Field Overview

Grower: Steve Kochert
Farm: Bob Jones
Field: East
Season: 2020
Area: 75.53 acre
Last sampled: 10/14/2019



31 samples taken

○ Sample Sequence Number

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Soil Test Results

Grower: Steve Kochert
Farm: Bob Jones
Field: East
Season: 2020
Area: 75.53 acre
Last sampled: 10/14/2019

Min:			5.2	6.7	5.4	0.9	22	153	1222	219	51	36	2	11	4.4	2.4	1.7
Max:			7.4	7	14.9	2.1	381	471	4647	699	100	82	7.7	28	42.1	6.1	11.9
Avg:			6.45	6.96	8.36	1.59	114.1	274.81	2365.81	391.23	93.68	69.71	4.41	19.65	13.79	3.71	4.88
SEQ	**ID**	**Depth**	**pH (1:1)**	**B-pH (Sik1)**	**CEC (AA)**	**OM (WB)**	**P (B1 1:7)**	**K (AA)**	**Ca (AA)**	**Mg (AA)**	**BS**	**BS-Ca**	**BS-K**	**BS-Mg**	**Zn (HCL)**	**Ca:Mg**	**Mg:K**
1	**1743966**	**0 - 8**	6.3	7	6.3	1.5	36	274	1682	423	100	67	5.6	28	5	2.4	5
2	**1743967**	**0 - 8**	6.8	7	6.8	1.8	22	263	2034	336	100	75	4.9	21	6.8	3.6	4.1
3	**1743968**	**0 - 8**	6.3	7	6.6	1.6	31	185	2104	265	100	80	3.6	17	9.4	4.8	4.7
4	**1743969**	**0 - 8**	6.4	7	6.2	2	50	229	2007	219	100	81	4.7	15	5.2	5.5	3.1
5	**1743970**	**0 - 8**	7.3	7	10.6	1.7	103	368	3135	559	100	74	4.4	22	9.7	3.4	4.9
6	**1743971**	**0 - 8**	5.9	6.8	7.8	1.8	62	248	1806	233	75	58	4.1	12	7.7	4.7	3.1
7	**1743972**	**0 - 8**	6.2	7	6.4	1.8	111	236	1924	315	100	75	4.7	20	16.9	3.7	4.3
8	**1743973**	**0 - 8**	6.2	7	6.1	1.6	92	202	1808	305	100	75	4.3	21	28.6	3.6	4.9
9	**1743974**	**0 - 8**	6.1	7	5.4	1.3	135	237	1451	351	100	67	5.6	27	20.8	2.5	4.8
10	**1743975**	**0 - 8**	7	7	9.5	1.9	125	349	2864	446	100	76	4.7	20	14.4	3.8	4.2
11	**1743976**	**0 - 8**	7.3	7	11.6	1.6	124	248	3695	494	100	80	2.7	18	14.3	4.5	6.5
12	**1743977**	**0 - 8**	7.3	7	12.1	1.9	107	190	3588	697	100	74	2	24	12	3.1	11.9
13	**1743978**	**0 - 8**	5.5	6.9	6.5	1.1	188	284	1355	251	74	52	5.6	16	19.9	3.2	2.9
14	**1743979**	**0 - 8**	6.3	7	5.5	1.1	110	232	1493	363	100	67	5.4	27	12.8	2.5	5.1
15	**1743980**	**0 - 8**	6.4	7	6.8	1.9	50	306	1955	357	100	72	5.8	22	9.1	3.3	3.8
16	**1743981**	**0 - 8**	6	6.9	7.7	1.6	64	282	1957	265	83	64	4.7	14	10.4	4.4	3.1
17	**1743982**	**0 - 8**	6.7	7	8.4	1.6	42	183	2426	505	100	72	2.8	25	5.6	2.9	8.9
18	**1743983**	**0 - 8**	6.1	7	5.4	0.9	69	153	1562	318	100	72	3.6	24	4.4	2.9	6.8
19	**1743984**	**0 - 8**	7.4	7	12.5	1.9	381	471	4078	403	100	82	4.8	13	36.2	6.1	2.8
20	**1743985**	**0 - 8**	5.9	6.9	7.5	1.4	269	447	1960	232	86	66	7.7	13	42.1	5.1	1.7
21	**1743986**	**0 - 8**	5.2	6.7	8.4	1.1	152	273	1222	219	51	36	4.2	11	16.1	3.3	2.6
22	**1743987**	**0 - 8**	6.9	7	9.4	1.5	127	295	2902	425	100	77	4	19	12.2	4.1	4.7
23	**1743988**	**0 - 8**	5.9	6.9	6.8	1.5	129	282	1582	313	82	58	5.3	19	16.6	3	3.6
24	**1743989**	**0 - 8**	5.6	6.9	6.4	1.1	74	260	1347	307	77	52	5.2	20	9.1	2.6	3.8

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Soil Test Results

Grower: Steve Kochert
Farm: Bob Jones
Field: East
Season: 2020
Area: 75.53 acre
Last sampled: 10/14/2019

Min:			5.2	6.7	5.4	0.9	22	153	1222	219	51	36	2	11	4.4	2.4	1.7
Max:			7.4	7	14.9	2.1	381	471	4647	699	100	82	7.7	28	42.1	6.1	11.9
Avg:			6.45	6.96	8.36	1.59	114.1	274.81	2365.81	391.23	93.68	69.71	4.41	19.65	13.79	3.71	4.88
SEQ	**ID**	**Depth**	**pH (1:1)**	**B-pH (Sik1)**	**CEC (AA)**	**OM (WB)**	**P (B1 1:7)**	**K (AA)**	**Ca (AA)**	**Mg (AA)**	**BS**	**BS-Ca**	**BS-K**	**BS-Mg**	**Zn (HCL)**	**Ca:Mg**	**Mg:K**
25	**1743990**	**0 - 8**	5.7	6.8	7.6	1.5	127	287	1645	308	76	54	4.8	17	9.2	3.2	3.5
26	**1743991**	**0 - 8**	7.1	7	13	2	60	288	3912	688	100	75	2.8	22	10.3	3.4	7.8
27	**1743992**	**0 - 8**	7.1	7	10.9	1.7	45	250	3132	658	100	72	2.9	25	4.4	2.9	8.6
28	**1743993**	**0 - 8**	6.2	7	6.7	1.6	41	263	1864	407	100	70	5	25	8.6	2.7	5
29	**1743994**	**0 - 8**	7.1	7	11.9	2.1	170	382	3734	493	100	79	4.1	17	27.5	4.5	4.2
30	**1743995**	**0 - 8**	7.3	7	14.9	1.9	237	317	4647	699	100	78	2.7	20	10.8	4	7.2
31	**1743996**	**0 - 8**	6.6	7	7.6	1.3	204	235	2469	274	100	81	4	15	11.5	5.4	3.8

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Soil pH

Grower: Steve Kochert
Farm: Bob Jones
Field: East
Season: 2020
Area: 75.53 acre
Last sampled: 10/14/2019



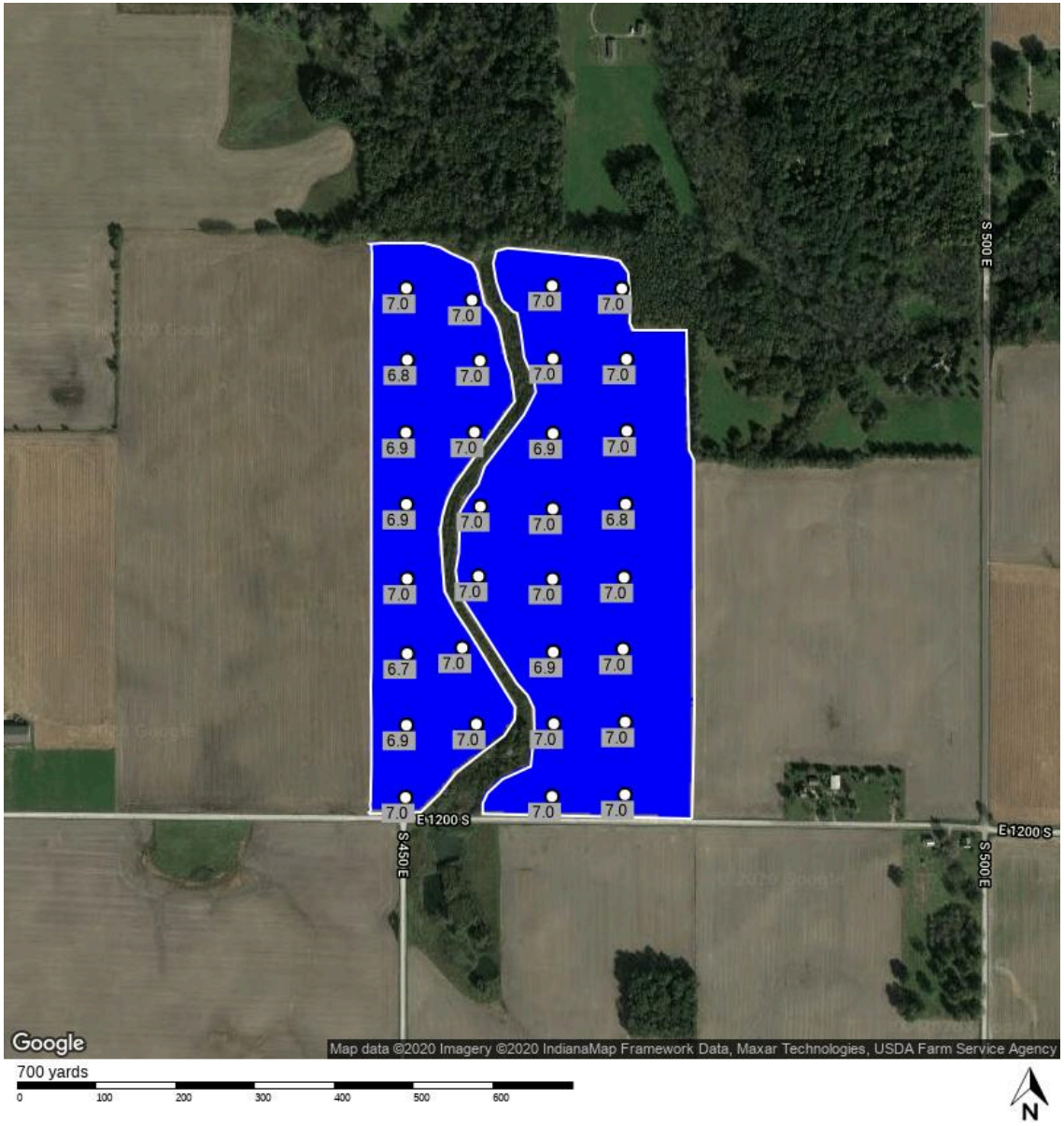
Min:	5.26
Max:	7.39
Average:	6.43
Std. Dev:	0.45
CV:	7.05%

Key	Area	% Area
-1.7976931e+308 - 5.7	3.87 acre	5.13 %
5.7 - 6.0	8.12 acre	10.75 %
6.0 - 6.5	34.49 acre	45.66 %
6.5 - 7.0	18.69 acre	24.75 %
7.0 - 1.7976931e+308	11.34 acre	15.01 %

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Soil Buffer pH

Grower: Steve Kochert
Farm: Bob Jones
Field: East
Season: 2020
Area: 75.53 acre
Last sampled: 10/14/2019



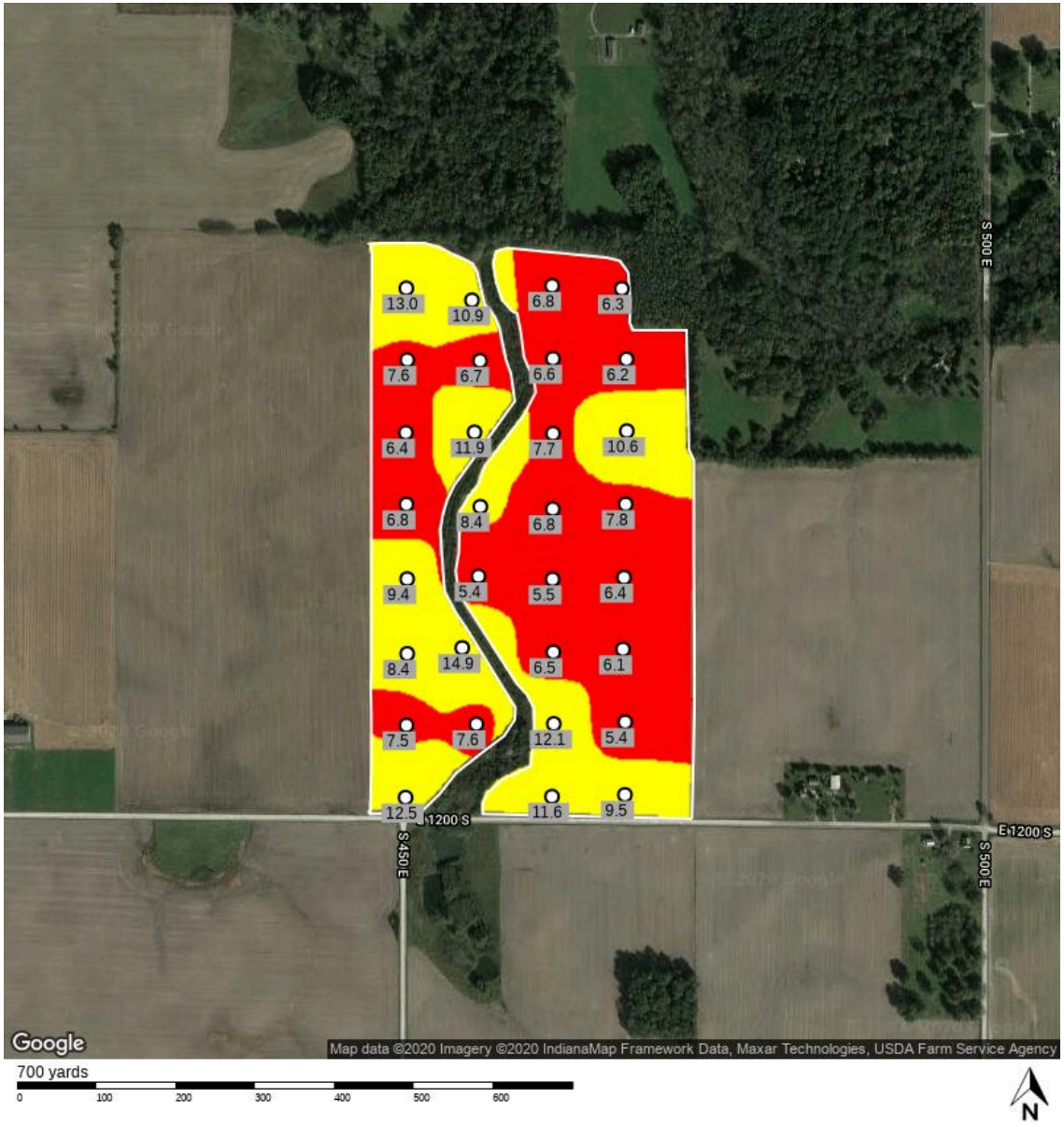
Min:	6.71
Max:	7
Average:	6.96
Std. Dev:	0.06
CV:	0.85%

Key	Area	% Area
-1.7976931e+308 - 5.7	0 acre	0 %
5.7 - 6.0	0 acre	0 %
6.0 - 6.5	0 acre	0 %
6.5 - 7.0	76.51 acre	101.29 %
7.0 - 1.7976931e+308	0 acre	0 %

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Soil CEC

Grower: Steve Kochert
Farm: Bob Jones
Field: East
Season: 2020
Area: 75.53 acre
Last sampled: 10/14/2019



Min:	5.49
Max:	14.62
Average:	8.2
Std. Dev:	1.96
CV:	23.95%

Key	Area	% Area
-1.7976931e+308 - 8.0	43.6 acre	57.72 %
8.0 - 15.0	32.91 acre	43.57 %
15.0 - 20.0	0 acre	0 %
20.0 - 25.0	0 acre	0 %
25.0 - 1.7976931e+308	0 acre	0 %

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Soil OM

Grower: Steve Kochert
Farm: Bob Jones
Field: East
Season: 2020
Area: 75.53 acre
Last sampled: 10/14/2019



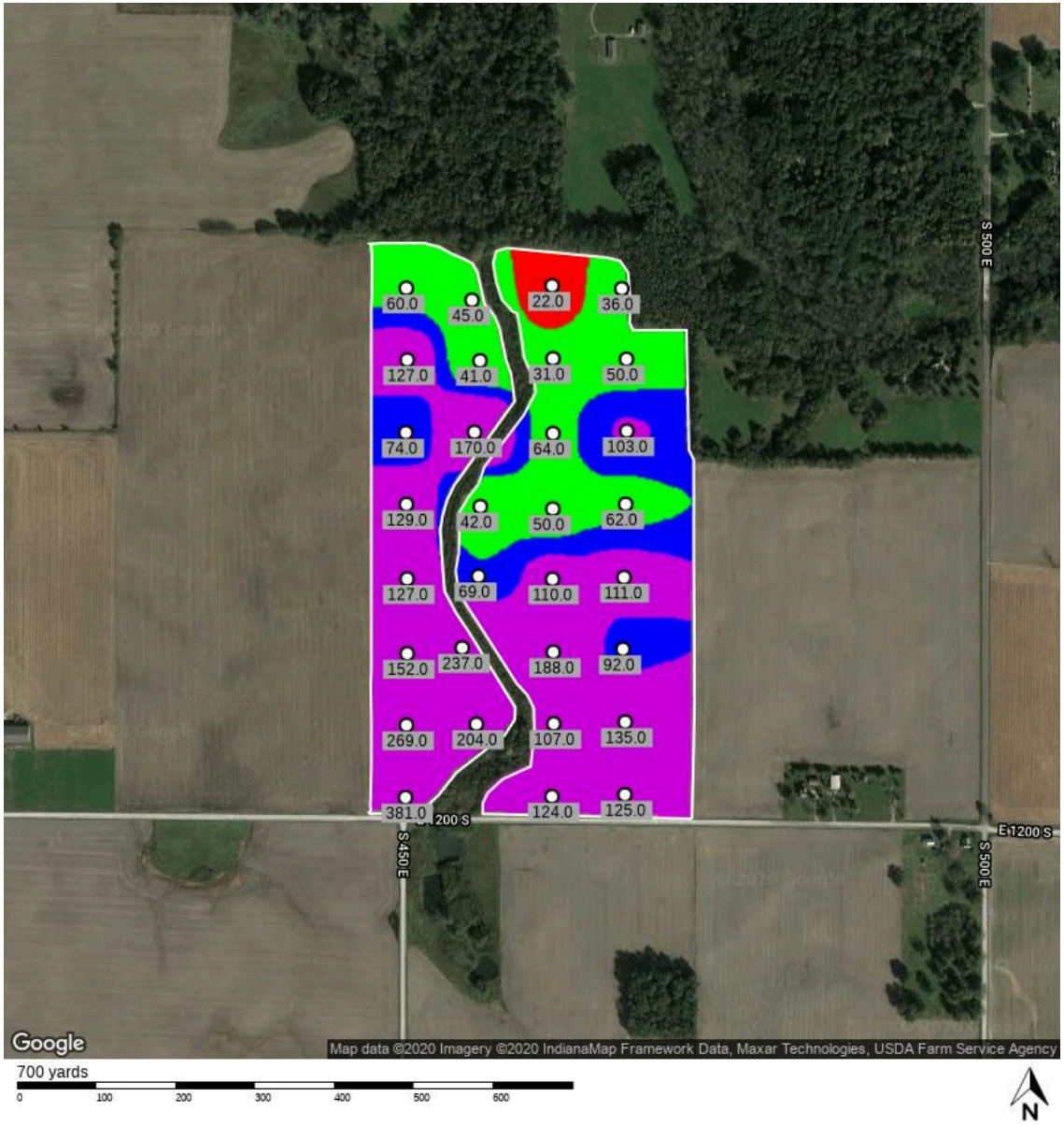
Min:	0.92
Max:	2.08
Average:	1.6
Std. Dev:	0.24
CV:	14.80%

Key	Area	% Area
-1.7976931e+308 - 2.0	75.95 acre	100.56 %
2.0 - 3.0	0.56 acre	0.74 %
3.0 - 5.0	0 acre	0 %
5.0 - 15.0	0 acre	0 %
15.0 - 1.7976931e+308	0 acre	0 %

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Soil P Bray 1

Grower: Steve Kochert
Farm: Bob Jones
Field: East
Season: 2020
Area: 75.53 acre
Last sampled: 10/14/2019



Min:	22.3
Max:	380.04
Average:	111.67
Std. Dev:	65.63
CV:	58.77%

Key	Area	% Area
-1.7976931e+308 - 30.0	2.32 acre	3.08 %
30.0 - 70.0	20.24 acre	26.79 %
70.0 - 100.0	13.48 acre	17.85 %
100.0 - 1.7976931e+308	40.46 acre	53.57 %

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Soil K

Grower: Steve Kochert
Farm: Bob Jones
Field: East
Season: 2020
Area: 75.53 acre
Last sampled: 10/14/2019



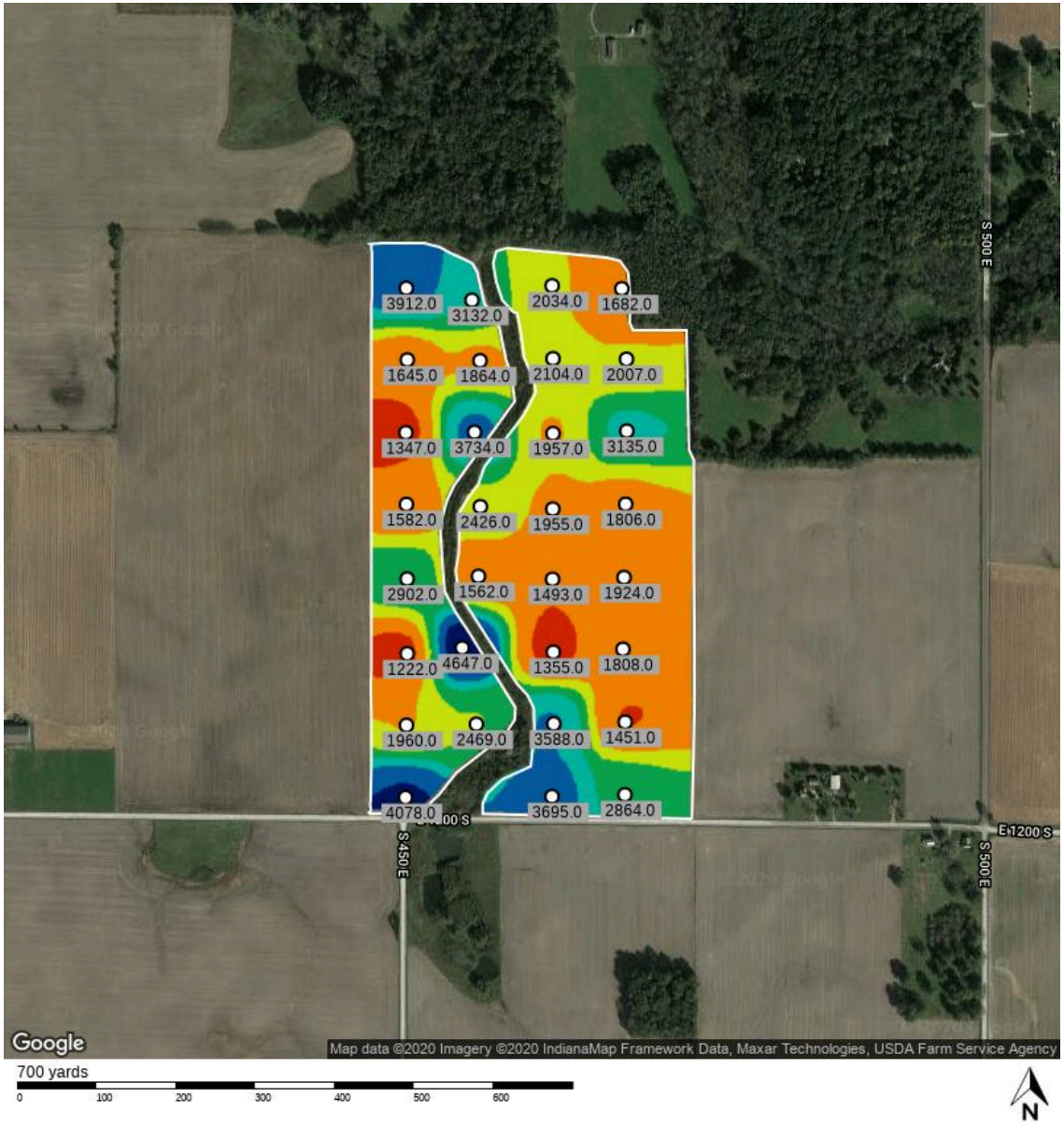
Min:	156.27
Max:	470.6
Average:	273.01
Std. Dev:	55.74
CV:	20.42%

Key	Area	% Area
-1.7976931e+308 - 200.0	4.04 acre	5.35 %
200.0 - 300.0	57.76 acre	76.47 %
300.0 - 400.0	11.29 acre	14.95 %
400.0 - 1.7976931e+308	3.41 acre	4.51 %

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Soil Ca

Grower: Steve Kochert
Farm: Bob Jones
Field: East
Season: 2020
Area: 75.53 acre
Last sampled: 10/14/2019



Min:	1311.64
Max:	4526.95
Average:	2311.52
Std. Dev:	687.79
CV:	29.75%

Key	Area	% Area
-1.7976931e+308 - 1000.0	0 acre	0 %
1000.0 - 1500.0	3.33 acre	4.41 %
1500.0 - 2000.0	29.84 acre	39.5 %
2000.0 - 2500.0	18.58 acre	24.6 %
2500.0 - 3000.0	11.61 acre	15.37 %
3000.0 - 3500.0	5.79 acre	7.66 %
3500.0 - 4000.0	6.1 acre	8.08 %
4000.0 - 1.7976931e+308	1.26 acre	1.67 %

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Soil Mg

Grower: Steve Kochert
Farm: Bob Jones
Field: East
Season: 2020
Area: 75.53 acre
Last sampled: 10/14/2019



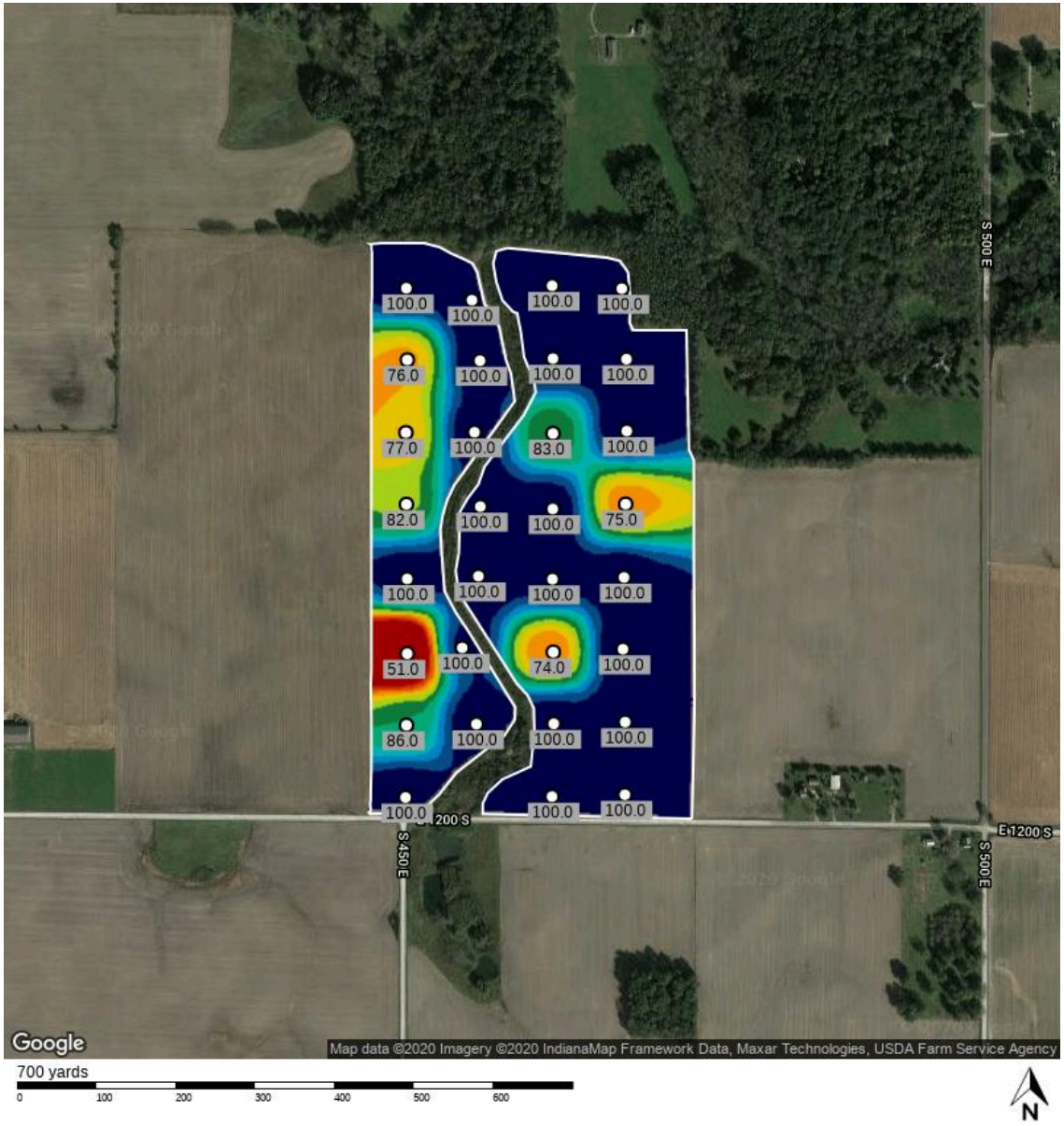
Min:	223.55
Max:	687.32
Average:	382.6
Std. Dev:	108.75
CV:	28.42%

Key	Area	% Area
-1.7976931e+308 - 150.0	0 acre	0 %
150.0 - 200.0	0 acre	0 %
200.0 - 1.7976931e+308	76.51 acre	101.29 %

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Soil BS

Grower: Steve Kochert
Farm: Bob Jones
Field: East
Season: 2020
Area: 75.53 acre
Last sampled: 10/14/2019



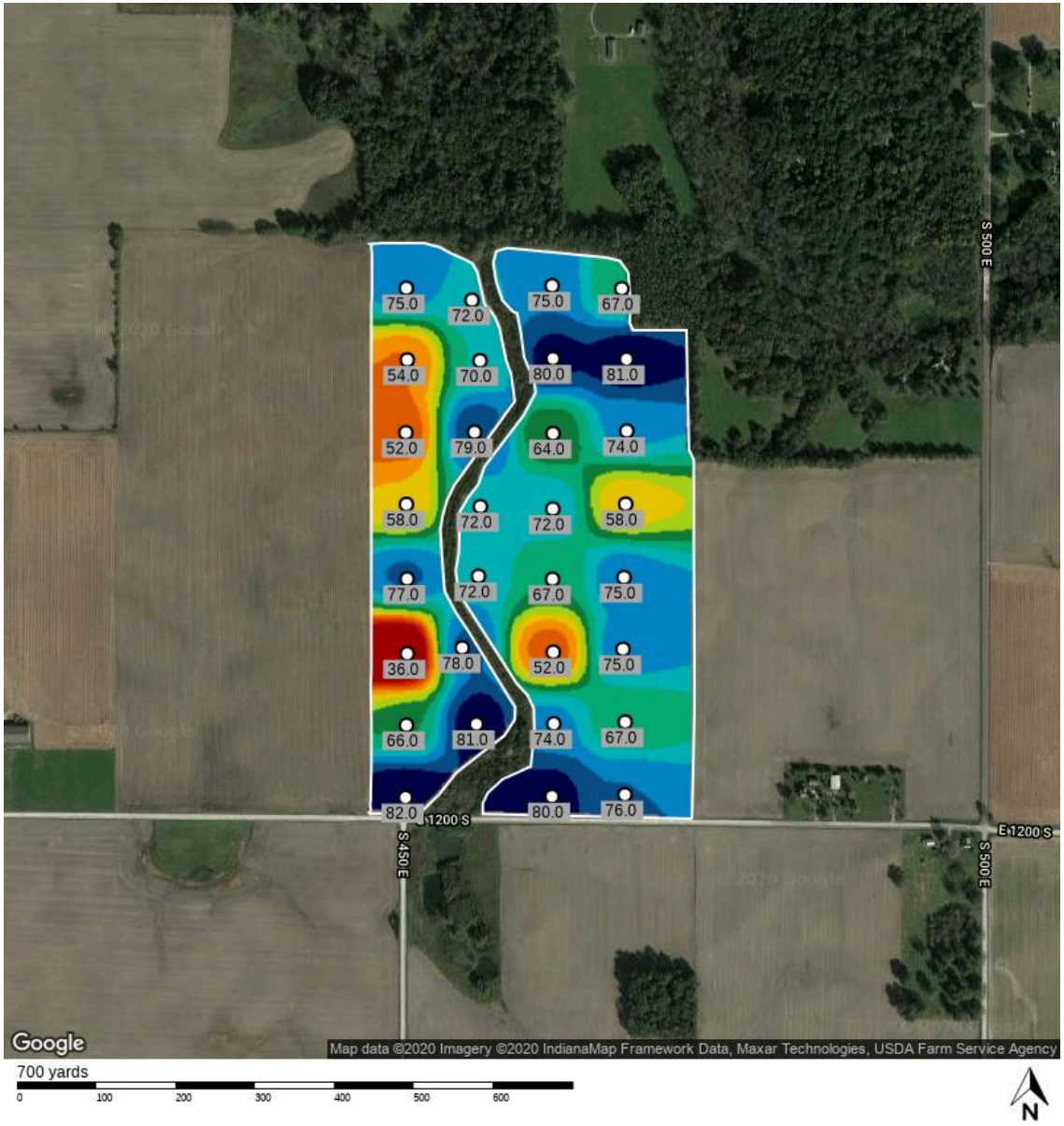
Min:	52.68
Max:	100
Average:	93.55
Std. Dev:	9.21
CV:	9.84%

Key	Area	% Area
-1.7976931e+308 - 68.76923	1.7 acre	2.24 %
68.76923 - 71.608365	0.19 acre	0.25 %
71.608365 - 74.447501	0.2 acre	0.26 %
74.447501 - 77.286636	2.48 acre	3.29 %
77.286636 - 80.125772	4.11 acre	5.44 %
80.125772 - 82.964907	3.2 acre	4.23 %
82.964907 - 85.804042	3.59 acre	4.76 %
85.804042 - 88.643178	3.64 acre	4.82 %
88.643178 - 91.482313	3.27 acre	4.33 %
91.482313 - 94.321448	3.55 acre	4.7 %
94.321448 - 97.160584	5.59 acre	7.41 %
97.160584 - 1.7976931e+308	44.99 acre	59.56 %

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Soil BS Ca

Grower: Steve Kochert
Farm: Bob Jones
Field: East
Season: 2020
Area: 75.53 acre
Last sampled: 10/14/2019



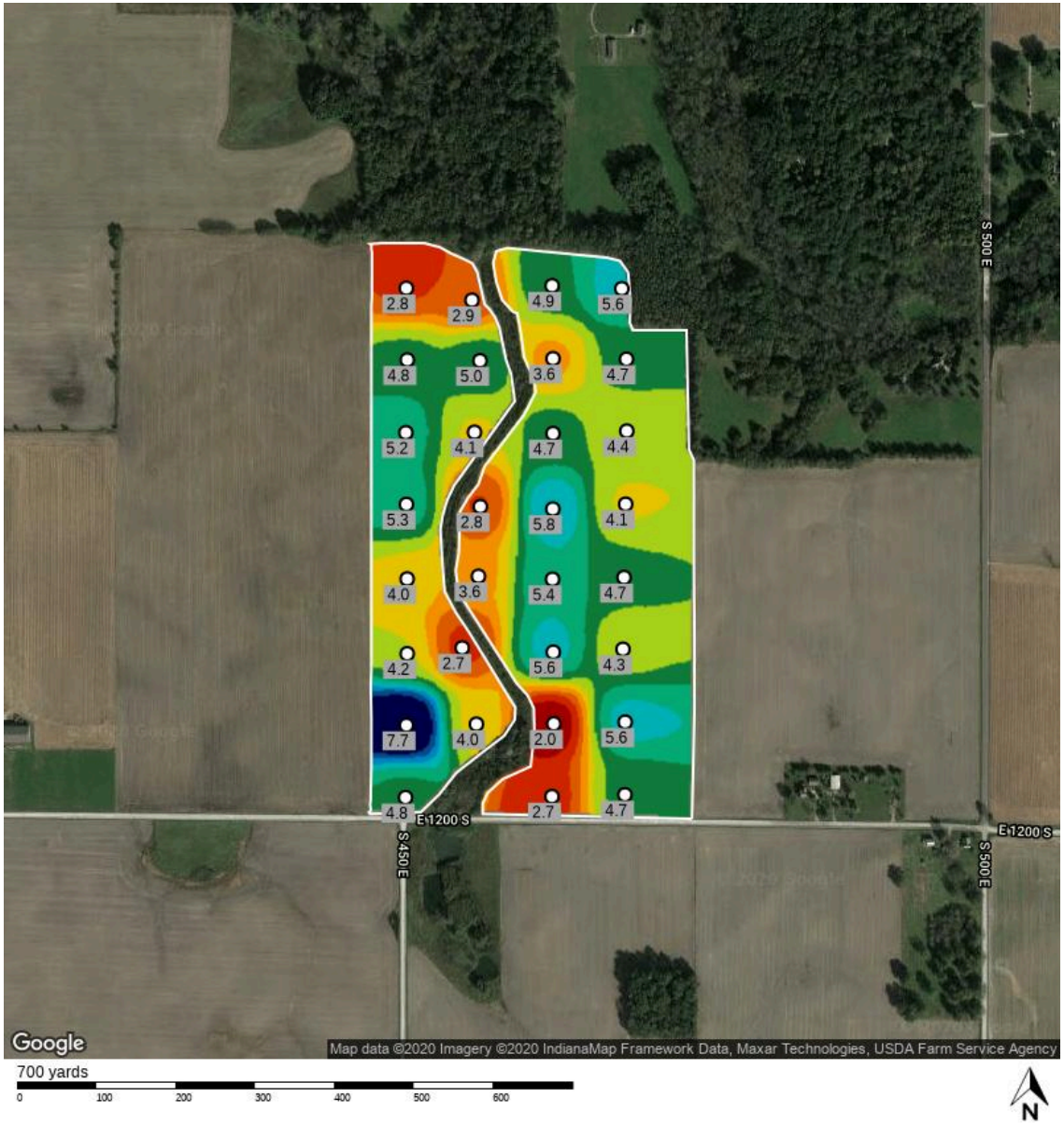
Min:	37.43
Max:	81.89
Average:	69.6
Std. Dev:	7.99
CV:	11.49%

Key	Area	% Area
-1.7976931e+308 - 48.638321	1.49 acre	1.97 %
48.638321 - 51.660917	0.24 acre	0.32 %
51.660917 - 54.683512	3.11 acre	4.12 %
54.683512 - 57.706107	2.51 acre	3.32 %
57.706107 - 60.728703	4.18 acre	5.54 %
60.728703 - 63.751298	3.28 acre	4.34 %
63.751298 - 66.773893	5.23 acre	6.92 %
66.773893 - 69.796489	10.6 acre	14.04 %
69.796489 - 72.819084	14.66 acre	19.41 %
72.819084 - 75.841679	17.4 acre	23.04 %
75.841679 - 78.864274	6.81 acre	9.02 %
78.864274 - 1.7976931e+308	6.99 acre	9.25 %

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Soil BS K

Grower: Steve Kochert
Farm: Bob Jones
Field: East
Season: 2020
Area: 75.53 acre
Last sampled: 10/14/2019



Min:	2.07
Max:	7.62
Average:	4.46
Std. Dev:	0.87
CV:	19.63%

Key	Area	% Area
-1.7976931e+308 - 2.4886822	0.92 acre	1.22 %
2.4886822 - 2.9061907	4.26 acre	5.64 %
2.9061907 - 3.3236993	4.23 acre	5.59 %
3.3236993 - 3.7412079	4.56 acre	6.04 %
3.7412079 - 4.1587165	8.78 acre	11.62 %
4.1587165 - 4.576225	16.74 acre	22.16 %
4.576225 - 4.9937336	19.44 acre	25.74 %
4.9937336 - 5.4112422	11.04 acre	14.61 %
5.4112422 - 5.8287508	4.21 acre	5.57 %
5.8287508 - 6.2462594	0.38 acre	0.51 %
6.2462594 - 6.6637679	0.38 acre	0.51 %
6.6637679 - 1.7976931e+308	1.57 acre	2.08 %

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Soil BS Mg

Grower: Steve Kochert
Farm: Bob Jones
Field: East
Season: 2020
Area: 75.53 acre
Last sampled: 10/14/2019



Min:	11.27
Max:	27.83
Average:	19.56
Std. Dev:	3.7
CV:	18.90%

Key	Area	% Area
-1.7976931e+308 - 12.646462	1.96 acre	2.6 %
12.646462 - 14.026652	5.78 acre	7.66 %
14.026652 - 15.406842	4.13 acre	5.46 %
15.406842 - 16.787033	5.25 acre	6.96 %
16.787033 - 18.167223	8.75 acre	11.59 %
18.167223 - 19.547413	10.65 acre	14.11 %
19.547413 - 20.927604	12.26 acre	16.23 %
20.927604 - 22.307794	10.05 acre	13.3 %
22.307794 - 23.687984	5.36 acre	7.1 %
23.687984 - 25.068174	7.58 acre	10.04 %
25.068174 - 26.448365	3.17 acre	4.19 %
26.448365 - 1.7976931e+308	1.55 acre	2.06 %

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Soil Zn

Grower: Steve Kochert
Farm: Bob Jones
Field: East
Season: 2020
Area: 75.53 acre
Last sampled: 10/14/2019



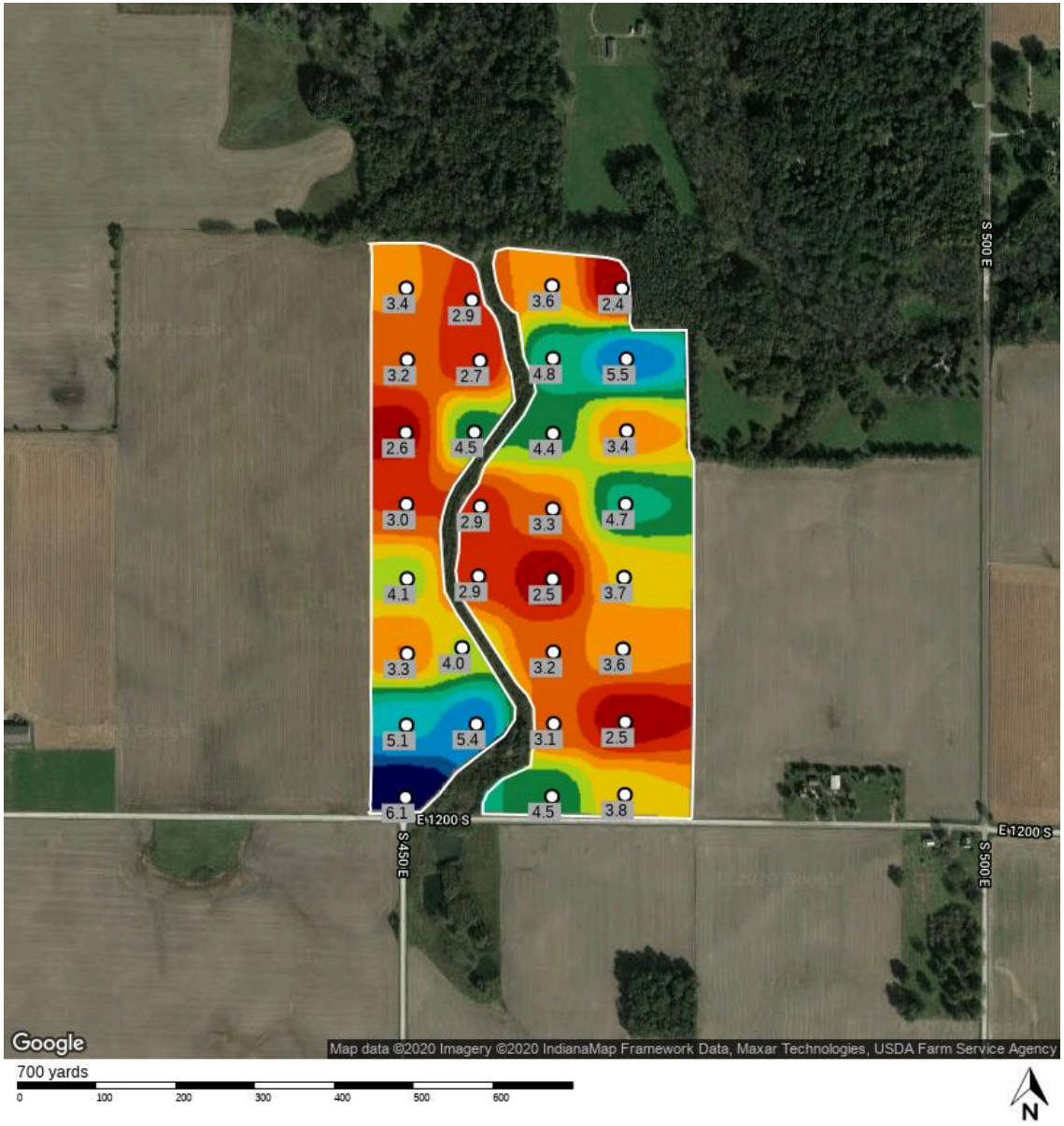
Min:	4.55
Max:	41.59
Average:	14
Std. Dev:	7.65
CV:	54.60%

Key	Area	% Area
-1.7976931e+308 - 2.9	0 acre	0 %
2.9 - 4.9	0.62 acre	0.82 %
4.9 - 1.7976931e+308	75.89 acre	100.48 %

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Soil Ca Mg

Grower: Steve Kochert
Farm: Bob Jones
Field: East
Season: 2020
Area: 75.53 acre
Last sampled: 10/14/2019



Min:	2.44
Max:	6.09
Average:	3.72
Std. Dev:	0.79
CV:	21.14%

Key	Area	% Area
-1.7976931e+308 - 2.7397336	4.9 acre	6.49 %
2.7397336 - 3.04282	11.26 acre	14.91 %
3.04282 - 3.3459064	12.69 acre	16.8 %
3.3459064 - 3.6489927	13.48 acre	17.85 %
3.6489927 - 3.9520791	9.83 acre	13.01 %
3.9520791 - 4.2551654	5.91 acre	7.83 %
4.2551654 - 4.5582518	6.91 acre	9.15 %
4.5582518 - 4.8613381	3.7 acre	4.9 %
4.8613381 - 5.1644245	2.75 acre	3.64 %
5.1644245 - 5.4675108	3.21 acre	4.25 %
5.4675108 - 5.7705972	0.46 acre	0.61 %
5.7705972 - 1.7976931e+308	1.41 acre	1.86 %

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Soil Mg K

Grower: Steve Kochert
Farm: Bob Jones
Field: East
Season: 2020
Area: 75.53 acre
Last sampled: 10/14/2019



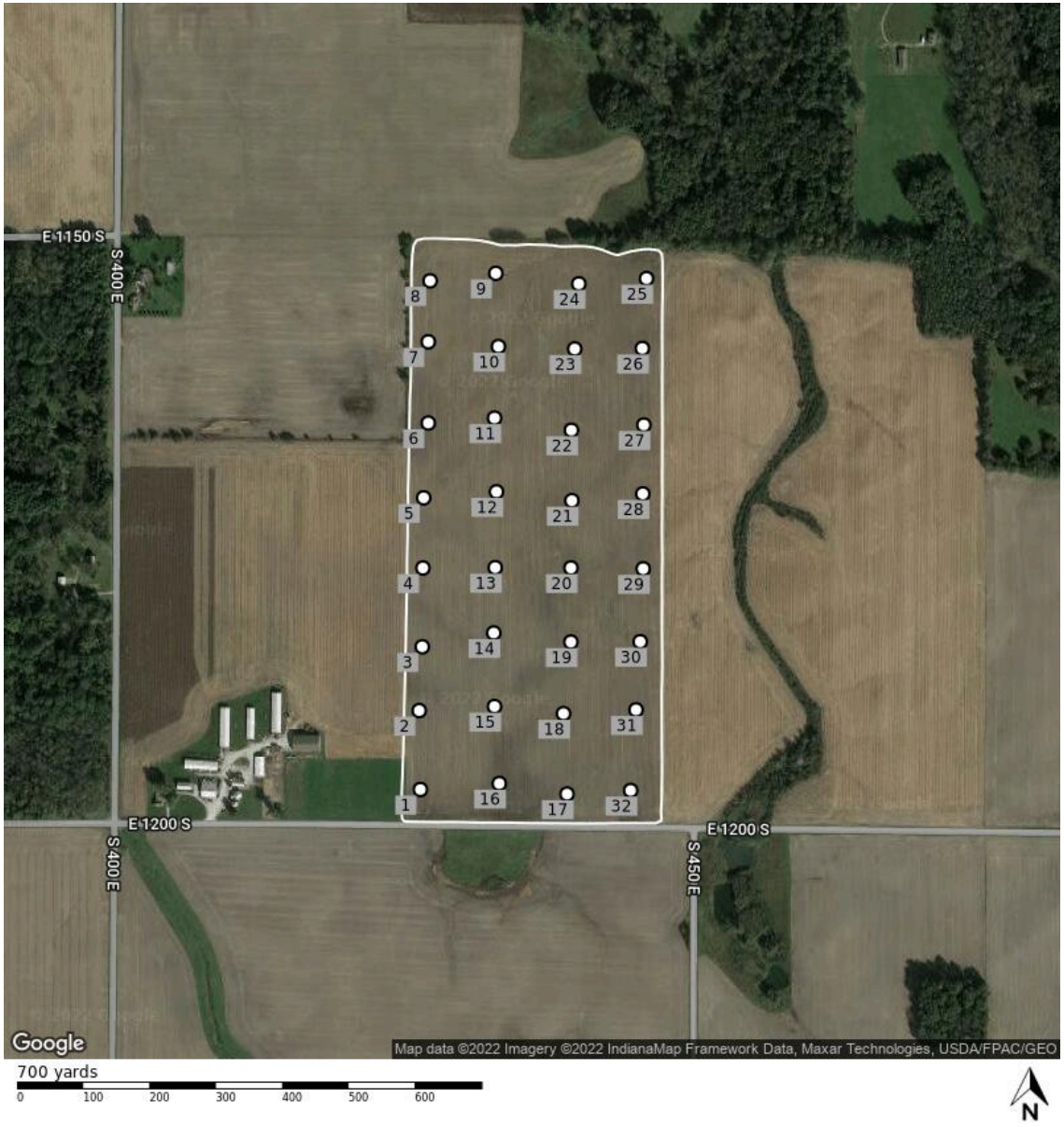
Min:	1.74
Max:	11.69
Average:	4.77
Std. Dev:	1.6
CV:	33.64%

Key	Area	% Area
-1.7976931e+308 - 2.3917998	2.1 acre	2.78 %
2.3917998 - 3.0452211	3.28 acre	4.35 %
3.0452211 - 3.6986423	11.54 acre	15.29 %
3.6986423 - 4.3520636	18.49 acre	24.48 %
4.3520636 - 5.0054848	20.71 acre	27.42 %
5.0054848 - 5.6589061	4.84 acre	6.4 %
5.6589061 - 6.3123273	2.82 acre	3.73 %
6.3123273 - 6.9657486	4.72 acre	6.25 %
6.9657486 - 7.6191698	1.88 acre	2.49 %
7.6191698 - 8.2725911	3.2 acre	4.24 %
8.2725911 - 8.9260123	1.46 acre	1.93 %
8.9260123 - 1.7976931e+308	1.45 acre	1.92 %

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Field Overview

Grower: Steve Kochert
Farm: Bob Jones
Field: West 71
Season: 2021
Area: 72 acre
Last sampled: 09/16/2020



32 samples taken

○ Sample Sequence Number

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Soil Test Results

Grower: Steve Kochert
Farm: Bob Jones
Field: West 71
Season: 2021
Area: 72 acre
Last sampled: 09/16/2020

Min:			6	6.8	5.8	1.2	38	254	1508	350	87	60	1.3	14	5.2	1.9	2.3
Max:			8	7	25.3	2.5	518	674	8578	924	100	85	10.5	33	74.7	6.2	10.2
Avg:			6.72	6.99	9.24	1.59	203.69	457.34	2495.75	552.16	99.25	66.59	6.94	25.81	23.05	2.7	4.15
SEQ	**ID**	**Depth**	**pH (1:1)**	**B-pH (Sik1)**	**CEC (AA)**	**OM (WB)**	**P (B1 1:7)**	**K (AA)**	**Ca (AA)**	**Mg (AA)**	**BS**	**BS-Ca**	**BS-K**	**BS-Mg**	**Zn (HCL)**	**Ca:Mg**	**Mg:K**
1	**2235075**	**0 - 8**	6.4	7	11.4	1.9	487	674	3024	610	96	66	7.6	22	31.1	3	2.9
2	**2235076**	**0 - 8**	6.7	7	9.2	1.8	344	491	2513	539	100	69	6.9	25	27.4	2.8	3.6
3	**2235077**	**0 - 8**	7	7	10.9	1.6	410	555	3030	621	100	70	6.5	24	31.9	2.9	3.6
4	**2235078**	**0 - 8**	6.9	7	8.6	1.5	308	609	2111	601	100	62	9.1	29	28.4	2.1	3.2
5	**2235079**	**0 - 8**	6	7	7.1	1.5	518	570	1739	494	100	61	10.2	29	24	2.1	2.8
6	**2235080**	**0 - 8**	6.3	7	8.6	2.1	251	521	2339	489	100	68	7.8	24	23.1	2.9	3
7	**2235081**	**0 - 8**	6.9	7	6.8	1.3	134	486	1776	409	100	66	9.2	25	19.4	2.6	2.7
8	**2235082**	**0 - 8**	6.2	7	5.8	1.2	232	435	1508	350	100	65	9.6	25	27.3	2.6	2.6
9	**2235083**	**0 - 8**	6.4	7	8.5	1.6	169	607	2220	526	100	65	9.1	26	27.2	2.5	2.8
10	**2235084**	**0 - 8**	6.8	7	9.8	1.9	222	522	2622	620	100	67	6.8	26	33.6	2.5	3.9
11	**2235085**	**0 - 8**	6.8	7	7.2	1.3	163	498	1817	482	100	63	8.9	28	33.1	2.3	3.1
12	**2235086**	**0 - 8**	6.6	7	8.6	1.7	117	402	2140	647	100	62	6	31	16.5	2	5.2
13	**2235087**	**0 - 8**	6.5	7	9.6	1.7	160	527	2321	749	100	60	7	33	20.1	1.9	4.6
14	**2235088**	**0 - 8**	6.8	7	6.8	1.6	208	384	1697	491	100	63	7.3	30	22.3	2.1	4.1
15	**2235089**	**0 - 8**	6.8	7	11.3	1.9	218	483	2867	835	100	64	5.5	31	23.5	2.1	5.6
16	**2235090**	**0 - 8**	6.4	6.8	15.5	2.5	390	580	3708	840	87	60	4.8	23	38.6	2.6	4.7
17	**2235091**	**0 - 8**	6.9	7	9.3	1.6	285	492	2527	573	100	68	6.8	26	33.2	2.6	3.8
18	**2235092**	**0 - 8**	6.5	7	6.3	1.5	138	379	1622	421	100	64	7.7	28	17	2.3	3.6
19	**2235093**	**0 - 8**	7	7	6.4	1.5	116	381	1631	446	100	63	7.6	29	15.4	2.2	3.8
20	**2235094**	**0 - 8**	6.8	6.9	15.5	2.3	179	566	3942	924	93	64	4.7	25	17.7	2.6	5.3
21	**2235095**	**0 - 8**	8	7	25.3	1.3	44	265	8578	834	100	85	1.3	14	7.5	6.2	10.2
22	**2235096**	**0 - 8**	6.8	7	10.6	1.3	38	254	2934	717	100	69	3.1	28	5.2	2.5	9.2
23	**2235097**	**0 - 8**	6.6	7	9	1.5	45	298	2337	667	100	65	4.2	31	7.3	2.1	7.3
24	**2235098**	**0 - 8**	6.8	7	6.9	1.2	85	318	1995	359	100	72	5.9	22	13.4	3.3	3.7

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Soil Test Results

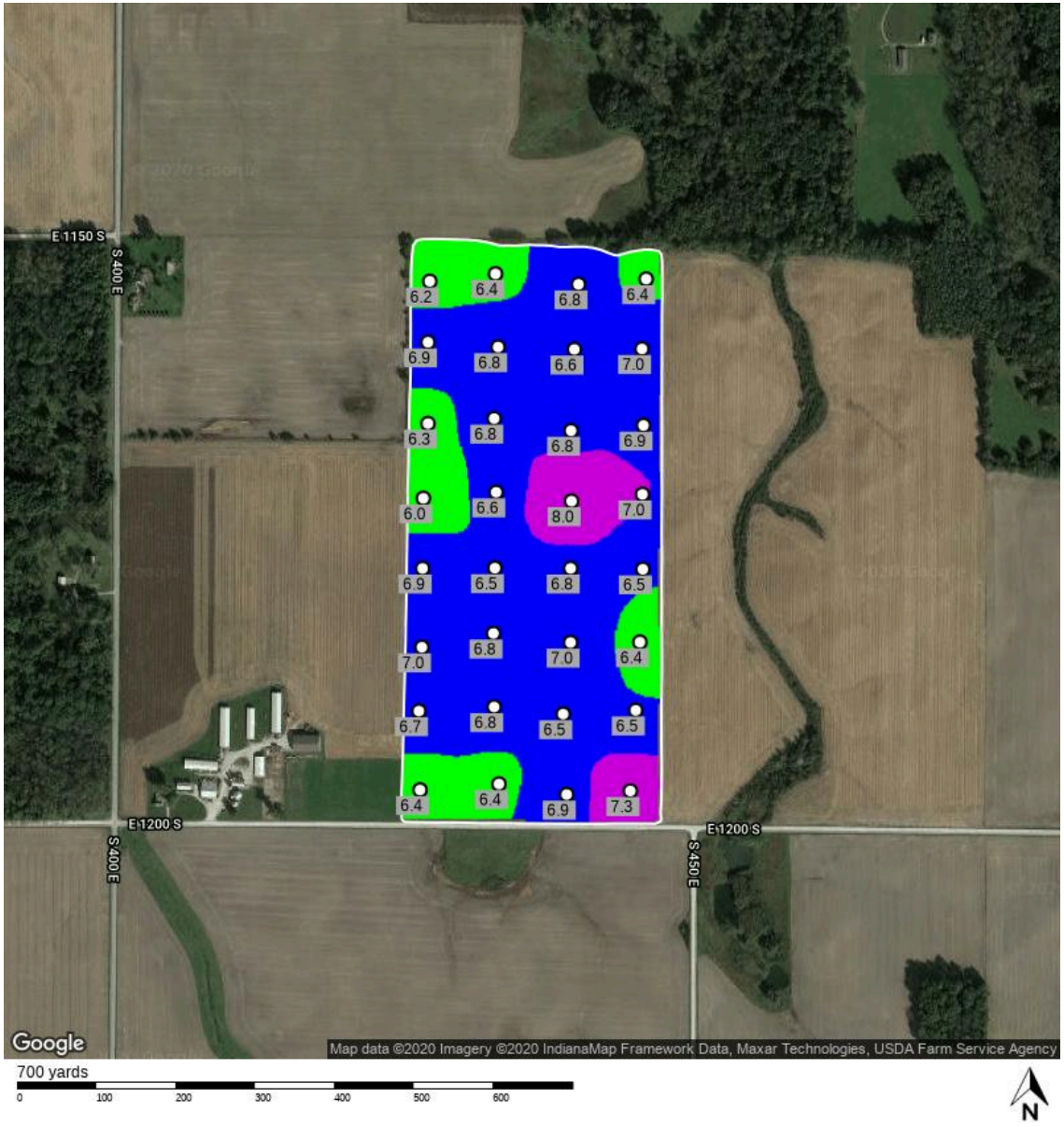
Grower: Steve Kochert
Farm: Bob Jones
Field: West 71
Season: 2021
Area: 72 acre
Last sampled: 09/16/2020

Min:			6	6.8	5.8	1.2	38	254	1508	350	87	60	1.3	14	5.2	1.9	2.3
Max:			8	7	25.3	2.5	518	674	8578	924	100	85	10.5	33	74.7	6.2	10.2
Avg:			6.72	6.99	9.24	1.59	203.69	457.34	2495.75	552.16	99.25	66.59	6.94	25.81	23.05	2.7	4.15
SEQ	**ID**	**Depth**	**pH (1:1)**	**B-pH (Sik1)**	**CEC (AA)**	**OM (WB)**	**P (B1 1:7)**	**K (AA)**	**Ca (AA)**	**Mg (AA)**	**BS**	**BS-Ca**	**BS-K**	**BS-Mg**	**Zn (HCL)**	**Ca:Mg**	**Mg:K**
25	**2235099**	**0 - 8**	6.4	7	8.4	1.4	58	347	2333	502	100	70	5.3	25	12.1	2.8	4.7
26	**2235100**	**0 - 8**	7	7	6.5	1.2	129	299	1869	353	100	72	5.9	23	15.9	3.2	3.8
27	**2235101**	**0 - 8**	6.9	7	6.6	1.2	76	358	1783	410	100	67	6.9	26	21.3	2.6	3.7
28	**2235102**	**0 - 8**	7	7	8	1.3	74	357	2185	506	100	68	5.7	26	13.7	2.6	4.6
29	**2235103**	**0 - 8**	6.5	7	7.2	1.3	167	474	1919	425	100	67	8.5	25	19	2.7	2.9
30	**2235104**	**0 - 8**	6.4	7	6.3	1.6	122	513	1637	368	100	65	10.5	24	16.8	2.7	2.3
31	**2235105**	**0 - 8**	6.5	7	5.9	1.4	163	441	1536	356	100	65	9.6	25	19.8	2.6	2.6
32	**2235106**	**0 - 8**	7.3	7	11.8	2.1	468	549	3604	505	100	76	6	18	74.7	4.3	3

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Soil pH

Grower: Steve Kochert
Farm: Bob Jones
Field: West 71
Season: 2021
Area: 72 acre
Last sampled: 09/16/2020



Min:	6.01
Max:	7.96
Average:	6.73
Std. Dev:	0.29
CV:	4.24%

Key	Area	% Area
5.7 - 5.7	0 acre	0 %
5.7 - 6.0	0 acre	0 %
6.0 - 6.5	13.57 acre	18.84 %
6.5 - 7.0	49 acre	68.06 %
7.0 - 7.9588821	6.5 acre	9.03 %

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Soil Buffer pH

Grower: Steve Kochert
Farm: Bob Jones
Field: West 71
Season: 2021
Area: 72 acre
Last sampled: 09/16/2020



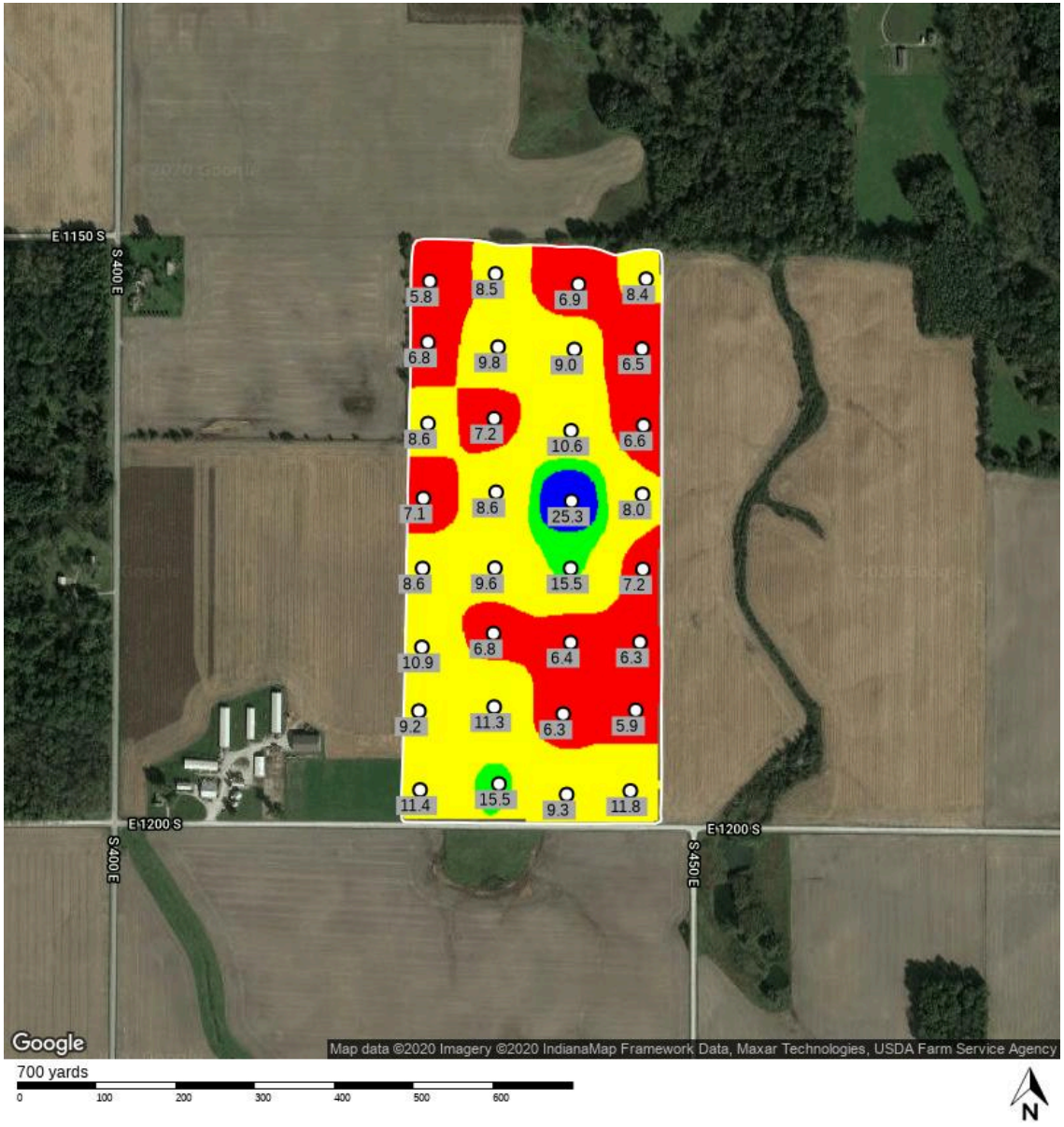
Min:	6.8
Max:	7
Average:	6.99
Std. Dev:	0.03
CV:	0.47%

Key	Area	% Area
5.7 - 5.7	0 acre	0 %
5.7 - 6.0	0 acre	0 %
6.0 - 6.5	0 acre	0 %
6.5 - 7.0	69.07 acre	95.93 %
7.0 - 7.0	0 acre	0 %

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Soil CEC

Grower: Steve Kochert
Farm: Bob Jones
Field: West 71
Season: 2021
Area: 72 acre
Last sampled: 09/16/2020



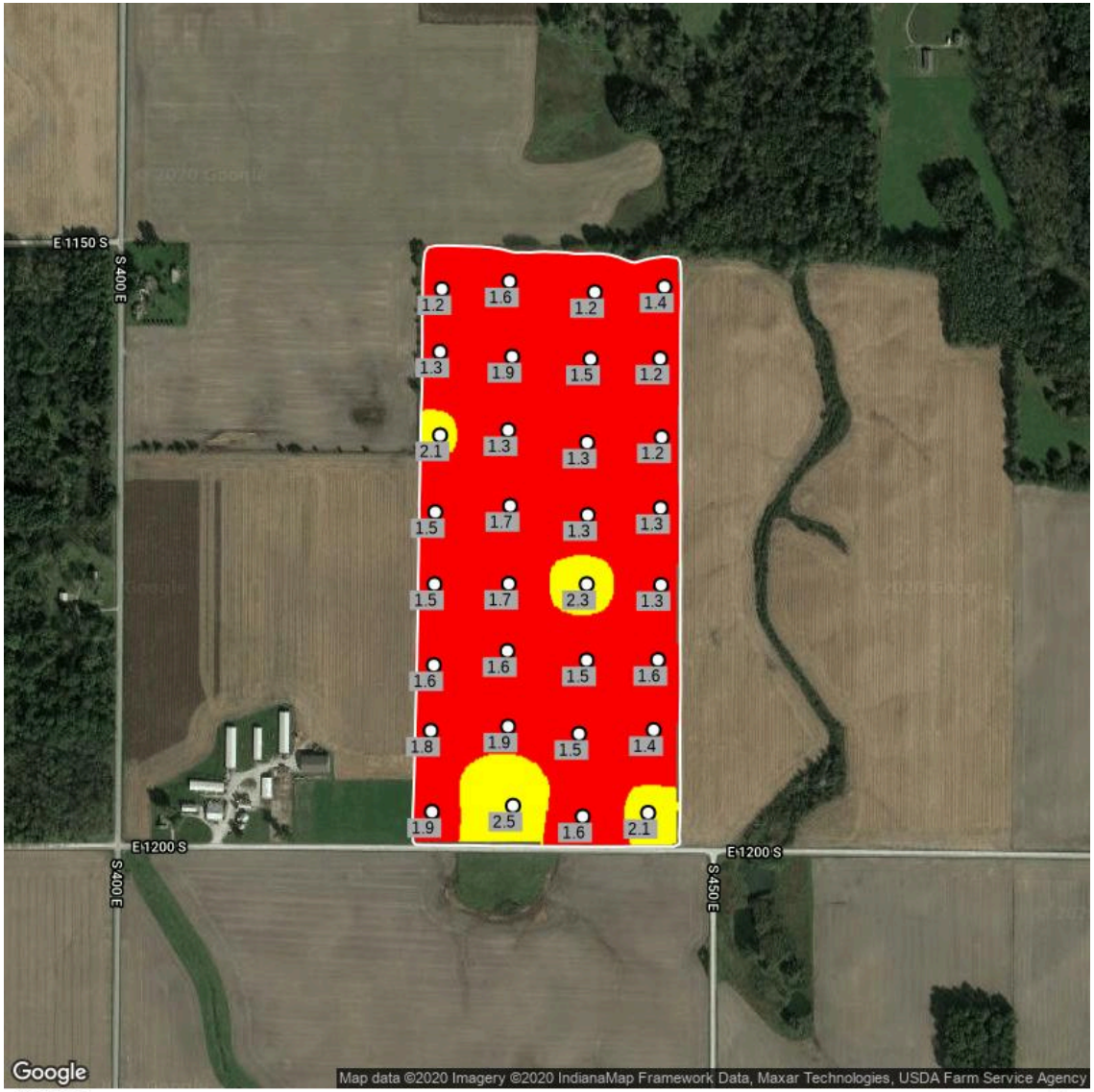
Min:	5.85
Max:	24.8
Average:	9.42
Std. Dev:	3.12
CV:	33.06%

Key	Area	% Area
5.8484671 - 8.0	24.92 acre	34.62 %
8.0 - 15.0	39.94 acre	55.48 %
15.0 - 20.0	2.78 acre	3.86 %
20.0 - 25.0	1.43 acre	1.99 %
25.0 - 25.0	0 acre	0 %

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Soil OM

Grower: Steve Kochert
Farm: Bob Jones
Field: West 71
Season: 2021
Area: 72 acre
Last sampled: 09/16/2020



Min:	1.2
Max:	2.48
Average:	1.6
Std. Dev:	0.28
CV:	17.17%

Key	Area	% Area
1.201923 - 2.0	62.39 acre	86.65 %
2.0 - 3.0	6.69 acre	9.29 %
3.0 - 5.0	0 acre	0 %
5.0 - 15.0	0 acre	0 %
15.0 - 15.0	0 acre	0 %

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Soil P Bray 1

Grower: Steve Kochert
Farm: Bob Jones
Field: West 71
Season: 2021
Area: 72 acre
Last sampled: 09/16/2020



Min:	39.23
Max:	511.54
Average:	198.55
Std. Dev:	116.05
CV:	58.45%

Key	Area	% Area
30.0 - 30.0	0 acre	0 %
30.0 - 70.0	7.21 acre	10.01 %
70.0 - 100.0	7.5 acre	10.41 %
100.0 - 511.54042	54.37 acre	75.51 %

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Soil K

Grower: Steve Kochert
Farm: Bob Jones
Field: West 71
Season: 2021
Area: 72 acre
Last sampled: 09/16/2020



Min:	256.61
Max:	672.69
Average:	454.44
Std. Dev:	94.55
CV:	20.80%

Key	Area	% Area
200.0 - 200.0	0 acre	0 %
200.0 - 300.0	3.74 acre	5.2 %
300.0 - 400.0	16.91 acre	23.48 %
400.0 - 672.68648	48.42 acre	67.26 %

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Soil Ca

Grower: Steve Kochert
Farm: Bob Jones
Field: West 71
Season: 2021
Area: 72 acre
Last sampled: 09/16/2020



Min:	1520.94
Max:	8381.22
Average:	2543.6
Std. Dev:	1024.23
CV:	40.27%

Key	Area	% Area
1000.0 - 1000.0	0 acre	0 %
1000.0 - 1500.0	0 acre	0 %
1500.0 - 2000.0	18.85 acre	26.18 %
2000.0 - 2500.0	24.96 acre	34.66 %
2500.0 - 3000.0	12.24 acre	17 %
3000.0 - 3500.0	5.59 acre	7.76 %
3500.0 - 4000.0	3.73 acre	5.18 %
4000.0 - 8381.2228	3.71 acre	5.15 %

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Soil Mg

Grower: Steve Kochert
Farm: Bob Jones
Field: West 71
Season: 2021
Area: 72 acre
Last sampled: 09/16/2020



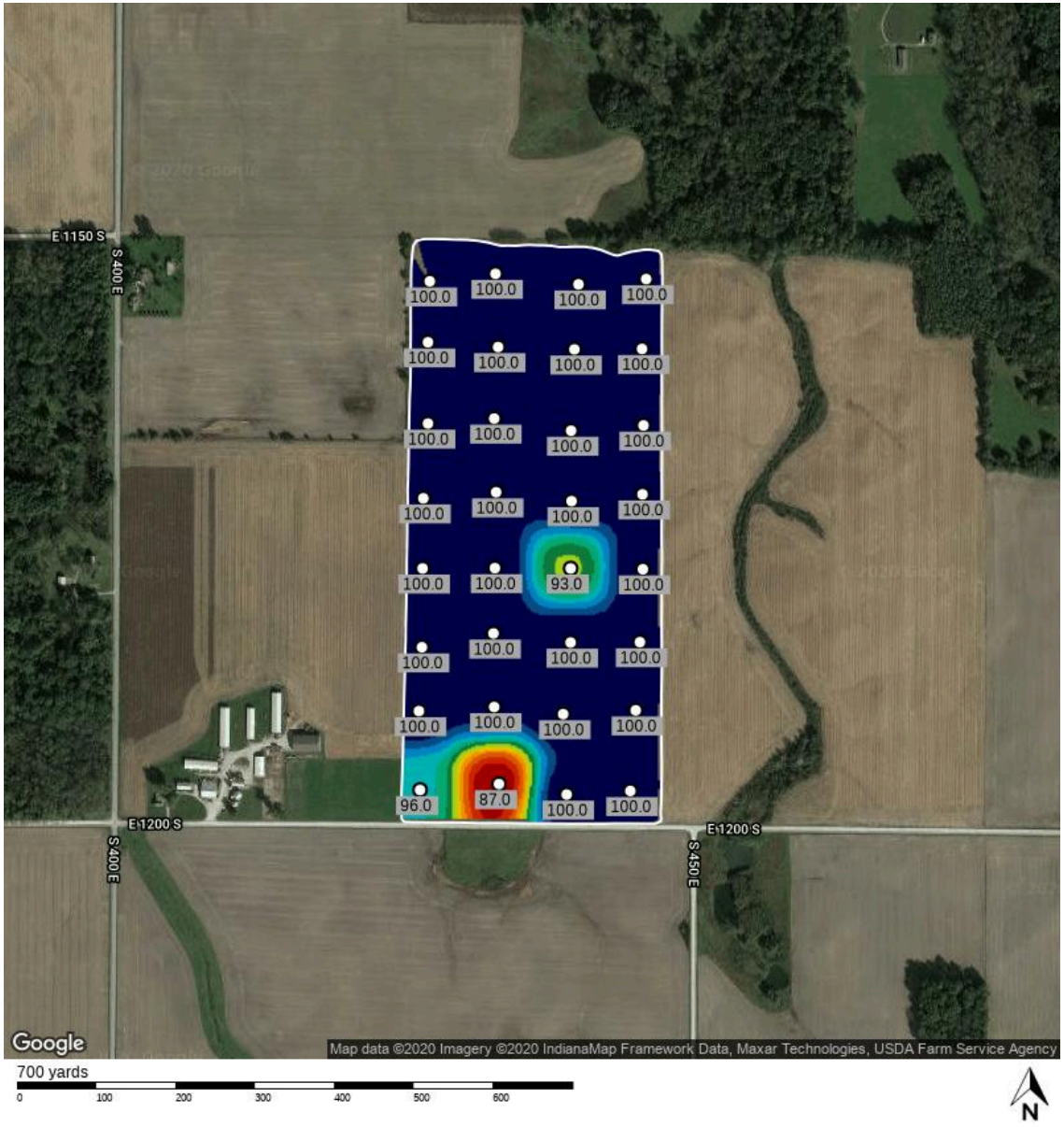
Min:	353.08
Max:	914.4
Average:	564.41
Std. Dev:	132.42
CV:	23.46%

Key	Area	% Area
150.0 - 150.0	0 acre	0 %
150.0 - 200.0	0 acre	0 %
200.0 - 914.40047	69.07 acre	95.93 %

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Soil BS

Grower: Steve Kochert
Farm: Bob Jones
Field: West 71
Season: 2021
Area: 72 acre
Last sampled: 09/16/2020



Min:	87.25
Max:	100
Average:	99.15
Std. Dev:	2.27
CV:	2.29%

Key	Area	% Area
87.250044 - 88.31254	0.83 acre	1.15 %
88.31254 - 89.375037	0.5 acre	0.69 %
89.375037 - 90.437533	0.35 acre	0.49 %
90.437533 - 91.500029	0.33 acre	0.45 %
91.500029 - 92.562526	0.29 acre	0.4 %
92.562526 - 93.625022	0.61 acre	0.84 %
93.625022 - 94.687518	1.1 acre	1.52 %
94.687518 - 95.750015	1.22 acre	1.69 %
95.750015 - 96.812511	1.9 acre	2.64 %
96.812511 - 97.875007	1.3 acre	1.81 %
97.875007 - 98.937504	2.05 acre	2.85 %
98.937504 - 100.0	58.6 acre	81.39 %

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Soil BS Ca

Grower: Steve Kochert
Farm: Bob Jones
Field: West 71
Season: 2021
Area: 72 acre
Last sampled: 09/16/2020



Min:	60.11
Max:	84.35
Average:	66.48
Std. Dev:	3.99
CV:	6.00%

Key	Area	% Area
60.113165 - 62.132531	7.41 acre	10.29 %
62.132531 - 64.151896	13.15 acre	18.27 %
64.151896 - 66.171261	17.72 acre	24.61 %
66.171261 - 68.190627	13.03 acre	18.1 %
68.190627 - 70.209992	7.98 acre	11.09 %
70.209992 - 72.229357	5.21 acre	7.24 %
72.229357 - 74.248722	1.01 acre	1.4 %
74.248722 - 76.268088	1.79 acre	2.48 %
76.268088 - 78.287453	0.4 acre	0.56 %
78.287453 - 80.306818	0.4 acre	0.56 %
80.306818 - 82.326184	0.45 acre	0.62 %
82.326184 - 84.345549	0.51 acre	0.7 %

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Soil BS K

Grower: Steve Kochert
Farm: Bob Jones
Field: West 71
Season: 2021
Area: 72 acre
Last sampled: 09/16/2020



Min:	1.43
Max:	10.45
Average:	6.8
Std. Dev:	1.76
CV:	25.84%

Key	Area	% Area
1.4278909 - 2.1793311	0.93 acre	1.3 %
2.1793311 - 2.9307713	0.82 acre	1.14 %
2.9307713 - 3.6822115	1.83 acre	2.54 %
3.6822115 - 4.4336517	2.32 acre	3.23 %
4.4336517 - 5.1850919	4.72 acre	6.56 %
5.1850919 - 5.9365321	10.63 acre	14.77 %
5.9365321 - 6.6879723	10.76 acre	14.95 %
6.6879723 - 7.4394125	12.64 acre	17.55 %
7.4394125 - 8.1908527	8.53 acre	11.84 %
8.1908527 - 8.9422929	6.29 acre	8.74 %
8.9422929 - 9.6937331	7.2 acre	10 %
9.6937331 - 10.445173	2.39 acre	3.32 %

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Soil BS Mg

Grower: Steve Kochert
Farm: Bob Jones
Field: West 71
Season: 2021
Area: 72 acre
Last sampled: 09/16/2020



Min:	14.45
Max:	32.85
Average:	25.96
Std. Dev:	3.07
CV:	11.84%

Key	Area	% Area
14.450264 - 15.983903	0.57 acre	0.79 %
15.983903 - 17.517541	0.48 acre	0.66 %
17.517541 - 19.05118	1.61 acre	2.23 %
19.05118 - 20.584819	0.96 acre	1.34 %
20.584819 - 22.118458	1.69 acre	2.35 %
22.118458 - 23.652096	6.39 acre	8.87 %
23.652096 - 25.185735	17.03 acre	23.66 %
25.185735 - 26.719374	14.54 acre	20.19 %
26.719374 - 28.253013	9.13 acre	12.69 %
28.253013 - 29.786651	8.88 acre	12.33 %
29.786651 - 31.32029	6.22 acre	8.64 %
31.32029 - 32.853929	1.57 acre	2.19 %

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Soil Zn

Grower: Steve Kochert
Farm: Bob Jones
Field: West 71
Season: 2021
Area: 72 acre
Last sampled: 09/16/2020



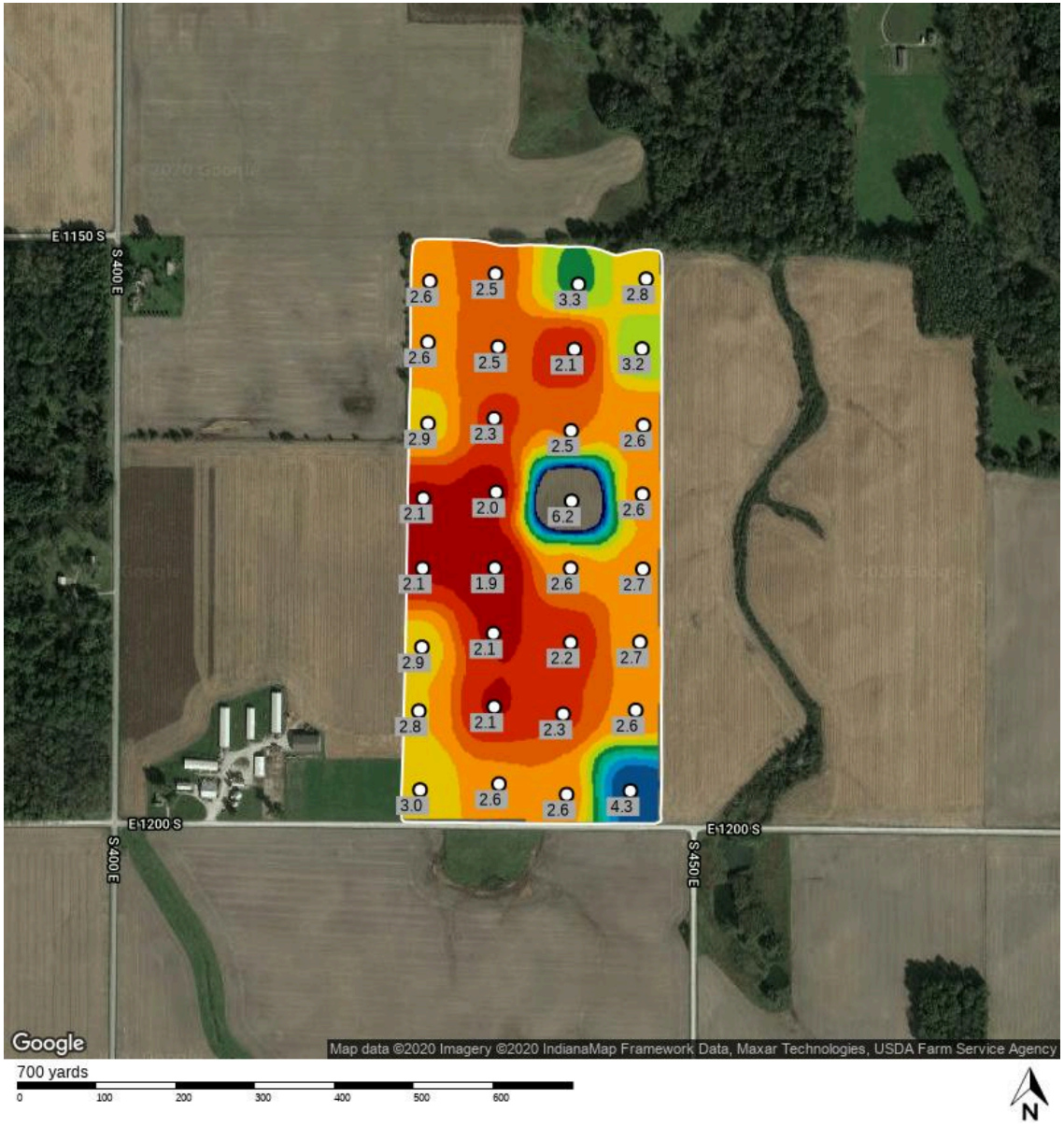
Min:	5.51
Max:	73.93
Average:	22.91
Std. Dev:	10.94
CV:	47.75%

Key	Area	% Area
2.9 - 2.9	0 acre	0 %
2.9 - 4.9	0 acre	0 %
4.9 - 73.93161	69.07 acre	95.93 %

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Soil Ca Mg

Grower: Steve Kochert
Farm: Bob Jones
Field: West 71
Season: 2021
Area: 72 acre
Last sampled: 09/16/2020



Min:	1.91
Max:	6.07
Average:	2.69
Std. Dev:	0.61
CV:	22.77%

Key	Area	% Area
1.9129742 - 2.1304562	7.43 acre	10.32 %
2.1304562 - 2.3479383	11.01 acre	15.29 %
2.3479383 - 2.5654203	12.52 acre	17.39 %
2.5654203 - 2.7829024	19.23 acre	26.71 %
2.7829024 - 3.0003844	8.96 acre	12.44 %
3.0003844 - 3.2178665	3.37 acre	4.68 %
3.2178665 - 3.4353485	1.43 acre	1.99 %
3.4353485 - 3.6528306	0.6 acre	0.83 %
3.6528306 - 3.8703126	0.59 acre	0.81 %
3.8703126 - 4.0877947	0.63 acre	0.87 %
4.0877947 - 4.3052767	1.37 acre	1.9 %
4.3052767 - 4.5227588	1.94 acre	2.7 %

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Soil Mg K

Grower: Steve Kochert
Farm: Bob Jones
Field: West 71
Season: 2021
Area: 72 acre
Last sampled: 09/16/2020



Min:	2.32
Max:	10.05
Average:	4.29
Std. Dev:	1.54
CV:	36.02%

Key	Area	% Area
2.3236154 - 2.8731248	8.16 acre	11.33 %
2.8731248 - 3.4226341	13.35 acre	18.55 %
3.4226341 - 3.9721434	15.27 acre	21.21 %
3.9721434 - 4.5216527	10.22 acre	14.19 %
4.5216527 - 5.0711621	8.56 acre	11.9 %
5.0711621 - 5.6206714	4.46 acre	6.2 %
5.6206714 - 6.1701807	1.46 acre	2.03 %
6.1701807 - 6.71969	1.28 acre	1.78 %
6.71969 - 7.2691994	1.7 acre	2.36 %
7.2691994 - 7.8187087	0.83 acre	1.16 %
7.8187087 - 8.368218	0.81 acre	1.13 %
8.368218 - 8.9177273	2.96 acre	4.1 %

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