



Shane Family Farms LLC

Thompson Farm

Thompson East

123.12 ac

Soil Type

**Shane Family
Farms LLC**
Thompson Farm
Thompson East
123.12 ac



Soil Type	
■	Catlin silt loam, 2 to 5 percent slopes, eroded (105.39 ac)
■	Ipava silt loam, 0 to 2 percent slopes (8.50 ac)
■	Lisbon silt loam, 0 to 2 percent slopes (4.51 ac)
■	Osco silt loam, 2 to 5 percent slopes (0.34 ac)
■	Sable silty clay loam, 0 to 2 percent slopes (4.38 ac)

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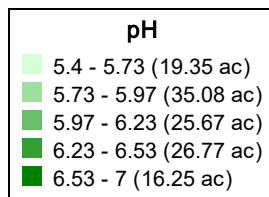


pH - Soil Test - 2023

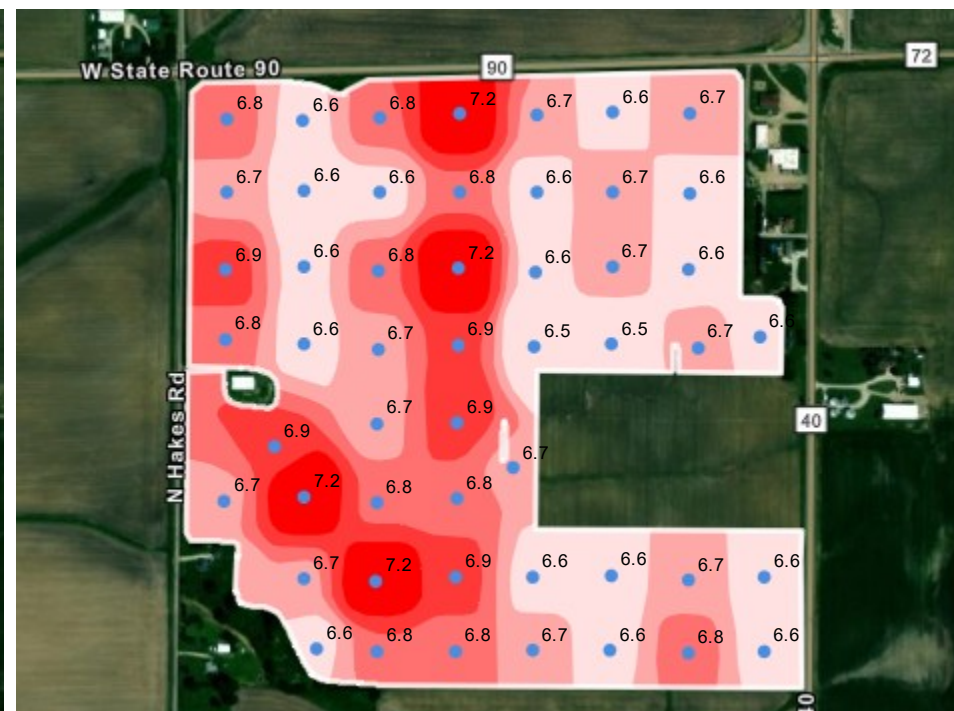


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Min: 5.4
Avg: 6.08
Max: 7

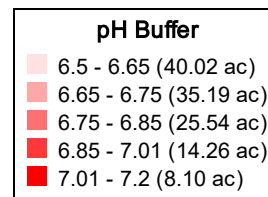


pH Buffer - Soil Test - 2023

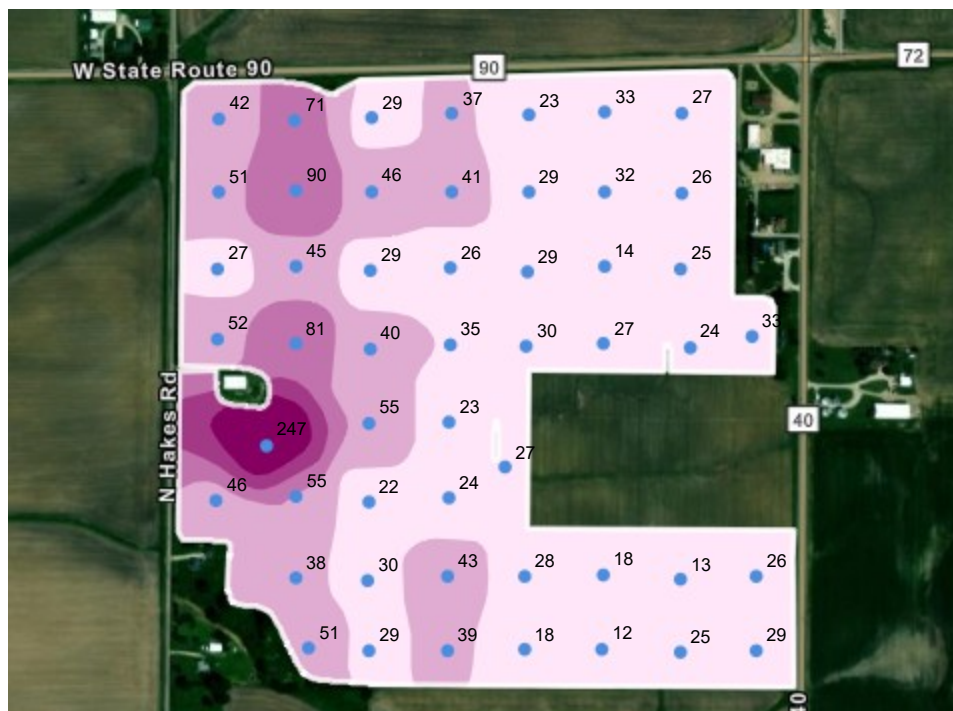


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Min: 6.5
Avg: 6.74
Max: 7.2



P - Soil Test - 2023



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Min: 12 ppm
Avg: 39.1 ppm
Max: 247 ppm

P-Bray 1 (ppm)

12 - 35 (75.93 ac)
35 - 60 (33.30 ac)
60 - 107 (9.49 ac)
107 - 177 (2.24 ac)
177 - 247 (2.15 ac)

K - Soil Test - 2023



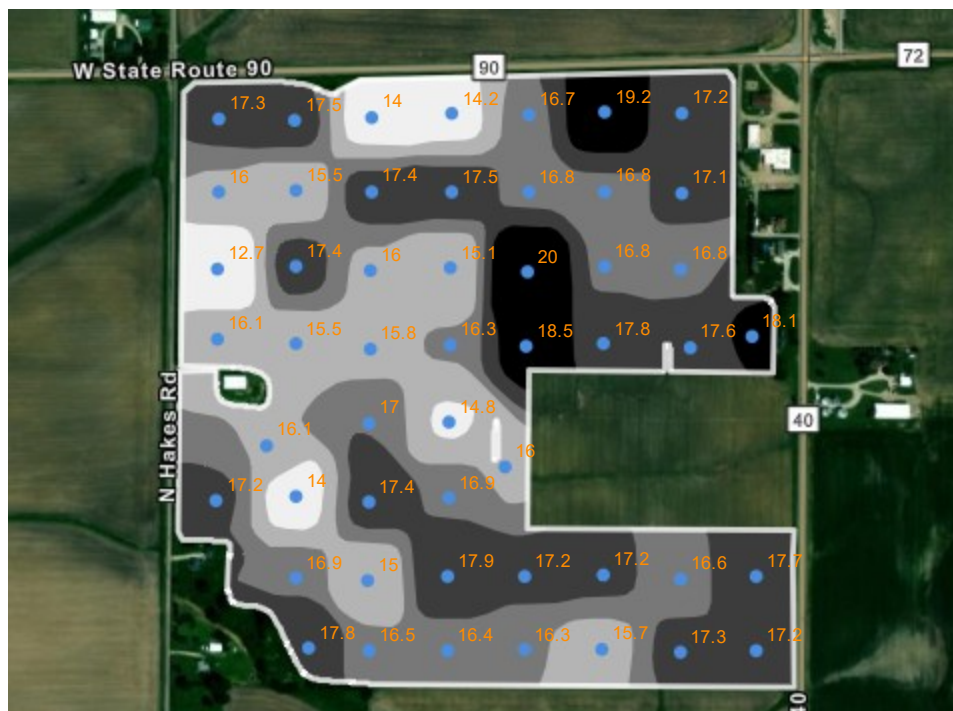
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Min: 122 ppm
Avg: 180 ppm
Max: 541 ppm

K (ppm)

122 - 166 (60.41 ac)
166 - 216 (44.02 ac)
216 - 302 (14.37 ac)
302 - 422 (2.19 ac)
422 - 541 (2.13 ac)

CEC - Soil Test - 2023



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Min: 12.7 meq/100g
 Avg: 16.6 meq/100g
 Max: 20 meq/100g

CEC (meq/100g)

12.7 - 15 (8.32 ac)
15 - 16.2 (30.54 ac)
16.2 - 17 (35.72 ac)
17 - 18 (40.77 ac)
18 - 20 (7.77 ac)

OM - Soil Test - 2023



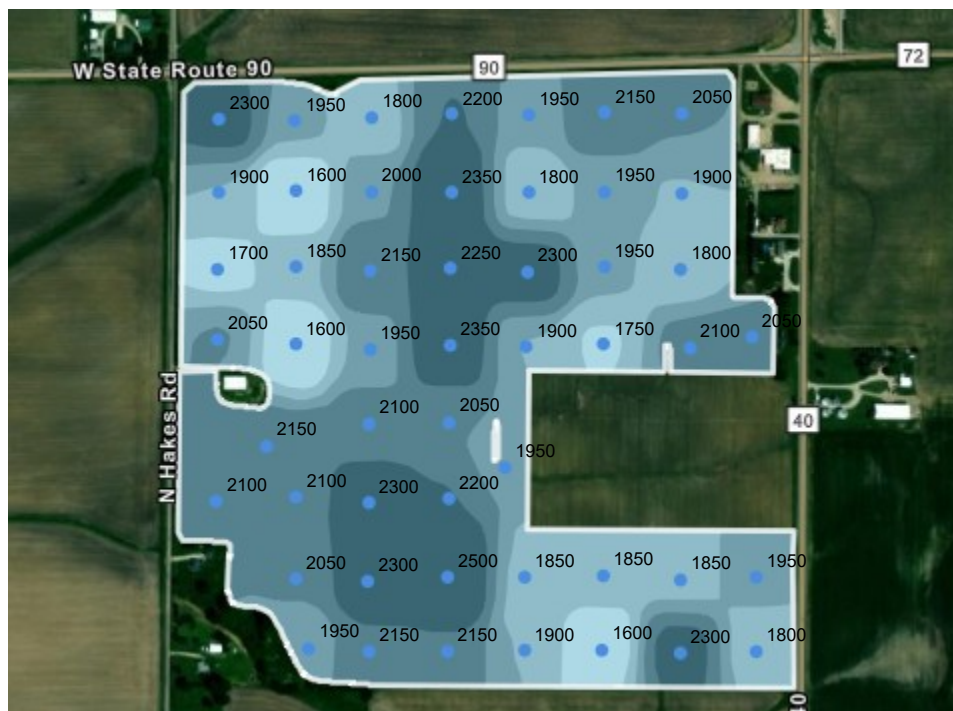
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Min: 3.1 %
 Avg: 3.66 %
 Max: 4.5 %

OM (%)

3.1 - 3.43 (25.83 ac)
3.43 - 3.65 (38.86 ac)
3.65 - 3.85 (27.87 ac)
3.85 - 4.13 (21.73 ac)
4.13 - 4.5 (8.82 ac)

Ca - Soil Test - 2023



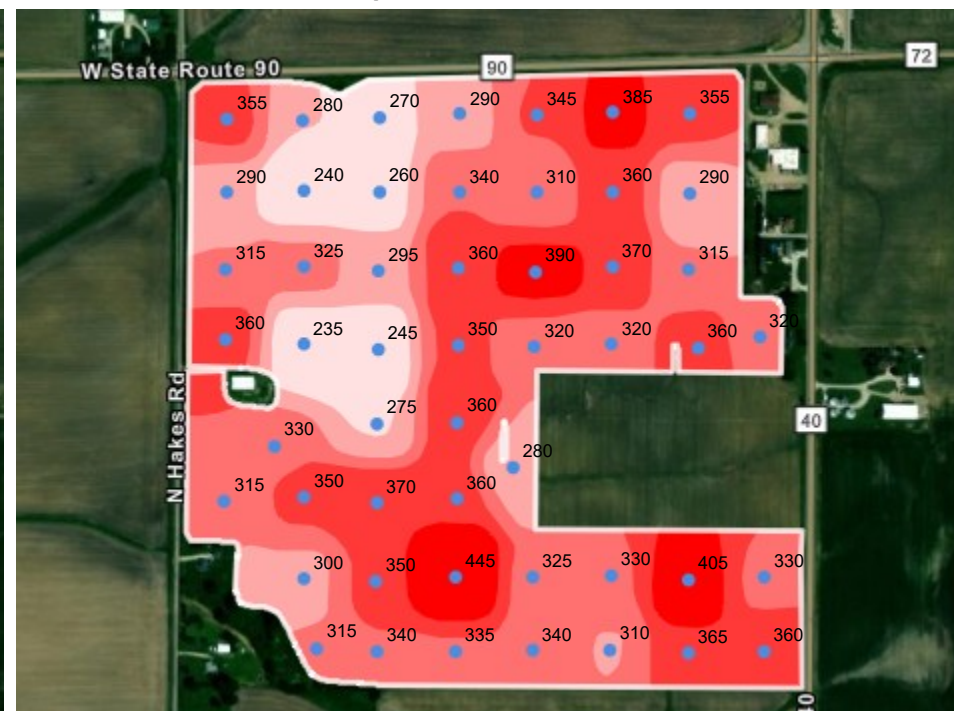
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Min: 1,600 ppm
Avg: 2,016 ppm
Max: 2,500 ppm

Ca (ppm)

1,600 - 1,773	(9.16 ac)
1,773 - 1,908	(27.84 ac)
1,908 - 2,035	(26.98 ac)
2,035 - 2,193	(38.53 ac)
2,193 - 2,500	(20.60 ac)

Mg - Soil Test - 2023



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Min: 235 ppm
Avg: 328 ppm
Max: 445 ppm

Mg (ppm)

235 - 279	(13.68 ac)
279 - 312	(20.04 ac)
312 - 342	(44.54 ac)
342 - 375	(36.00 ac)
375 - 445	(8.85 ac)

Zn - Soil Test - 2023



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Min: 1.4 ppm
Avg: 2.55 ppm
Max: 16.2 ppm

Zn (ppm)

1.4 - 2.23 (73.10 ac)
2.23 - 3.54 (36.40 ac)
3.54 - 6.75 (8.91 ac)
6.75 - 11.5 (2.48 ac)
11.5 - 16.2 (2.23 ac)

S - Soil Test - 2023



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Min: 4 ppm
Avg: 5.92 ppm
Max: 9 ppm

S (ppm)

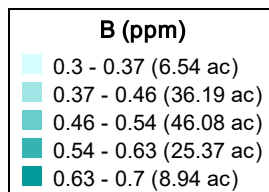
4 - 4.71 (3.89 ac)
4.71 - 5.54 (46.22 ac)
5.54 - 6.39 (40.62 ac)
6.39 - 7.38 (21.39 ac)
7.38 - 9 (11.00 ac)

B - Soil Test - 2023



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Min: 0.3 ppm
Avg: 0.49 ppm
Max: 0.7 ppm

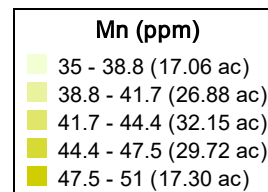


Mn - Soil Test - 2023



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Min: 35 ppm
Avg: 43.2 ppm
Max: 51 ppm

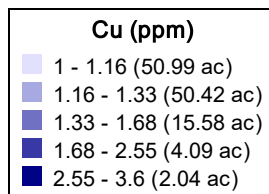


Cu - Soil Test - 2023



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Min: 1 ppm
 Avg: 1.25 ppm
 Max: 3.6 ppm

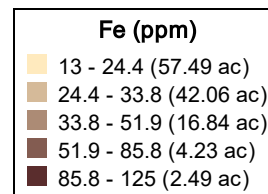


Fe - Soil Test - 2023



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Min: 13 ppm
 Avg: 28.3 ppm
 Max: 125 ppm



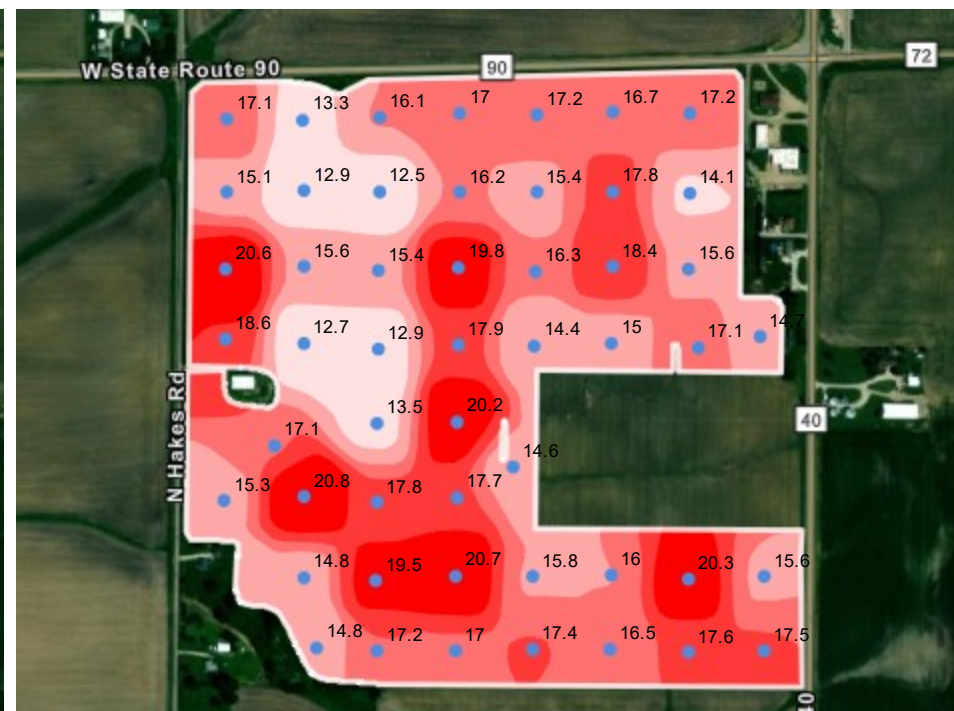
Ca % - Soil Test - 2023



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Min: 49.2 %
Avg: 60.8 %
Max: 77.5 %

Mg % - Soil Test - 2023



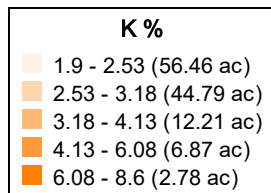
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Min: 12.5 %
Avg: 16.5 %
Max: 20.8 %

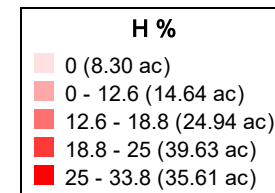
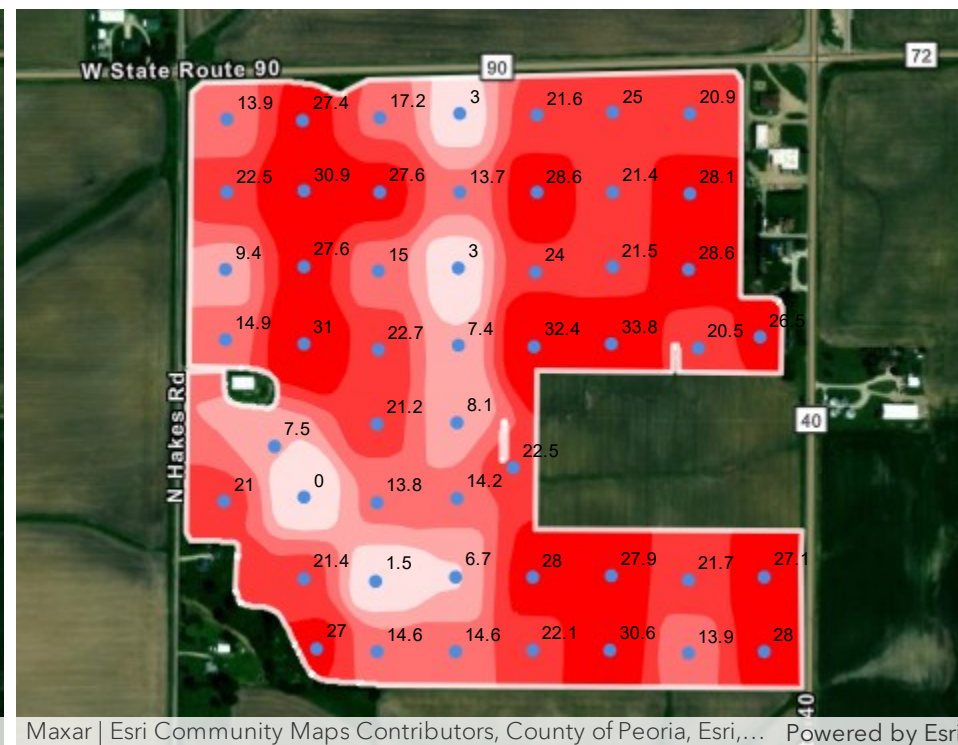
K % - Soil Test - 2023



Min: 1.9 %
 Avg: 2.8 %
 Max: 8.6 %



H % - Soil Test - 2023



Min: 0 %
 Avg: 19.9 %
 Max: 33.8 %



Grower: Shane Family Farms LLC
Farm: Thompson Farm
Field: Thompson East

Sample Date: 4/12/23
Sample Depth: 7 in
Field Area: 123.12 ac

Season: 2023

	Field Summary			1	2	3	4	5	6	7	8	9	10	11	12	13
	Min	Avg	Max													
pH	5.40	6.08	7.00	6.40	6.00	6.50	6.30	6.20	5.70	6.10	7.00	6.60	5.40	5.80	5.60	5.70
P-Bray 1 (ppm)	12.0	39.1	247	42.0	51.0	27.0	52.0	46.0	51.0	38.0	55.0	247.0	81.0	45.0	90.0	71.0
K (ppm)	122	180	541	182	185	154	174	170	227	195	236	541	275	253	288	256
pH Buffer	6.50	6.74	7.20	6.80	6.70	6.90	6.80	6.70	6.60	6.70	7.20	6.90	6.60	6.60	6.60	6.60
CEC (meq/100g)	12.7	16.6	20.0	17.3	16.0	12.7	16.1	17.2	17.8	16.9	14.0	16.1	15.5	17.4	15.5	17.5
OM (%)	3.10	3.66	4.50	3.90	3.70	3.40	4.10	4.50	4.30	3.90	3.40	4.30	3.90	3.80	3.90	3.30
Ca (ppm)	1,600	2,016	2,500	2,300	1,900	1,700	2,050	2,100	1,950	2,050	2,100	2,150	1,600	1,850	1,600	1,950
Mg (ppm)	235	328	445	355	290	315	360	315	315	300	350	330	235	325	240	280
S (ppm)	4.00	5.92	9.00	6.00	5.00	5.00	6.00	5.00	8.00	7.00	5.00	5.00	6.00	8.00	9.00	8.00
Zn (ppm)	1.40	2.55	16.2	2.80	2.70	2.10	2.70	4.30	2.40	2.60	4.00	16.20	3.90	2.20	2.90	2.00
Mn (ppm)	35.0	43.2	51.0	48.0	44.0	46.0	39.0	45.0	46.0	51.0	51.0	35.0	37.0	36.0	38.0	46.0
B (ppm)	0.30	0.49	0.70	0.50	0.50	0.50	0.50	0.60	0.40	0.50	0.70	0.70	0.40	0.40	0.40	0.50
Cu (ppm)	1.00	1.25	3.60	1.30	1.40	1.20	1.20	1.40	1.10	1.30	1.40	2.00	1.20	1.20	1.20	1.10
Fe (ppm)	13.0	28.3	125	25.0	38.0	19.0	30.0	30.0	28.0	33.0	22.0	125.0	61.0	31.0	41.0	38.0
K %	1.90	2.80	8.60	2.70	3.00	3.10	2.80	2.50	3.30	3.00	4.30	8.60	4.60	3.70	4.80	3.70
Ca %	49.2	60.8	77.5	66.4	59.4	66.8	63.7	61.2	54.9	60.8	74.9	66.8	51.7	53.1	51.5	55.6
Mg %	12.5	16.5	20.8	17.1	15.1	20.6	18.6	15.3	14.8	14.8	20.8	17.1	12.7	15.6	12.9	13.3
H %	0.00	19.9	33.8	13.9	22.5	9.4	14.9	21.0	27.0	21.4	0.0	7.5	31.0	27.6	30.9	27.4
P/Zn	7.06	15.4	35.5	15.0	18.9	12.9	19.3	10.7	21.3	14.6	13.8	15.2	20.8	20.5	31.0	35.5
Ca %/K %	7.77	23.3	33.3	24.6	19.8	21.5	22.8	24.5	16.6	20.3	17.4	7.8	11.2	14.4	10.7	15.0
Ca %/Mg %	2.74	3.72	4.78	3.88	3.93	3.24	3.42	4.00	3.71	4.11	3.60	3.91	4.07	3.40	3.99	4.18



Grower: Shane Family Farms LLC
 Farm: Thompson Farm
 Field: Thompson East

Sample Date: 4/12/23
 Sample Depth: 7 in
 Field Area: 123.12 ac

Season: 2023

	Field Summary			14	15	16	17	18	19	20	21	22	23	24	25	26
	Min	Avg	Max													
pH	5.40	6.08	7.00	6.20	5.70	6.40	6.10	6.00	6.50	6.90	6.40	6.30	6.60	6.30	6.60	6.70
P-Bray 1 (ppm)	12.0	39.1	247	29.0	46.0	29.0	40.0	55.0	22.0	30.0	29.0	39.0	43.0	24.0	23.0	35.0
K (ppm)	122	180	541	128	160	149	172	229	147	137	185	190	189	196	154	172
pH Buffer	6.50	6.74	7.20	6.80	6.60	6.80	6.70	6.70	6.80	7.20	6.80	6.80	6.90	6.80	6.90	6.90
CEC (meq/100g)	12.7	16.6	20.0	14.0	17.4	16.0	15.8	17.0	17.4	15.0	16.5	16.4	17.9	16.9	14.8	16.3
OM (%)	3.10	3.66	4.50	3.20	3.70	3.80	3.70	4.20	4.00	4.00	3.90	3.60	4.00	3.30	3.60	3.50
Ca (ppm)	1,600	2,016	2,500	1,800	2,000	2,150	1,950	2,100	2,300	2,300	2,150	2,150	2,500	2,200	2,050	2,350
Mg (ppm)	235	328	445	270	260	295	245	275	370	350	340	335	445	360	360	350
S (ppm)	4.00	5.92	9.00	5.00	6.00	4.00	5.00	6.00	5.00	5.00	6.00	4.00	6.00	5.00	5.00	5.00
Zn (ppm)	1.40	2.55	16.2	1.80	2.50	2.40	2.80	5.20	2.60	2.00	2.20	1.70	2.10	1.80	1.90	2.20
Mn (ppm)	35.0	43.2	51.0	43.0	43.0	45.0	43.0	37.0	40.0	45.0	46.0	44.0	45.0	46.0	44.0	40.0
B (ppm)	0.30	0.49	0.70	0.40	0.50	0.50	0.40	0.60	0.70	0.50	0.50	0.40	0.60	0.50	0.60	0.60
Cu (ppm)	1.00	1.25	3.60	1.10	1.30	1.10	1.20	1.30	1.30	1.10	1.10	1.10	1.20	1.20	1.10	1.10
Fe (ppm)	13.0	28.3	125	22.0	36.0	19.0	30.0	38.0	22.0	20.0	21.0	18.0	22.0	19.0	13.0	18.0
K %	1.90	2.80	8.60	2.30	2.40	2.40	2.80	3.50	2.20	2.30	2.90	3.00	2.70	3.00	2.70	2.70
Ca %	49.2	60.8	77.5	64.4	57.5	67.2	61.6	61.8	66.2	76.7	65.3	65.4	69.9	65.1	69.0	72.1
Mg %	12.5	16.5	20.8	16.1	12.5	15.4	12.9	13.5	17.8	19.5	17.2	17.0	20.7	17.7	20.2	17.9
H %	0.00	19.9	33.8	17.2	27.6	15.0	22.7	21.2	13.8	1.5	14.6	14.6	6.7	14.2	8.1	7.4
P/Zn	7.06	15.4	35.5	16.1	18.4	12.1	14.3	10.6	8.5	15.0	13.2	22.9	20.5	13.3	12.1	15.9
Ca %/K %	7.77	23.3	33.3	28.0	24.0	28.0	22.0	17.7	30.1	33.3	22.5	21.8	25.9	21.7	25.6	26.7
Ca %/Mg %	2.74	3.72	4.78	4.00	4.60	4.36	4.78	4.58	3.72	3.93	3.80	3.85	3.38	3.68	3.42	4.03



Grower: Shane Family Farms LLC
 Farm: Thompson Farm
 Field: Thompson East

Sample Date: 4/12/23
 Sample Depth: 7 in
 Field Area: 123.12 ac

Season: 2023

	Field Summary			27	28	29	30	31	32	33	34	35	36	37	38	39
	Min	Avg	Max													
pH	5.40	6.08	7.00	6.80	6.40	6.80	5.90	5.60	5.90	5.40	6.10	5.80	6.10	5.60	5.80	5.40
P-Bray 1 (ppm)	12.0	39.1	247	26.0	41.0	37.0	23.0	29.0	29.0	30.0	27.0	28.0	18.0	12.0	18.0	27.0
K (ppm)	122	180	541	162	199	140	178	165	161	135	125	158	146	122	154	140
pH Buffer	6.50	6.74	7.20	7.20	6.80	7.20	6.70	6.60	6.60	6.50	6.70	6.60	6.70	6.60	6.60	6.50
CEC (meq/100g)	12.7	16.6	20.0	15.1	17.5	14.2	16.7	16.8	20.0	18.5	16.0	17.2	16.3	15.7	17.2	17.8
OM (%)	3.10	3.66	4.50	3.60	3.60	3.80	3.20	3.70	3.60	3.40	3.30	4.00	3.40	3.50	3.70	3.40
Ca (ppm)	1,600	2,016	2,500	2,250	2,350	2,200	1,950	1,800	2,300	1,900	1,950	1,850	1,900	1,600	1,850	1,750
Mg (ppm)	235	328	445	360	340	290	345	310	390	320	280	325	340	310	330	320
S (ppm)	4.00	5.92	9.00	5.00	5.00	6.00	6.00	7.00	5.00	5.00	5.00	8.00	6.00	6.00	8.00	7.00
Zn (ppm)	1.40	2.55	16.2	2.10	2.30	2.10	1.40	1.80	1.60	1.80	2.30	1.80	1.50	1.70	2.30	1.80
Mn (ppm)	35.0	43.2	51.0	48.0	43.0	50.0	40.0	40.0	39.0	43.0	43.0	37.0	40.0	44.0	37.0	42.0
B (ppm)	0.30	0.49	0.70	0.60	0.60	0.60	0.40	0.60	0.40	0.40	0.50	0.40	0.30	0.30	0.40	0.40
Cu (ppm)	1.00	1.25	3.60	1.20	1.20	3.60	1.10	1.10	1.10	1.00	1.20	1.00	1.10	1.00	1.10	1.00
Fe (ppm)	13.0	28.3	125	21.0	27.0	33.0	20.0	24.0	27.0	23.0	23.0	26.0	16.0	20.0	22.0	19.0
K %	1.90	2.80	8.60	2.70	2.90	2.50	2.70	2.50	2.10	1.90	2.00	2.40	2.30	2.00	2.30	2.00
Ca %	49.2	60.8	77.5	74.4	67.2	77.5	58.4	53.6	57.6	51.3	60.9	53.9	58.3	51.0	53.8	49.2
Mg %	12.5	16.5	20.8	19.8	16.2	17.0	17.2	15.4	16.3	14.4	14.6	15.8	17.4	16.5	16.0	15.0
H %	0.00	19.9	33.8	3.0	13.7	3.0	21.6	28.6	24.0	32.4	22.5	28.0	22.1	30.6	27.9	33.8
P/Zn	7.06	15.4	35.5	12.4	17.8	17.6	16.4	16.1	18.1	16.7	11.7	15.6	12.0	7.1	7.8	15.0
Ca %/K %	7.77	23.3	33.3	27.6	23.2	31.0	21.6	21.4	27.4	27.0	30.5	22.5	25.3	25.5	23.4	24.6
Ca %/Mg %	2.74	3.72	4.78	3.76	4.15	4.56	3.40	3.48	3.53	3.56	4.17	3.41	3.35	3.09	3.36	3.28



Grower: Shane Family Farms LLC
 Farm: Thompson Farm
 Field: Thompson East

Sample Date: 4/12/23
 Sample Depth: 7 in
 Field Area: 123.12 ac

Season: 2023

	Field Summary			40	41	42	43	44	45	46	47	48	49	50	51
	Min	Avg	Max												
pH	5.40	6.08	7.00	5.90	5.90	5.90	6.00	5.70	5.50	5.90	5.70	6.10	6.30	5.80	5.80
P-Bray 1 (ppm)	12.0	39.1	247	14.0	32.0	33.0	27.0	26.0	25.0	24.0	33.0	13.0	25.0	29.0	26.0
K (ppm)	122	180	541	131	192	176	152	150	141	180	163	155	136	145	149
pH Buffer	6.50	6.74	7.20	6.70	6.70	6.60	6.70	6.60	6.60	6.70	6.60	6.70	6.80	6.60	6.60
CEC (meq/100g)	12.7	16.6	20.0	16.8	16.8	19.2	17.2	17.1	16.8	17.6	18.1	16.6	17.3	17.2	17.7
OM (%)	3.10	3.66	4.50	3.40	3.90	3.80	3.40	3.20	3.10	3.50	3.60	3.10	3.60	3.50	3.60
Ca (ppm)	1,600	2,016	2,500	1,950	1,950	2,150	2,050	1,900	1,800	2,100	2,050	1,850	2,300	1,800	1,950
Mg (ppm)	235	328	445	370	360	385	355	290	315	360	320	405	365	360	330
S (ppm)	4.00	5.92	9.00	5.00	6.00	7.00	6.00	6.00	7.00	5.00	5.00	7.00	6.00	7.00	6.00
Zn (ppm)	1.40	2.55	16.2	1.60	2.00	2.40	2.00	1.90	1.60	1.90	2.30	1.40	2.60	1.70	1.90
Mn (ppm)	35.0	43.2	51.0	39.0	45.0	50.0	51.0	48.0	45.0	40.0	40.0	38.0	50.0	46.0	43.0
B (ppm)	0.30	0.49	0.70	0.50	0.50	0.50	0.50	0.40	0.40	0.60	0.50	0.50	0.70	0.30	0.40
Cu (ppm)	1.00	1.25	3.60	1.10	1.20	1.40	1.20	1.30	1.10	1.20	1.50	1.00	1.60	1.10	1.10
Fe (ppm)	13.0	28.3	125	18.0	29.0	50.0	27.0	26.0	20.0	19.0	30.0	15.0	41.0	22.0	25.0
K %	1.90	2.80	8.60	2.00	2.90	2.30	2.30	2.20	2.20	2.60	2.30	2.40	2.00	2.20	2.20
Ca %	49.2	60.8	77.5	58.1	57.9	56.0	59.6	55.6	53.6	59.8	56.5	55.6	66.5	52.4	55.1
Mg %	12.5	16.5	20.8	18.4	17.8	16.7	17.2	14.1	15.6	17.1	14.7	20.3	17.6	17.5	15.6
H %	0.00	19.9	33.8	21.5	21.4	25.0	20.9	28.1	28.6	20.5	26.5	21.7	13.9	28.0	27.1
P/Zn	7.06	15.4	35.5	8.8	16.0	13.8	13.5	13.7	15.6	12.6	14.3	9.3	9.6	17.1	13.7
Ca %/K %	7.77	23.3	33.3	29.1	20.0	24.3	25.9	25.3	24.4	23.0	24.6	23.2	33.3	23.8	25.0
Ca %/Mg %	2.74	3.72	4.78	3.16	3.25	3.35	3.47	3.94	3.44	3.50	3.84	2.74	3.78	2.99	3.53



Shane Family Farms LLC

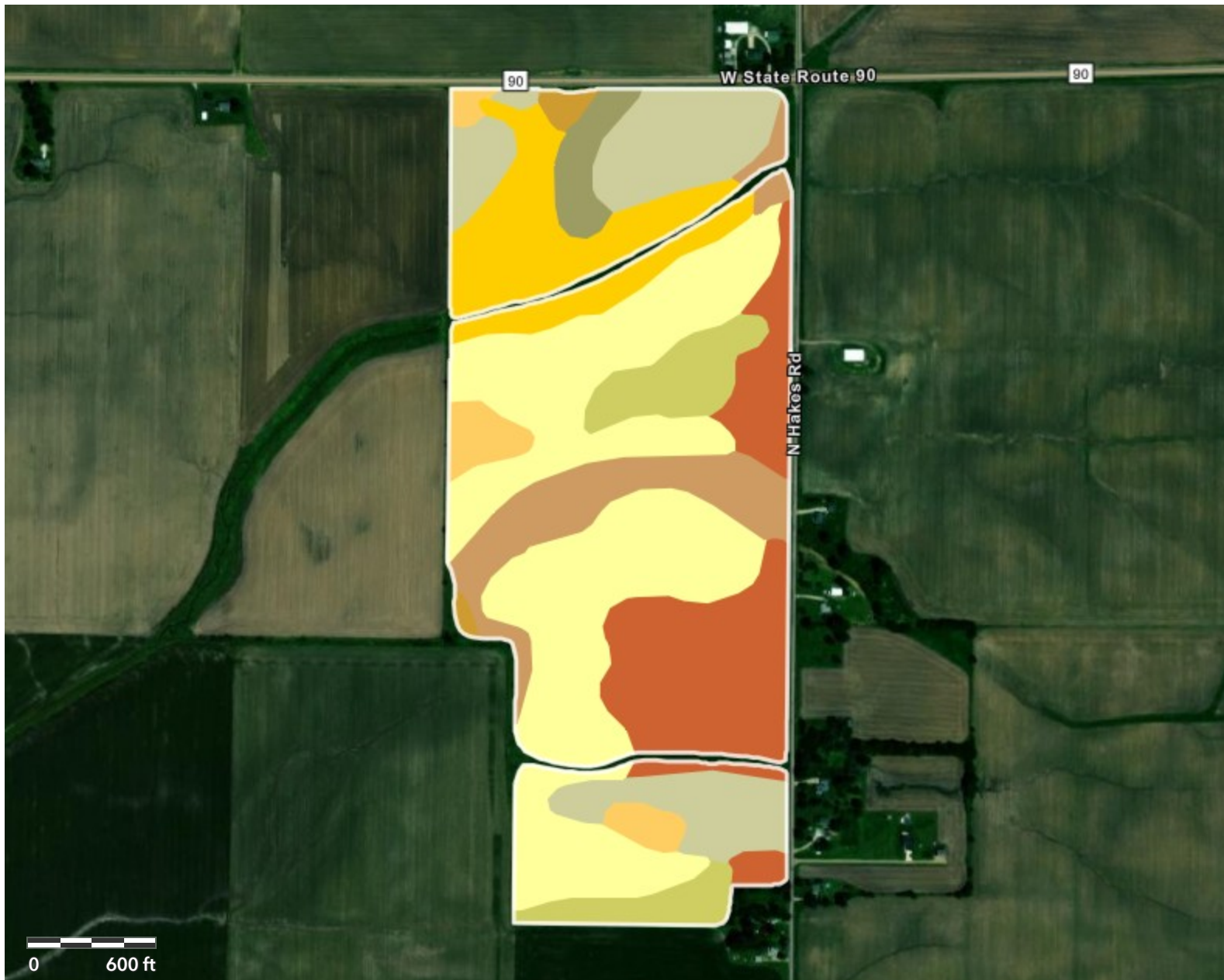
Thompson Farm

Thompson West

131.51 ac

Soil Type

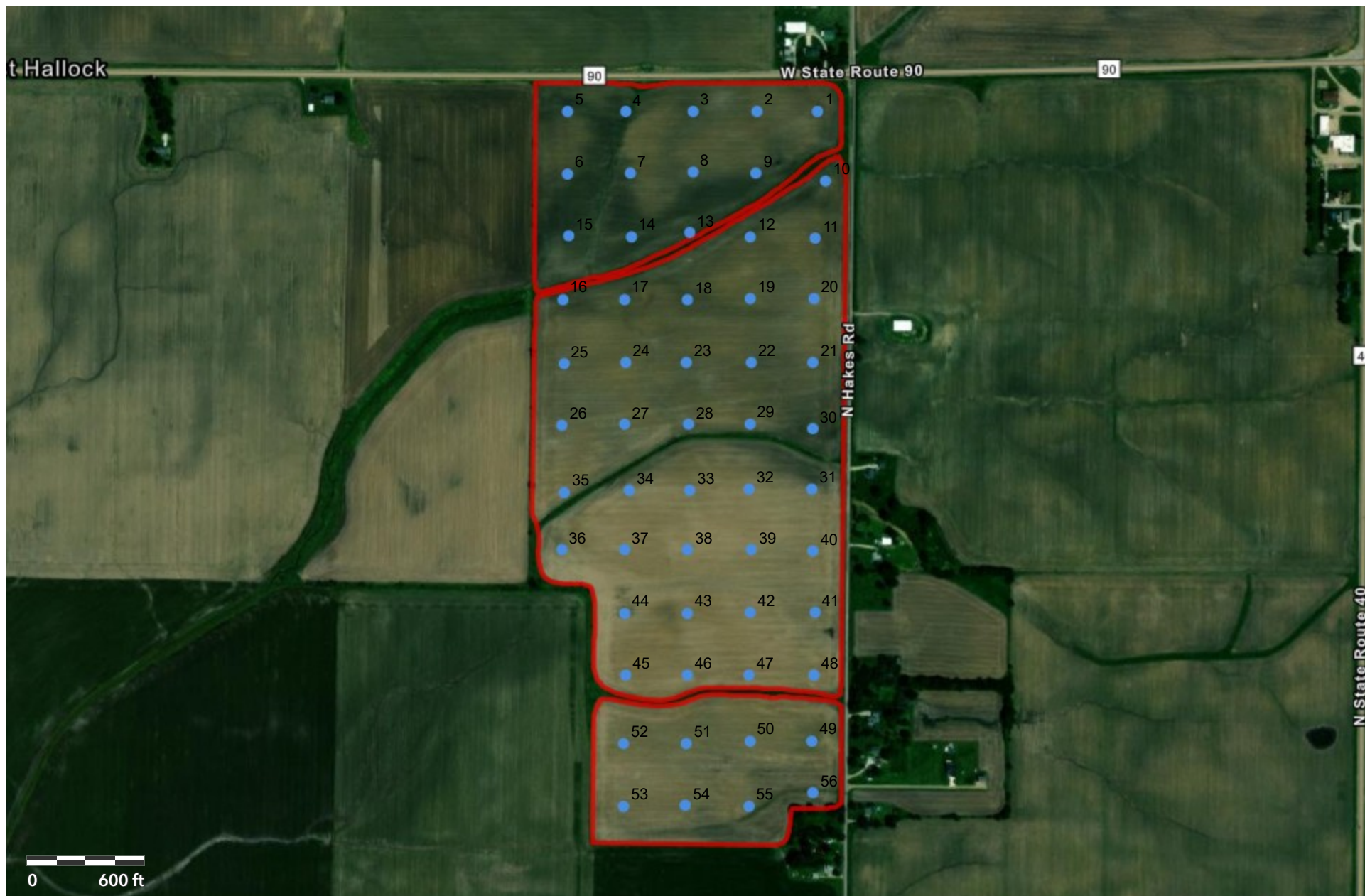
**Shane Family
Farms LLC**
Thompson Farm
Thompson West
131.51 ac



Soil Type

- Catlin silt loam, 2 to 5 percent slopes, eroded (22.76 ac)
- Drummer silty clay loam, 0 to 2 percent slopes (16.14 ac)
- Elburn silt loam, 0 to 2 percent slopes (9.22 ac)
- Ipava silt loam, 0 to 2 percent slopes (4.66 ac)
- Osco silt loam, 2 to 5 percent slopes (17.63 ac)
- Peotone silty clay loam, 0 to 2 percent slopes (1.20 ac)
- Plano silt loam, 2 to 5 percent slopes (45.76 ac)
- Proctor silt loam, 2 to 5 percent slopes (2.99 ac)
- Sable silty clay loam, 0 to 2 percent slopes (11.14 ac)

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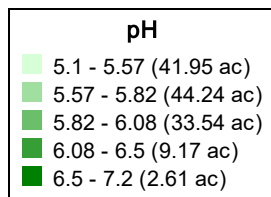


pH - Soil Test - 2023

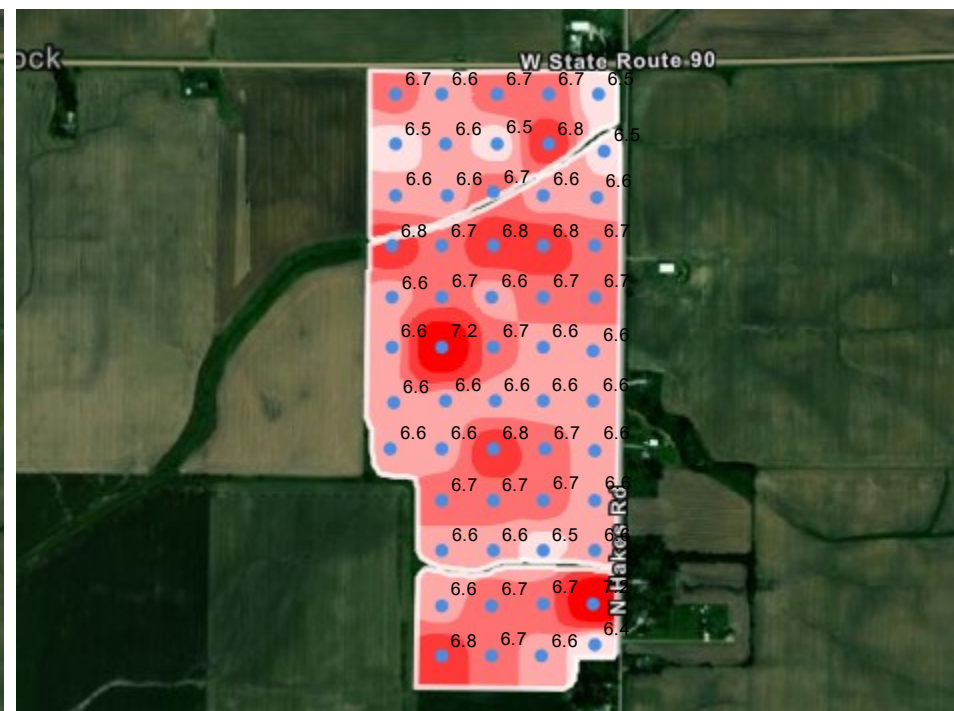


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Min: 5.1
Avg: 5.73
Max: 7.2

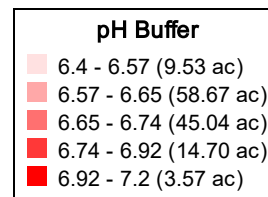


pH Buffer - Soil Test - 2023

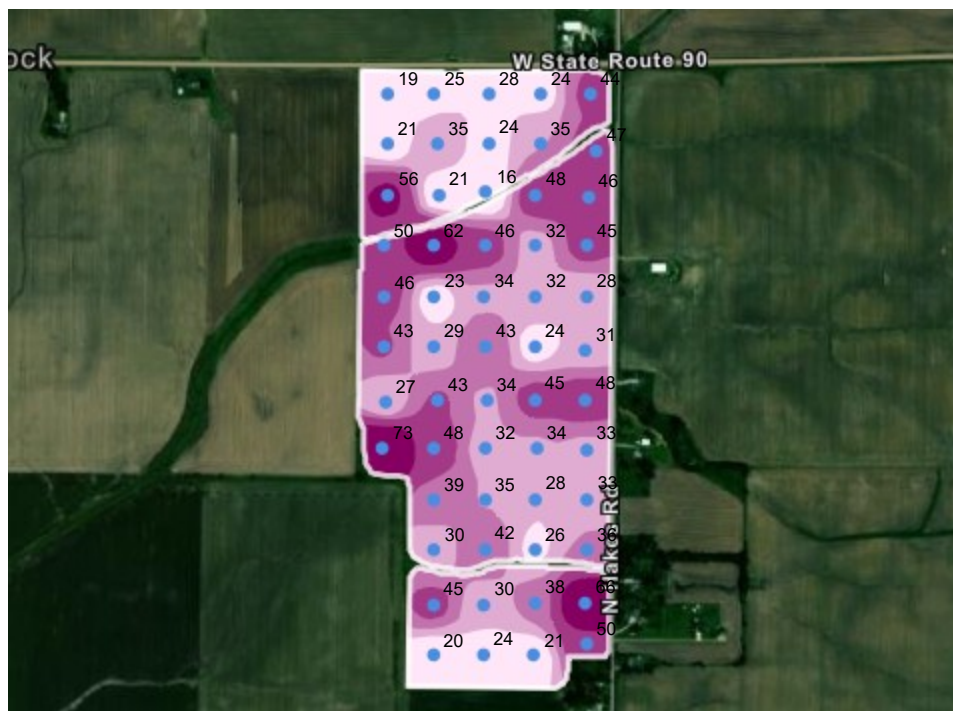


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Min: 6.4
Avg: 6.66
Max: 7.2



P - Soil Test - 2023



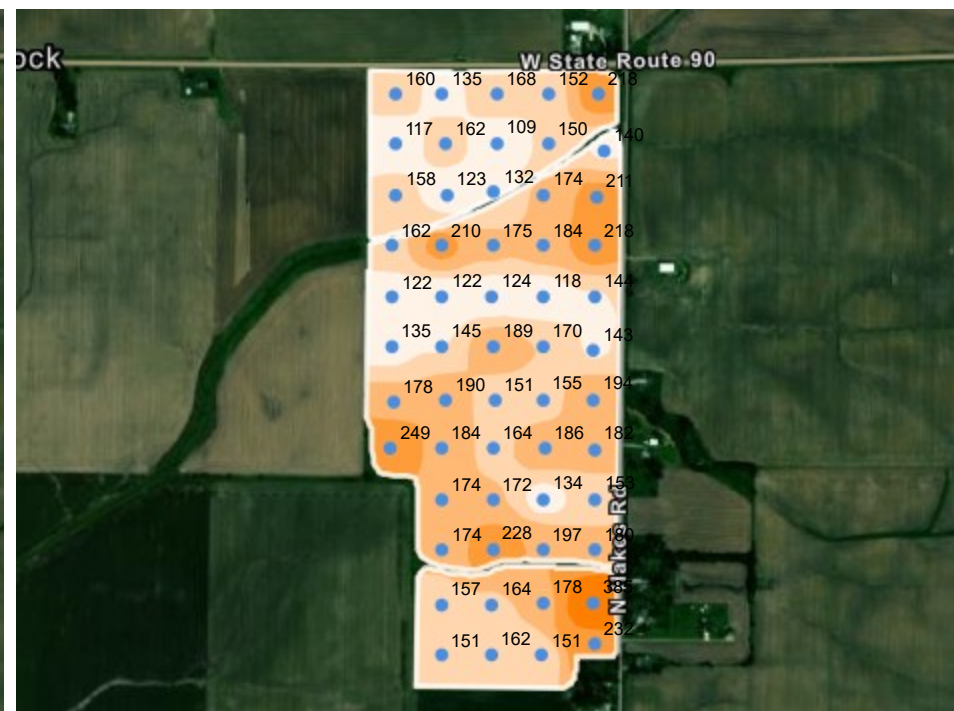
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Min: 16 ppm
Avg: 36.4 ppm
Max: 73 ppm

P-Bray 1 (ppm)

16 - 28.1 (26.51 ac)
28.1 - 35.2 (42.87 ac)
35.2 - 42.3 (29.42 ac)
42.3 - 53.4 (26.70 ac)
53.4 - 73 (6.01 ac)

K - Soil Test - 2023



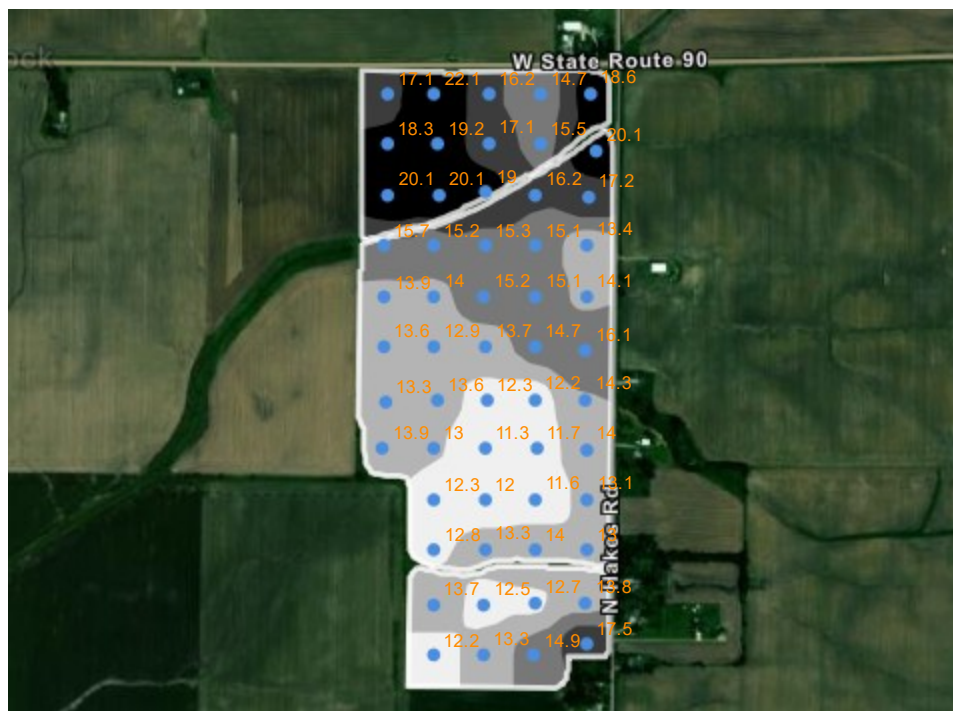
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K (ppm)

109 - 146 (28.56 ac)
146 - 170 (50.15 ac)
170 - 201 (38.69 ac)
201 - 277 (11.95 ac)
277 - 385 (2.15 ac)

Min: 109 ppm
Avg: 170 ppm
Max: 385 ppm

CEC - Soil Test - 2023



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Min: 11.3 meq/100g
Avg: 14.9 meq/100g
Max: 22.1 meq/100g

CEC (meq/100g)

11.3 - 12.9 (25.38 ac)
12.9 - 14.4 (46.12 ac)
14.4 - 16.1 (28.24 ac)
16.1 - 18.2 (15.57 ac)
18.2 - 22.1 (16.19 ac)

OM - Soil Test - 2023



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OM (%)

3.2 - 3.75 (42.25 ac)
3.75 - 4.12 (39.68 ac)
4.12 - 4.5 (23.86 ac)
4.5 - 5.14 (22.90 ac)
5.14 - 6 (2.82 ac)

Min: 3.2 %
Avg: 4.06 %
Max: 6 %

Ca - Soil Test - 2023



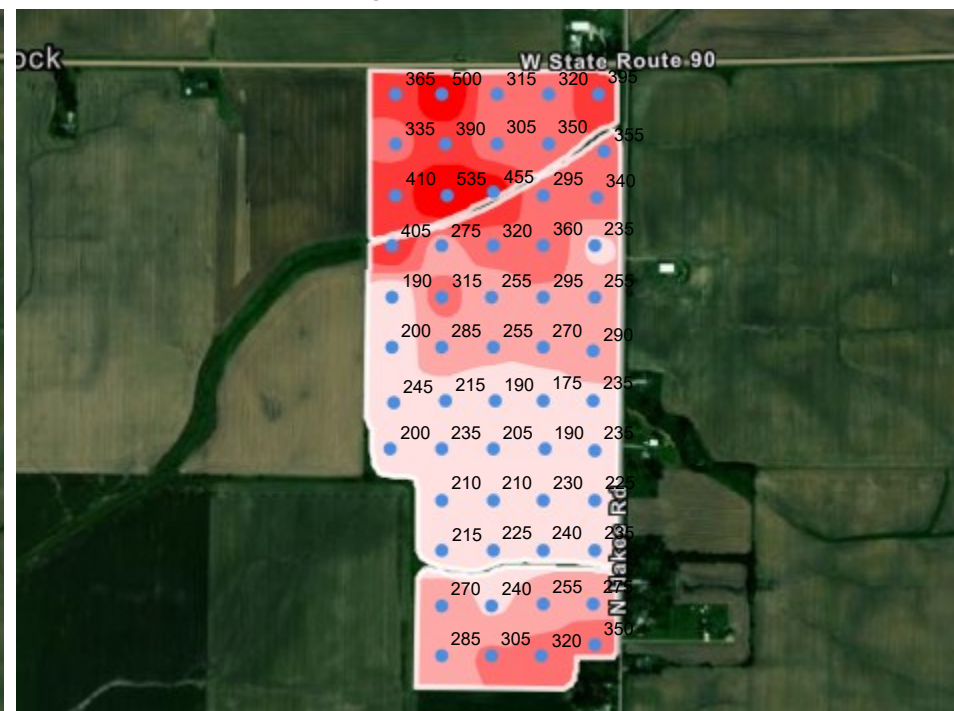
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Min: 1,100 ppm
Avg: 1,571 ppm
Max: 2,550 ppm

Ca (ppm)

1,100 - 1,309 (39.47 ac)
1,309 - 1,535 (29.35 ac)
1,535 - 1,787 (26.99 ac)
1,787 - 2,044 (23.03 ac)
2,044 - 2,550 (12.67 ac)

Mg - Soil Test - 2023



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Min: 175 ppm
Avg: 287 ppm
Max: 535 ppm

Mg (ppm)

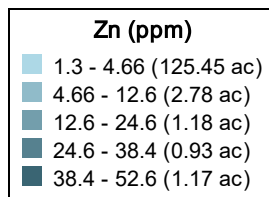
175 - 246 (48.96 ac)
246 - 301 (33.93 ac)
301 - 360 (29.43 ac)
360 - 431 (14.14 ac)
431 - 535 (5.05 ac)

Zn - Soil Test - 2023



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Min: 1.3 ppm
Avg: 2.94 ppm
Max: 52.6 ppm

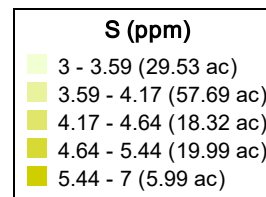


S - Soil Test - 2023



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Min: 3 ppm
Avg: 4.11 ppm
Max: 7 ppm

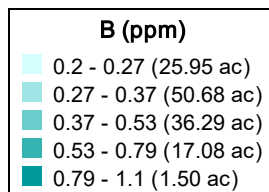


B - Soil Test - 2023



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Min: 0.2 ppm
Avg: 0.38 ppm
Max: 1.1 ppm

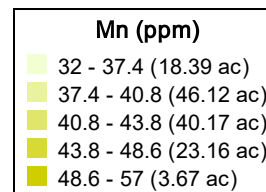


Mn - Soil Test - 2023



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Min: 32 ppm
Avg: 41 ppm
Max: 57 ppm



Cu - Soil Test - 2023



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Min: 0.9 ppm
Avg: 1.2 ppm
Max: 3.3 ppm

Cu (ppm)

0.9 - 1.1 (63.82 ac)
1.1 - 1.3 (38.42 ac)
1.3 - 1.58 (20.66 ac)
1.58 - 2.29 (6.86 ac)
2.29 - 3.3 (1.76 ac)

Fe - Soil Test - 2023



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Min: 13 ppm
Avg: 23 ppm
Max: 39 ppm

Fe (ppm)

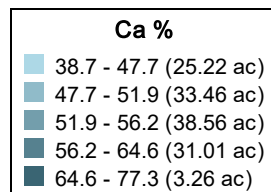
13 - 18.3 (17.36 ac)
18.3 - 21.8 (46.80 ac)
21.8 - 25.6 (38.33 ac)
25.6 - 30.7 (17.69 ac)
30.7 - 39 (11.33 ac)

Ca % - Soil Test - 2023

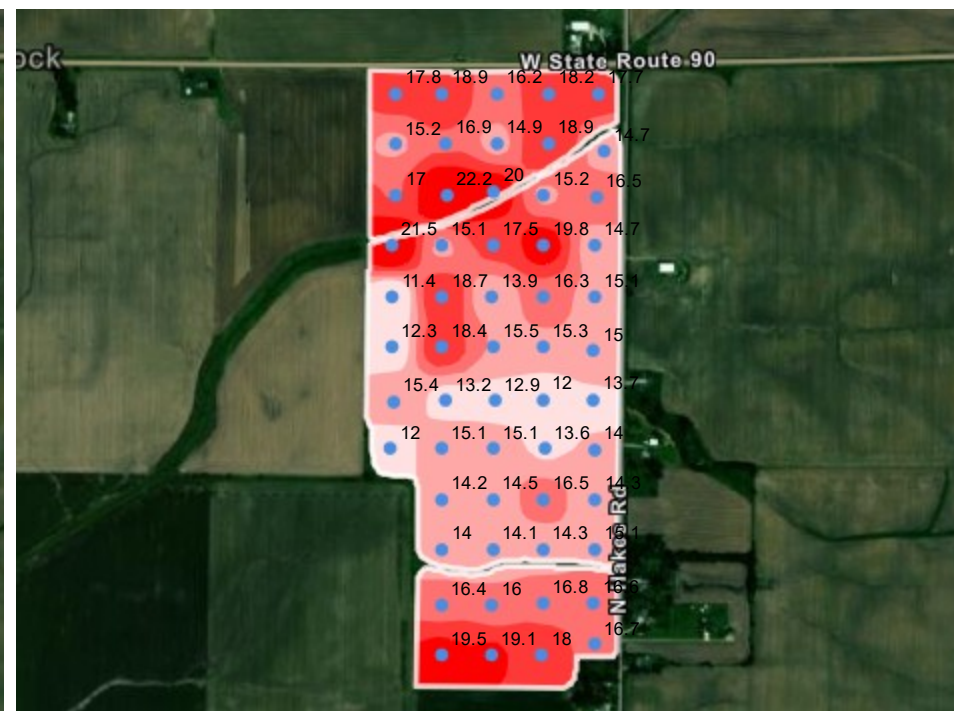


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Min: 38.7 %
Avg: 52.7 %
Max: 77.3 %

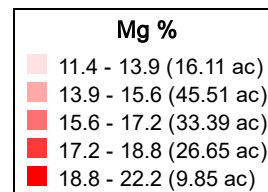


Mg % - Soil Test - 2023

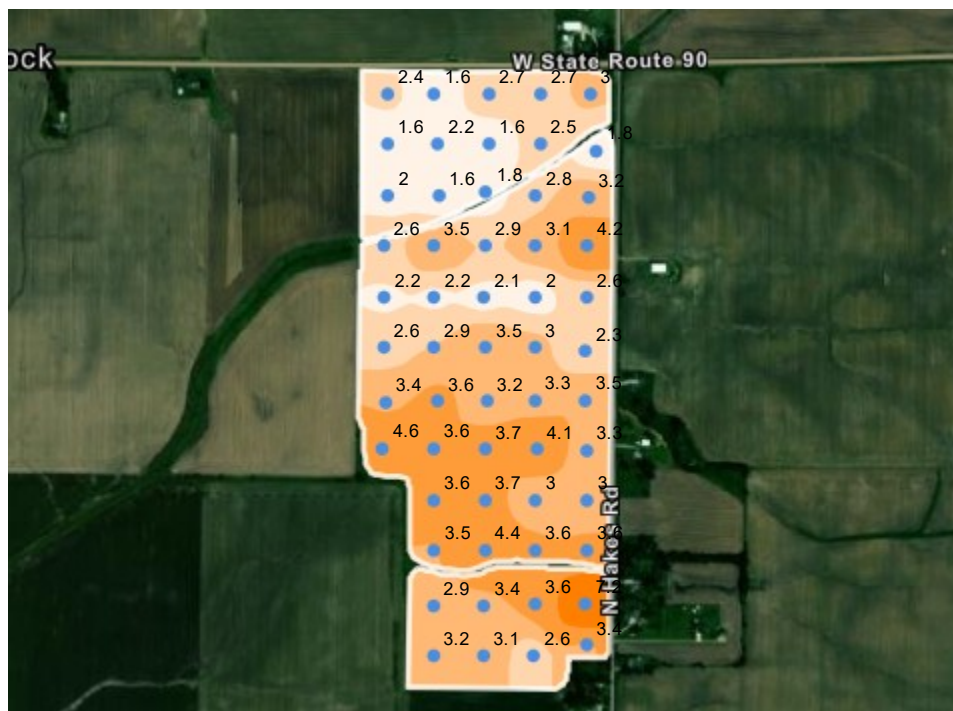


Maxar | Esri Community Maps Contributors, County of Peoria, Esri,... Powered by Esri

Min: 11.4 %
Avg: 16 %
Max: 22.2 %

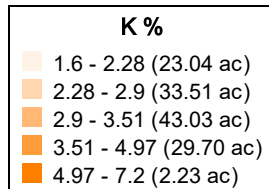


K % - Soil Test - 2023

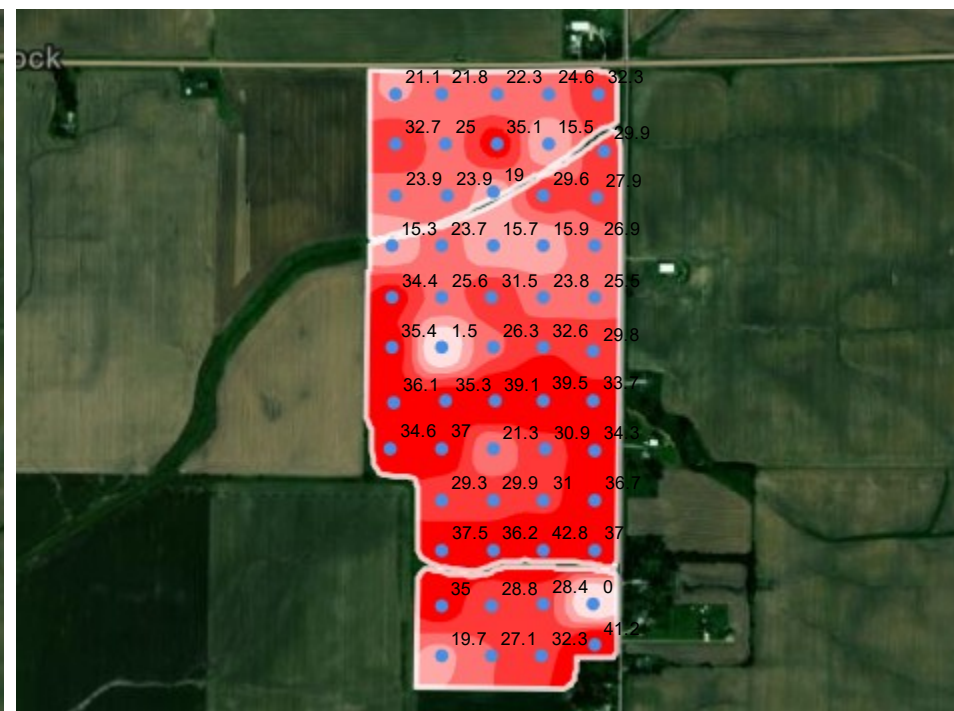


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Min: 1.6 %
Avg: 3.02 %
Max: 7.2 %

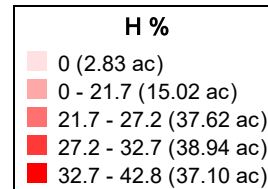


H % - Soil Test - 2023



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Min: 0 %
Avg: 28.3 %
Max: 42.8 %





Grower: Shane Family Farms LLC
 Farm: Thompson Farm
 Field: Thompson West

Sample Date: 4/12/23
 Sample Depth: 7 in
 Field Area: 131.51 ac

Season: 2023

	Field Summary			1	2	3	4	5	6	7	8	9	10	11	12	13
	Min	Avg	Max													
pH	5.10	5.73	7.20	5.50	5.90	6.10	6.00	6.00	5.30	5.80	5.40	6.20	5.40	5.70	5.50	6.00
P-Bray 1 (ppm)	16.0	36.4	73.0	44.0	24.0	28.0	25.0	19.0	21.0	35.0	24.0	35.0	47.0	46.0	48.0	16.0
K (ppm)	109	170	385	218	152	168	135	160	117	162	109	150	140	211	174	132
pH Buffer	6.40	6.66	7.20	6.50	6.70	6.70	6.60	6.70	6.50	6.60	6.50	6.80	6.50	6.60	6.60	6.70
CEC (meq/100g)	11.3	14.9	22.1	18.6	14.7	16.2	22.1	17.1	18.3	19.2	17.1	15.5	20.1	17.2	16.2	19.0
OM (%)	3.20	4.06	6.00	4.00	3.60	4.20	4.70	4.60	4.60	4.60	4.30	4.70	4.30	3.90	4.30	4.40
Ca (ppm)	1,100	1,571	2,550	1,750	1,600	1,900	2,550	2,000	1,850	2,150	1,650	1,950	2,150	1,800	1,700	2,250
Mg (ppm)	175	287	535	395	320	315	500	365	335	390	305	350	355	340	295	455
S (ppm)	3.00	4.11	7.00	7.00	4.00	4.00	5.00	3.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	3.00
Zn (ppm)	1.30	2.94	52.6	1.80	2.00	2.40	2.40	1.70	2.00	1.80	1.90	2.30	2.80	1.90	1.70	1.90
Mn (ppm)	32.0	41.0	57.0	42.0	46.0	36.0	33.0	33.0	41.0	40.0	37.0	43.0	39.0	39.0	39.0	37.0
B (ppm)	0.20	0.38	1.10	0.40	0.40	0.50	0.70	0.40	0.40	0.60	0.30	0.60	0.50	0.40	0.30	0.70
Cu (ppm)	0.90	1.20	3.30	1.20	1.10	1.20	1.90	1.30	1.30	1.40	1.20	1.40	1.80	1.20	1.20	1.50
Fe (ppm)	13.0	23.0	39.0	34.0	22.0	29.0	23.0	19.0	25.0	20.0	23.0	28.0	39.0	31.0	24.0	20.0
K %	1.60	3.02	7.20	3.00	2.70	2.70	1.60	2.40	1.60	2.20	1.60	2.50	1.80	3.20	2.80	1.80
Ca %	38.7	52.7	77.3	47.0	54.6	58.8	57.8	58.6	50.4	55.9	48.3	63.1	53.6	52.4	52.5	59.3
Mg %	11.4	16.0	22.2	17.7	18.2	16.2	18.9	17.8	15.2	16.9	14.9	18.9	14.7	16.5	15.2	20.0
H %	0.00	28.3	42.8	32.3	24.6	22.3	21.8	21.1	32.7	25.0	35.1	15.5	29.9	27.9	29.6	19.0
P/Zn	1.25	17.8	30.4	24.4	12.0	11.7	10.4	11.2	10.5	19.4	12.6	15.2	16.8	24.2	28.2	8.4
Ca %/K %	10.3	19.1	36.1	15.7	20.2	21.8	36.1	24.4	31.5	25.4	30.2	25.2	29.8	16.4	18.8	32.9
Ca %/Mg %	2.32	3.34	4.59	2.66	3.00	3.63	3.06	3.29	3.32	3.31	3.24	3.34	3.65	3.18	3.45	2.97



Grower: Shane Family Farms LLC
 Farm: Thompson Farm
 Field: Thompson West

Sample Date: 4/12/23
 Sample Depth: 7 in
 Field Area: 131.51 ac

Season: 2023

	Field Summary			14	15	16	17	18	19	20	21	22	23	24	25	26
	Min	Avg	Max													
pH	5.10	5.73	7.20	5.90	5.80	6.30	6.00	6.30	6.40	5.90	6.00	5.80	5.60	5.70	5.40	5.50
P-Bray 1 (ppm)	16.0	36.4	73.0	21.0	56.0	50.0	62.0	46.0	32.0	45.0	28.0	32.0	34.0	23.0	46.0	43.0
K (ppm)	109	170	385	123	158	162	210	175	184	218	144	118	124	122	122	135
pH Buffer	6.40	6.66	7.20	6.60	6.60	6.80	6.70	6.80	6.80	6.70	6.70	6.70	6.60	6.70	6.60	6.60
CEC (meq/100g)	11.3	14.9	22.1	20.1	20.1	15.7	15.2	15.3	15.1	13.4	14.1	15.1	15.2	14.0	13.9	13.6
OM (%)	3.20	4.06	6.00	5.00	6.00	4.60	4.40	5.00	4.30	3.60	4.10	3.80	3.50	4.00	4.20	4.10
Ca (ppm)	1,100	1,571	2,550	2,100	2,300	1,900	1,750	1,950	1,850	1,450	1,600	1,750	1,600	1,500	1,450	1,350
Mg (ppm)	175	287	535	535	410	405	275	320	360	235	255	295	255	315	190	200
S (ppm)	3.00	4.11	7.00	4.00	4.00	3.00	3.00	3.00	3.00	4.00	4.00	4.00	3.00	4.00	4.00	4.00
Zn (ppm)	1.30	2.94	52.6	1.60	2.60	2.40	2.30	2.40	1.90	2.70	2.00	1.70	1.90	1.50	2.10	1.90
Mn (ppm)	32.0	41.0	57.0	32.0	33.0	43.0	42.0	42.0	41.0	40.0	41.0	38.0	36.0	40.0	43.0	41.0
B (ppm)	0.20	0.38	1.10	0.70	0.70	0.60	0.50	0.50	0.40	0.20	0.30	0.30	0.30	0.30	0.20	0.30
Cu (ppm)	0.90	1.20	3.30	1.50	1.80	1.40	1.20	1.10	1.00	1.20	1.00	1.00	1.00	1.10	1.00	1.00
Fe (ppm)	13.0	23.0	39.0	13.0	30.0	14.0	24.0	20.0	18.0	25.0	17.0	13.0	25.0	19.0	21.0	19.0
K %	1.60	3.02	7.20	1.60	2.00	2.60	3.50	2.90	3.10	4.20	2.60	2.00	2.10	2.20	2.20	2.60
Ca %	38.7	52.7	77.3	52.3	57.2	60.5	57.6	63.9	61.2	54.2	56.8	57.9	52.5	53.4	52.0	49.8
Mg %	11.4	16.0	22.2	22.2	17.0	21.5	15.1	17.5	19.8	14.7	15.1	16.3	13.9	18.7	11.4	12.3
H %	0.00	28.3	42.8	23.9	23.9	15.3	23.7	15.7	15.9	26.9	25.5	23.8	31.5	25.6	34.4	35.4
P/Zn	1.25	17.8	30.4	13.1	21.5	20.8	27.0	19.2	16.8	16.7	14.0	18.8	17.9	15.3	21.9	22.6
Ca %/K %	10.3	19.1	36.1	32.7	28.6	23.3	16.5	22.0	19.7	12.9	21.8	29.0	25.0	24.3	23.6	19.2
Ca %/Mg %	2.32	3.34	4.59	2.36	3.36	2.81	3.81	3.65	3.09	3.69	3.76	3.55	3.78	2.86	4.56	4.05



Grower: Shane Family Farms LLC
 Farm: Thompson Farm
 Field: Thompson West

Sample Date: 4/12/23
 Sample Depth: 7 in
 Field Area: 131.51 ac

Season: 2023

	Field Summary			27	28	29	30	31	32	33	34	35	36	37	38	39
	Min	Avg	Max													
pH	5.10	5.73	7.20	6.90	5.90	5.60	5.60	5.60	5.20	5.20	5.50	5.50	5.40	5.40	6.00	5.80
P-Bray 1 (ppm)	16.0	36.4	73.0	29.0	43.0	24.0	31.0	48.0	45.0	34.0	43.0	27.0	73.0	48.0	32.0	34.0
K (ppm)	109	170	385	145	189	170	143	194	155	151	190	178	249	184	164	186
pH Buffer	6.40	6.66	7.20	7.20	6.70	6.60	6.60	6.60	6.60	6.60	6.60	6.60	6.60	6.60	6.80	6.70
CEC (meq/100g)	11.3	14.9	22.1	12.9	13.7	14.7	16.1	14.3	12.2	12.3	13.6	13.3	13.9	13.0	11.3	11.7
OM (%)	3.20	4.06	6.00	4.00	4.00	4.10	4.90	4.20	3.40	3.20	3.70	3.70	4.10	3.50	3.40	3.50
Ca (ppm)	1,100	1,571	2,550	2,000	1,500	1,450	1,700	1,400	1,100	1,100	1,300	1,200	1,350	1,150	1,350	1,200
Mg (ppm)	175	287	535	285	255	270	290	235	175	190	215	245	200	235	205	190
S (ppm)	3.00	4.11	7.00	3.00	3.00	5.00	4.00	4.00	3.00	5.00	4.00	5.00	3.00	5.00	4.00	4.00
Zn (ppm)	1.30	2.94	52.6	2.10	2.10	1.60	1.70	2.30	2.00	1.70	1.80	1.50	2.40	1.70	1.70	1.90
Mn (ppm)	32.0	41.0	57.0	57.0	41.0	40.0	36.0	39.0	48.0	46.0	41.0	40.0	41.0	40.0	46.0	44.0
B (ppm)	0.20	0.38	1.10	0.50	0.30	0.20	0.30	0.40	0.20	0.20	0.30	0.30	0.30	0.30	0.40	0.20
Cu (ppm)	0.90	1.20	3.30	1.20	1.20	1.20	1.10	1.30	1.00	1.00	1.20	1.00	1.10	0.90	0.90	1.00
Fe (ppm)	13.0	23.0	39.0	15.0	21.0	19.0	26.0	33.0	24.0	23.0	39.0	20.0	32.0	20.0	13.0	20.0
K %	1.60	3.02	7.20	2.90	3.50	3.00	2.30	3.50	3.30	3.20	3.60	3.40	4.60	3.60	3.70	4.10
Ca %	38.7	52.7	77.3	77.3	54.7	49.2	52.8	49.1	45.2	44.8	47.9	45.1	48.7	44.3	59.8	51.5
Mg %	11.4	16.0	22.2	18.4	15.5	15.3	15.0	13.7	12.0	12.9	13.2	15.4	12.0	15.1	15.1	13.6
H %	0.00	28.3	42.8	1.5	26.3	32.6	29.8	33.7	39.5	39.1	35.3	36.1	34.6	37.0	21.3	30.9
P/Zn	1.25	17.8	30.4	13.8	20.5	15.0	18.2	20.9	22.5	20.0	23.9	18.0	30.4	28.2	18.8	17.9
Ca %/K %	10.3	19.1	36.1	26.7	15.6	16.4	23.0	14.0	13.7	14.0	13.3	13.3	10.6	12.3	16.2	12.6
Ca %/Mg %	2.32	3.34	4.59	4.20	3.53	3.22	3.52	3.58	3.77	3.47	3.63	2.93	4.06	2.93	3.96	3.79



Grower: Shane Family Farms LLC
 Farm: Thompson Farm
 Field: Thompson West

Sample Date: 4/12/23
 Sample Depth: 7 in
 Field Area: 131.51 ac

Season: 2023

	Field Summary			40	41	42	43	44	45	46	47	48	49	50	51	52
	Min	Avg	Max													
pH	5.10	5.73	7.20	5.50	5.50	5.50	5.80	5.80	5.30	5.50	5.10	5.30	7.20	5.60	5.70	5.50
P-Bray 1 (ppm)	16.0	36.4	73.0	33.0	33.0	28.0	35.0	39.0	30.0	42.0	26.0	36.0	66.0	38.0	30.0	45.0
K (ppm)	109	170	385	182	153	134	172	174	174	228	197	180	385	178	164	157
pH Buffer	6.40	6.66	7.20	6.60	6.60	6.70	6.70	6.70	6.60	6.60	6.50	6.60	7.20	6.70	6.70	6.60
CEC (meq/100g)	11.3	14.9	22.1	14.0	13.1	11.6	12.0	12.3	12.8	13.3	14.0	13.0	13.8	12.7	12.5	13.7
OM (%)	3.20	4.06	6.00	3.40	3.40	3.50	3.90	3.60	3.60	3.40	4.00	3.70	5.10	3.40	3.50	3.70
Ca (ppm)	1,100	1,571	2,550	1,350	1,200	1,150	1,250	1,300	1,150	1,200	1,100	1,150	2,100	1,300	1,300	1,250
Mg (ppm)	175	287	535	235	225	230	210	210	215	225	240	235	275	255	240	270
S (ppm)	3.00	4.11	7.00	4.00	3.00	4.00	4.00	5.00	4.00	6.00	6.00	6.00	4.00	4.00	3.00	3.00
Zn (ppm)	1.30	2.94	52.6	1.60	1.60	1.80	1.80	2.30	1.60	1.90	1.30	1.50	52.60	6.60	2.10	2.20
Mn (ppm)	32.0	41.0	57.0	40.0	37.0	44.0	44.0	53.0	41.0	43.0	38.0	40.0	48.0	45.0	43.0	42.0
B (ppm)	0.20	0.38	1.10	0.40	0.20	0.20	0.30	0.30	0.20	0.30	0.20	0.20	1.10	0.40	0.40	0.20
Cu (ppm)	0.90	1.20	3.30	1.00	1.00	1.00	1.00	1.30	1.00	1.00	0.90	1.00	3.30	1.30	1.00	1.10
Fe (ppm)	13.0	23.0	39.0	25.0	22.0	19.0	16.0	38.0	23.0	20.0	22.0	21.0	17.0	23.0	27.0	24.0
K %	1.60	3.02	7.20	3.30	3.00	3.00	3.70	3.60	3.50	4.40	3.60	3.60	7.20	3.60	3.40	2.90
Ca %	38.7	52.7	77.3	48.3	45.9	49.5	51.9	52.9	45.0	45.3	39.3	44.3	76.2	51.3	51.9	45.6
Mg %	11.4	16.0	22.2	14.0	14.3	16.5	14.5	14.2	14.0	14.1	14.3	15.1	16.6	16.8	16.0	16.4
H %	0.00	28.3	42.8	34.3	36.7	31.0	29.9	29.3	37.5	36.2	42.8	37.0	0.0	28.4	28.8	35.0
P/Zn	1.25	17.8	30.4	20.6	20.6	15.6	19.4	17.0	18.8	22.1	20.0	24.0	1.3	5.8	14.3	20.5
Ca %/K %	10.3	19.1	36.1	14.6	15.3	16.5	14.0	14.7	12.9	10.3	10.9	12.3	10.6	14.2	15.3	15.7
Ca %/Mg %	2.32	3.34	4.59	3.45	3.21	3.00	3.58	3.73	3.21	3.21	2.75	2.93	4.59	3.05	3.24	2.78



Grower: Shane Family Farms LLC
 Farm: Thompson Farm
 Field: Thompson West

Sample Date: 4/12/23
 Sample Depth: 7 in
 Field Area: 131.51 ac

Season: 2023

	Field Summary			53	54	55	56
	Min	Avg	Max				
pH	5.10	5.73	7.20	6.10	5.80	5.60	5.10
P-Bray 1 (ppm)	16.0	36.4	73.0	20.0	24.0	21.0	50.0
K (ppm)	109	170	385	151	162	151	232
pH Buffer	6.40	6.66	7.20	6.80	6.70	6.60	6.40
CEC (meq/100g)	11.3	14.9	22.1	12.2	13.3	14.9	17.5
OM (%)	3.20	4.06	6.00	4.00	3.80	4.10	4.60
Ca (ppm)	1,100	1,571	2,550	1,400	1,350	1,400	1,350
Mg (ppm)	175	287	535	285	305	320	350
S (ppm)	3.00	4.11	7.00	4.00	4.00	4.00	5.00
Zn (ppm)	1.30	2.94	52.6	2.00	1.70	1.70	2.30
Mn (ppm)	32.0	41.0	57.0	46.0	43.0	39.0	34.0
B (ppm)	0.20	0.38	1.10	0.30	0.40	0.30	0.30
Cu (ppm)	0.90	1.20	3.30	1.00	1.00	1.10	1.20
Fe (ppm)	13.0	23.0	39.0	20.0	16.0	20.0	35.0
K %	1.60	3.02	7.20	3.20	3.10	2.60	3.40
Ca %	38.7	52.7	77.3	57.6	50.7	47.1	38.7
Mg %	11.4	16.0	22.2	19.5	19.1	18.0	16.7
H %	0.00	28.3	42.8	19.7	27.1	32.3	41.2
P/Zn	1.25	17.8	30.4	10.0	14.1	12.4	21.7
Ca %/K %	10.3	19.1	36.1	18.0	16.4	18.1	11.4
Ca %/Mg %	2.32	3.34	4.59	2.95	2.65	2.62	2.32