertility Level					
	Sulfur (ppm)	Boron (ppm)	Zinc (ppm)	Mn (ppm)	Iron (ppm)	Cu (ppm)	Na (ppm)	Element	Very Low	Low	Medium	High	Very High
61	9.4	0.2	2.1	40.5	269.6	2.4	18.7	Organic Matter					
62	7.3	0.2	2.6	32.5	270.0	3.0	12.8	Phosphorus					82
63	6.4	0.2	2.8	72.9	223.9	2.4	14.3	Potassium					428
64	5.5	0.1	2.5	119.1	199.7	2.0	10.8	Magnesium					
65	4.9	0.1	2.7	69.8	239.3	2.1	15.3	Calcium					
66	5.3	0.3	2.6	35.4	244.4	2.8	14.0	ENR					
67	5.3	0.3	2.0	30.5	185.3	2.9	17.6	pH			6.1		
68	4.9	0.3	2.1	33.5	190.4	3.1	14.0						
69	4.8	0.3	1.9	28.0	181.7	2.9	16.8						
70	4.8	0.3	1.7	37.5	194.4	3.1	14.6						



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SOIL ANALYSIS REPORT

Sample Number	Lab Number	Organic Matter % ENR (ppm)	Extraction Method: M3				pH		Cation Exchange Capacity	Percent Base Saturation (computed)		
			Phosphorus P (lbs)	Potassium K (lbs)	Magnesium Mg (lbs)	Calcium Ca (lbs)	Soil pH	Buffer pH		% K	%Mg	% Ca
71	23061604	3.2	53	319	1209	9268	5.5		34.2	1.2	14.7	67.7
72	23061605	3.3	49	300	1066	8054	6.3		26.0	1.5	17.1	77.6
73	23061606	3.4	60	313	1161	8293	5.6		30.9	1.3	15.7	67.2
74	23061607	3.1	54	336	1200	8321	5.8		29.0	1.5	17.2	71.7
75	23061608	3.2	52	339	1072	8206	5.8		28.9	1.5	15.4	70.9
76	23061609	3.0	56	303	1074	7547	5.8		26.5	1.5	16.9	71.1
77	23061610	3.4	49	277	1051	7676	6.2		24.6	1.4	17.8	77.9
78	23061611	3.3	47	329	1147	8994	6.4		28.2	1.5	17.0	79.8
79	23061612	3.4	142	468	985	8883	6.3		27.9	2.1	14.7	79.6
80	23061613	3.3	204	999	690	7167	6.3		23.1	5.6	12.5	77.6

Field Average: 3.1 82 428 826 7078 6.1

Sample Number	Extraction Method: M3							Average Fertility Level					
	Sulfur (ppm)	Boron (ppm)	Zinc (ppm)	Mn (ppm)	Iron (ppm)	Cu (ppm)	Na (ppm)	Element	Very Low	Low	Medium	High	Very High
71	4.1	0.3	1.6	25.6	158.5	2.8	17.9	Organic Matter					
72	7.6	0.1	1.3	34.8	211.6	3.1	18.5	Phosphorus					82
73	5.2	0.1	1.3	24.5	210.0	3.1	17.4	Potassium					428
74	5.2	0.1	1.5	22.4	179.6	2.9	27.3	Magnesium					
75	5.1	0.2	1.7	24.4	183.4	2.9	13.6	Calcium					
76	4.6	0.1	1.6	24.1	207.0	3.0	15.6	ENR					
77	5.2	0.1	1.7	21.0	224.6	2.8	15.5	pH			6.1		
78	5.0	0.2	1.8	33.0	194.2	3.2	15.1						
79	5.8	0.3	3.0	31.8	318.8	3.4	14.2						
80	5.2	0.2	5.2	45.6	454.6	3.0	13.6						



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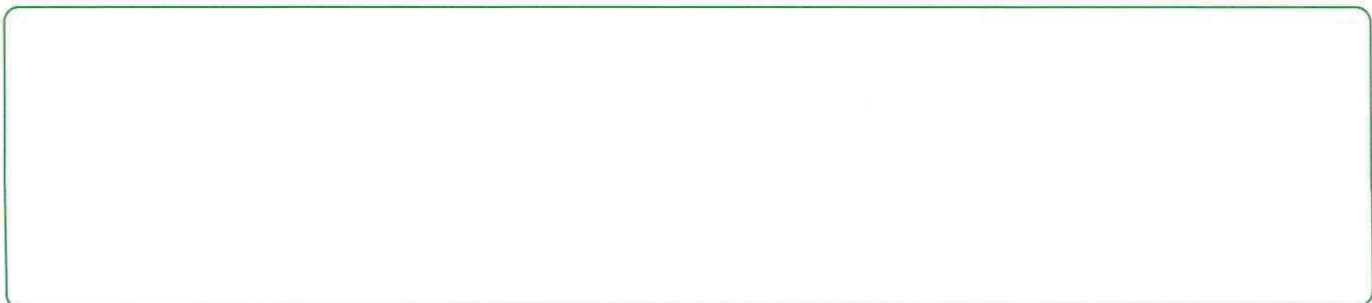
Farm:
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SOIL ANALYSIS REPORT

Sample Number	Lab Number	Organic Matter % ENR (ppm)	Extraction Method: M3				pH		Cation Exchange Capacity	Percent Base Saturation (computed)		
			Phosphorus P (lbs)	Potassium K (lbs)	Magnesium Mg (lbs)	Calcium Ca (lbs)	Soil pH	Buffer pH		% K	%Mg	% Ca
81	23061614	3.2	315	1003	468	5792	6.4		18.2	7.1	10.7	79.5
82	23061615	3.1	95	726	538	5170	6.0		17.5	5.3	12.8	73.9
83	23061616	3.5	94	500	624	6141	6.3		19.3	3.3	13.5	79.6
84	23061617	3.1	50	385	957	9182	6.0		28.8	1.7	13.8	79.6
85	23061618	3.2	58	352	914	8345	6.0		27.2	1.7	14.0	76.6
86	23061619	3.3	111	694	874	7887	6.1		25.6	3.5	14.2	76.9
87	23061620	3.4	77	568	513	6520	6.7		19.7	3.7	10.9	82.9
88	23061621	3.1	186	922	907	6233	6.2		21.5	5.5	17.5	72.3
89	23061622	3.0	387	1148	1241	6726	6.5		24.0	6.1	21.6	70.2
90	23061623	3.1	254	858	977	7712	6.1		25.2	4.4	16.2	76.7

Field Average: 3.1 82 428 826 7078 6.1

Sample Number	Extraction Method: M3							Average Fertility Level					
	Sulfur (ppm)	Boron (ppm)	Zinc (ppm)	Mn (ppm)	Iron (ppm)	Cu (ppm)	Na (ppm)	Element	Very Low	Low	Medium	High	Very High
81	3.8	0.2	6.5	65.4	576.4	2.7	10.3	Organic Matter					
82	6.3	0.1	2.8	82.7	273.5	2.1	16.1	Phosphorus					82
83	7.3	0.1	2.5	48.4	248.8	2.3	14.8	Potassium					428
84	5.0	0.4	2.3	30.8	202.9	2.9	15.1	Magnesium					
85	5.5	0.2	2.3	34.5	228.7	2.9	15.0	Calcium					
86	5.5	0.2	2.9	30.3	291.8	3.2	19.6	ENR					
87	6.4	0.1	2.3	85.7	181.6	2.0	13.2	pH			6.1		
88	3.3	0.4	14.4	152.5	195.2	3.0	15.7						
89	4.2	0.6	19.3	194.5	441.4	4.1	18.1						
90	5.2	0.2	4.5	35.4	408.7	3.9	19.5						



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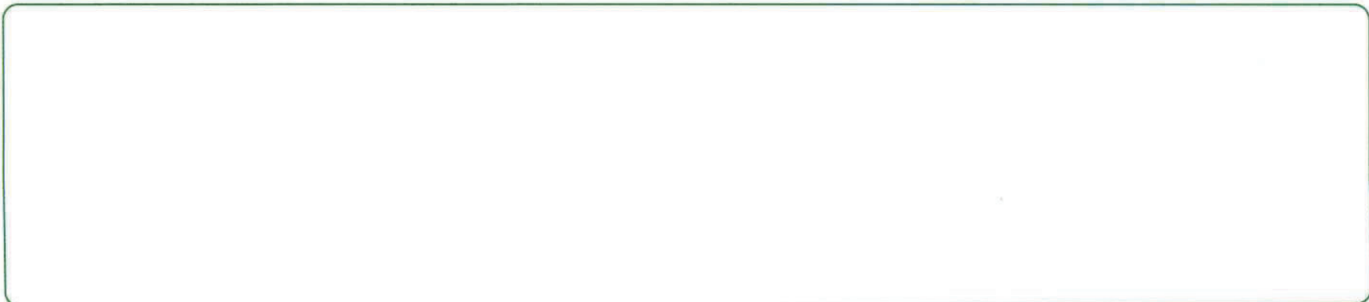
Farm:
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SOIL ANALYSIS REPORT

Sample Number	Lab Number	Organic Matter % ENR (ppm)	Extraction Method: M3				pH		Cation Exchange Capacity	Percent Base Saturation (computed)		
			Phosphorus P (lbs)	Potassium K (lbs)	Magnesium Mg (lbs)	Calcium Ca (lbs)	Soil pH	Buffer pH		% K	%Mg	% Ca
91	23061624	3.2	66	380	1133	8752	6.2		27.8	1.8	17.0	78.7
92	23061625	3.4	61	254	987	7837	6.0		26.1	1.2	15.7	75.0
93	23061626	3.2	56	318	1237	8505	6.1		28.2	1.4	18.3	75.3
94	23061627	3.3	54	349	1205	7298	6.0		25.8	1.7	19.4	70.7
95	23061628	3.1	51	324	1256	8256	5.9		28.4	1.5	18.4	72.7
96	23061629	3.2	72	356	1197	8685	5.9		30.0	1.5	16.6	72.5
97	23061630	3.3	89	371	1111	8418	5.9		28.9	1.6	16.0	72.7
98	23061631	3.0	24	303	1109	8583	6.3		27.5	1.4	16.8	78.1
99	23061632	3.1	43	326	1264	9172	6.0		30.0	1.4	17.5	76.4
100	23061633	3.3	60	436	1228	9290	6.0		31.0	1.8	16.5	74.9

Field Average: 3.1 82 428 826 7078 6.1

Sample Number	Extraction Method: M3							Average Fertility Level					
	Sulfur (ppm)	Boron (ppm)	Zinc (ppm)	Mn (ppm)	Iron (ppm)	Cu (ppm)	Na (ppm)	Element	Very Low	Low	Medium	High	Very High
91	5.4	0.2	1.7	32.6	221.9	3.2	17.9	Organic Matter					
92	5.5	0.1	1.5	22.9	239.4	2.8	18.5	Phosphorus					82
93	5.3	0.2	1.5	27.2	230.6	3.3	15.3	Potassium					428
94	5.2	0.1	1.4	23.2	227.0	2.9	18.4	Magnesium					
95	4.9	0.2	1.5	24.5	216.9	3.1	16.7	Calcium					
96	4.9	0.2	1.4	28.4	236.4	3.3	18.0	ENR					
97	5.9	0.1	1.6	30.8	330.5	3.6	16.6	pH			6.1		
98	4.4	0.2	1.2	51.3	164.6	2.5	17.1						
99	4.9	0.2	1.6	30.4	218.3	3.2	16.6						
100	5.1	0.2	1.8	31.1	247.0	3.4	18.2						



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 924 W. Monroe
 Sullivan, IL 61951
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SOIL ANALYSIS REPORT

Sample Number	Lab Number	Organic Matter % ENR (ppm)	Extraction Method: M3				pH		Cation Exchange Capacity	Percent Base Saturation (computed)		
			Phosphorus P (lbs)	Potassium K (lbs)	Magnesium Mg (lbs)	Calcium Ca (lbs)	Soil pH	Buffer pH		% K	%Mg	% Ca
101	23061634	3.4	38	295	1066	8924	6.1		28.5	1.3	15.6	78.2
102	23061635	3.2	97	429	1033	8626	6.0		28.5	1.9	15.1	75.6
103	23061636	3.3	157	488	1120	9353	6.2		29.4	2.1	15.9	79.6
104	23061637	3.1	148	455	1000	9414	6.2		29.3	2.0	14.2	80.4
105	23061638	3.3	157	448	1044	9817	6.3		30.5	1.9	14.3	80.6
106	23061639	3.1	206	497	953	9371	6.3		29.0	2.2	13.7	80.7
107	23061640	3.2	204	610	980	9751	6.1		30.6	2.6	13.3	79.6
108	23061641	3.4	100	348	1033	8744	6.1		28.0	1.6	15.4	78.0
109	23061642	3.1	80	333	1104	7395	6.0		24.9	1.7	18.5	74.2
110	23061643	3.2	43	302	844	7245	6.0		24.1	1.6	14.6	75.1

Field Average: 3.1 82 428 826 7078 6.1

Sample Number	Extraction Method: M3							Average Fertility Level					
	Sulfur (ppm)	Boron (ppm)	Zinc (ppm)	Mn (ppm)	Iron (ppm)	Cu (ppm)	Na (ppm)	Element	Very Low	Low	Medium	High	Very High
101	4.5	0.4	1.9	18.8	203.2	2.8	18.2	Organic Matter					
102	5.6	0.3	2.1	27.5	243.1	3.1	18.8	Phosphorus					82
103	5.4	0.3	3.0	37.0	270.0	3.4	15.9	Potassium					428
104	4.7	0.3	4.3	26.9	303.4	3.2	18.0	Magnesium					
105	4.2	0.3	4.2	31.8	228.4	3.2	19.8	Calcium					
106	5.1	0.3	5.4	24.7	277.7	3.1	17.8	ENR					
107	5.6	0.3	5.7	23.5	350.7	3.4	15.1	pH			6.1		
108	5.1	0.3	1.0	26.3	169.7	2.6	15.4						
109	6.1	0.2	1.2	25.1	201.1	2.8	14.3						
110	5.3	0.2	0.8	28.6	171.6	1.8	16.5						



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SOIL ANALYSIS REPORT

Sample Number	Lab Number	Organic Matter % ENR (ppm)	Extraction Method: M3				pH		Cation Exchange Capacity	Percent Base Saturation (computed)		
			Phosphorus P (lbs)	Potassium K (lbs)	Magnesium Mg (lbs)	Calcium Ca (lbs)	Soil pH	Buffer pH		% K	%Mg	% Ca
111	23061644	3.3	65	364	741	6579	5.8		23.5	2.0	13.1	70.0
112	23061645	3.0	78	304	1432	8626	6.2		28.9	1.3	20.6	74.6
113	23061646	3.2	84	343	1343	7800	6.2		26.2	1.7	21.3	74.3
114	23061647	3.3	86	348	1277	8184	6.0		28.3	1.6	18.8	72.2
115	23061648	3.5	184	590	981	8128	6.1		27.3	2.8	15.0	74.5
116	23061649	3.1	138	426	562	5627	5.8		19.8	2.8	11.9	71.2
117	23061650	3.3	128	426	685	6298	5.6		24.0	2.3	11.9	65.5
118	23061651	3.2	105	339	1171	7533	5.8		27.6	1.6	17.7	68.1
119	23061652	3.4	206	343	987	8617	6.1		27.5	1.6	15.0	78.4
120	23061653	3.3	53	311	1322	8876	6.3		29.1	1.4	18.9	76.3

Field Average: 3.1 82 428 826 7078 6.1

Sample Number	Extraction Method: M3							Average Fertility Level					
	Sulfur (ppm)	Boron (ppm)	Zinc (ppm)	Mn (ppm)	Iron (ppm)	Cu (ppm)	Na (ppm)	Element	Very Low	Low	Medium	High	Very High
111	6.2	0.1	1.2	48.5	182.1	1.8	20.3	Organic Matter					
112	7.4	0.2	1.3	26.8	244.4	3.4	20.9	Phosphorus					82
113	5.9	0.1	1.2	20.3	308.6	3.4	15.9	Potassium					428
114	6.7	0.2	1.3	23.8	257.0	3.4	21.4	Magnesium					
115	5.8	0.1	2.4	35.6	443.3	4.0	16.5	Calcium					
116	6.3	0.1	2.7	80.2	229.6	2.2	18.2	ENR					
117	6.5	0.1	2.3	43.5	235.6	2.1	17.2	pH			6.1		
118	6.9	0.1	1.9	44.1	245.2	3.2	17.7						
119	6.1	0.2	2.9	26.5	267.6	3.2	16.4						
120	4.8	0.3	1.3	29.3	156.5	3.2	16.4						



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SOIL ANALYSIS REPORT

Sample Number	Lab Number	Organic Matter % ENR (ppm)	Extraction Method: M3				pH		Cation Exchange Capacity	Percent Base Saturation (computed)		
			Phosphorus P (lbs)	Potassium K (lbs)	Magnesium Mg (lbs)	Calcium Ca (lbs)	Soil pH	Buffer pH		% K	%Mg	% Ca
121	23061654	3.2	101	524	1181	9050	6.1		29.6	2.3	16.6	76.4
122	23061655	3.5	59	360	778	7714	6.2		24.4	1.9	13.3	79.1
123	23061656	3.2	95	510	489	5790	6.2		17.9	3.7	11.4	81.0
124	23061657	3.5	105	357	769	7822	6.1		25.3	1.8	12.7	77.2
125	23061658	3.6	86	348	1275	9552	6.2		31.0	1.4	17.1	76.9
126	23061659	3.3	51	411	826	7783	6.3		24.4	2.2	14.1	79.7
127	23061660	3.2	81	342	1079	9047	5.9		30.4	1.4	14.8	74.5

Field Average: 3.1 82 428 826 7078 6.1

Sample Number	Sulfur (ppm)	Boron (ppm)	Zinc (ppm)	Mn (ppm)	Iron (ppm)	Cu (ppm)	Na (ppm)	Average Fertility Level					
								Element	Very Low	Low	Medium	High	Very High
121	4.8	0.2	1.4	30.8	230.3	3.5	14.4	Organic Matter					
122	5.1	0.2	1.5	39.9	176.0	2.3	18.0	Phosphorus					82
123	5.6	0.1	2.3	81.3	225.8	2.0	12.6	Potassium					428
124	4.8	0.2	1.9	50.4	193.5	2.6	16.6	Magnesium					
125	5.4	0.3	1.6	28.9	162.7	3.1	16.0	Calcium					
126	5.8	0.2	1.3	50.5	154.7	1.9	14.8	ENR					
127	4.9	0.2	1.4	26.0	199.3	3.0	12.8	pH			6.1		

