

**Johnson Country Acres | Katie McWhirter**  
**Ben and Andy | Dunkel South | 2024 | 79 acres**  
**Field Sampled on 8/3/2023**

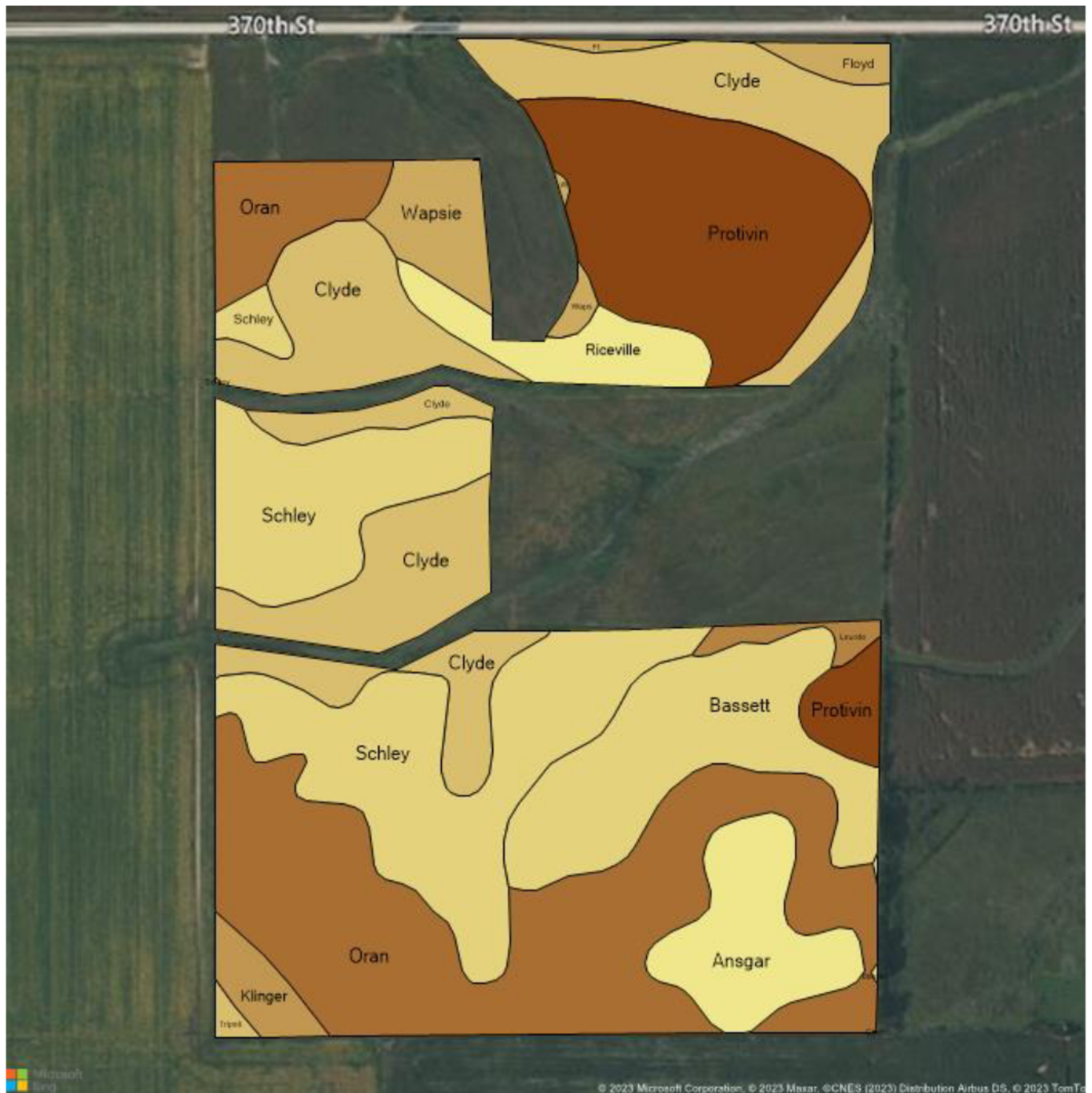
**Sample No**













Maps as of 8/23/2023

**Johnson Country Acres | Katie McWhirter**  
**Ben and Andy | Dunkel South | 2024 | 79 acres**  
**Field Sampled on 8/3/2023**

**Soils**



Soils	
	Ansgar (3.94 acres)
	Bassett (7.08 acres)
	Clyde (16.25 acres)
	Floyd (0.85 acres)
	Klinger (1.03 acres)
	Lourdes (0.58 acres)
	Oran (18.29 acres)
	Protivin (10.8 acres)
	Riceville (2.44 acres)
	Schley (15.24 acres)



Maps as of 8/23/2023



**Johnson Country Acres | Katie McWhirter**  
**Ben and Andy | Dunkel South | 2024 | 79 acres**  
**Field Sampled on 8/3/2023**

**pH**



pH

- 0 to 5.5 (0 acres)
- 5.5 to 6 (1.3 acres)
- 6 to 6.5 (57.97 acres)
- 6.5 to 7 (19.52 acres)
- 7 to 7.4 (0.17 acres)
- 7.4 to 10 (0 acres)

Min: 5.8

Max: 7.1

Avg: 6.4



Maps as of 8/23/2023

Johnson Country Acres | Katie McWhirter  
Ben and Andy | Dunkel South | 2024 | 79 acres  
Field Sampled on 8/3/2023

Buffer pH



Buffer pH

- 0 to 5.5 (0 acres)
- 5.5 to 6 (0 acres)
- 6 to 6.5 (0.31 acres)
- 6.5 to 7 (74.7 acres)
- 7 to 7.4 (3.94 acres)
- 7.4 to 10 (0 acres)

Min: 6.4

Max: 7.1

Avg: 6.8

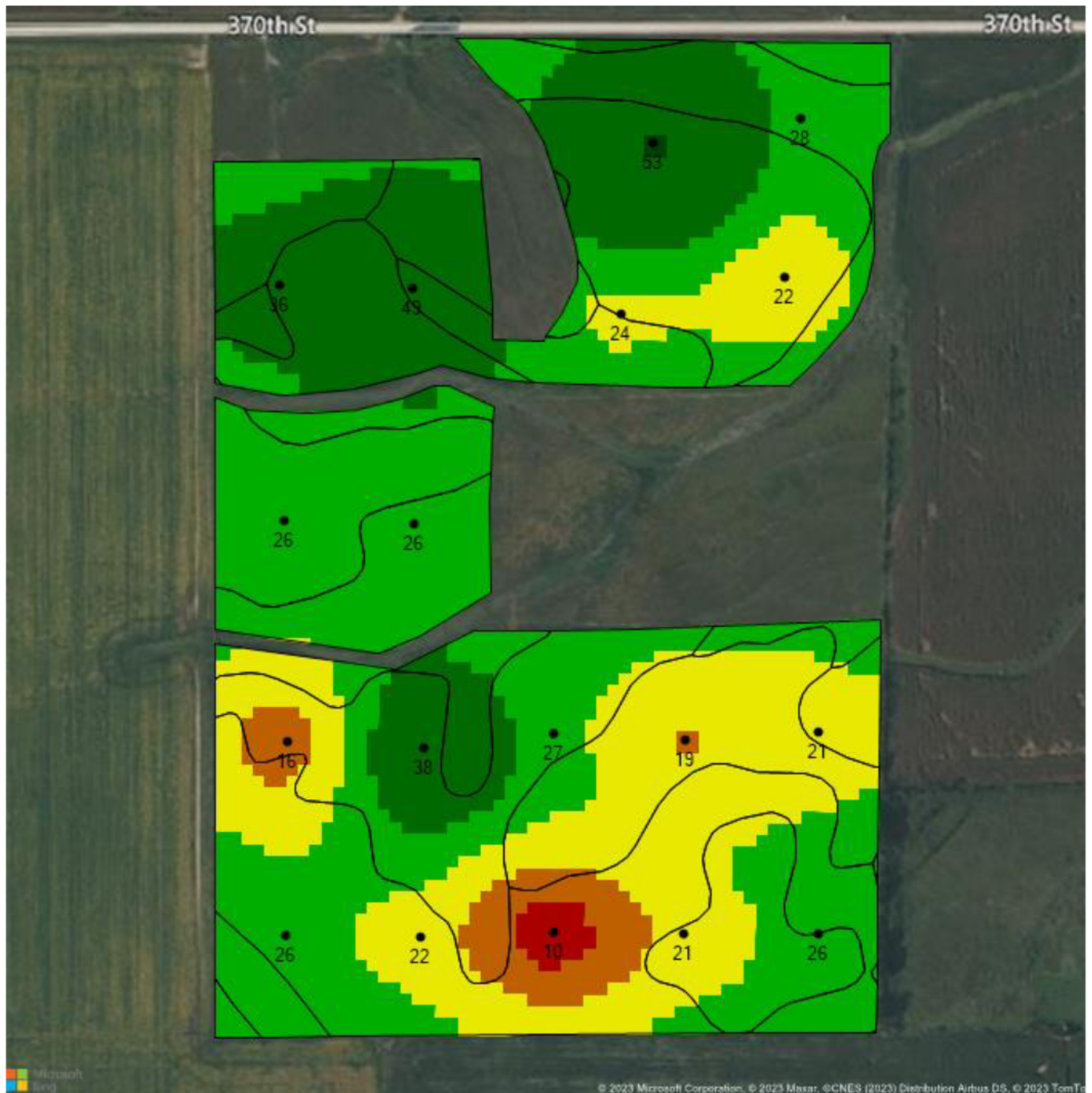


Maps as of 8/23/2023



Johnson Country Acres | Katie McWhirter  
Ben and Andy | Dunkel South | 2024 | 79 acres  
Field Sampled on 8/3/2023

P(ppm)



P(ppm)	
0 to 15 (0.66 acres)	
15 to 20 (3.28 acres)	
20 to 25 (20.46 acres)	
25 to 30 (36.68 acres)	
30 to 50 (17.79 acres)	
50 to 9999 (0.08 acres)	

Min: 10.6
Max: 52.3
Avg: 27.4



Maps as of 8/23/2023

**Johnson Country Acres | Katie McWhirter**  
**Ben and Andy | Dunkel South | 2024 | 79 acres**  
**Field Sampled on 8/3/2023**

**K(ppm)**



K(ppm)	
<span style="color: red;">■</span>	0 to 90 (0.64 acres)
<span style="color: orange;">■</span>	90 to 130 (51.2 acres)
<span style="color: yellow;">■</span>	130 to 170 (23.38 acres)
<span style="color: lightgreen;">■</span>	170 to 200 (3.55 acres)
<span style="color: darkgreen;">■</span>	200 to 250 (0.19 acres)
<span style="color: black;">■</span>	250 to 2000 (0 acres)

Min: 78.8
Max: 214.9
Avg: 127.1

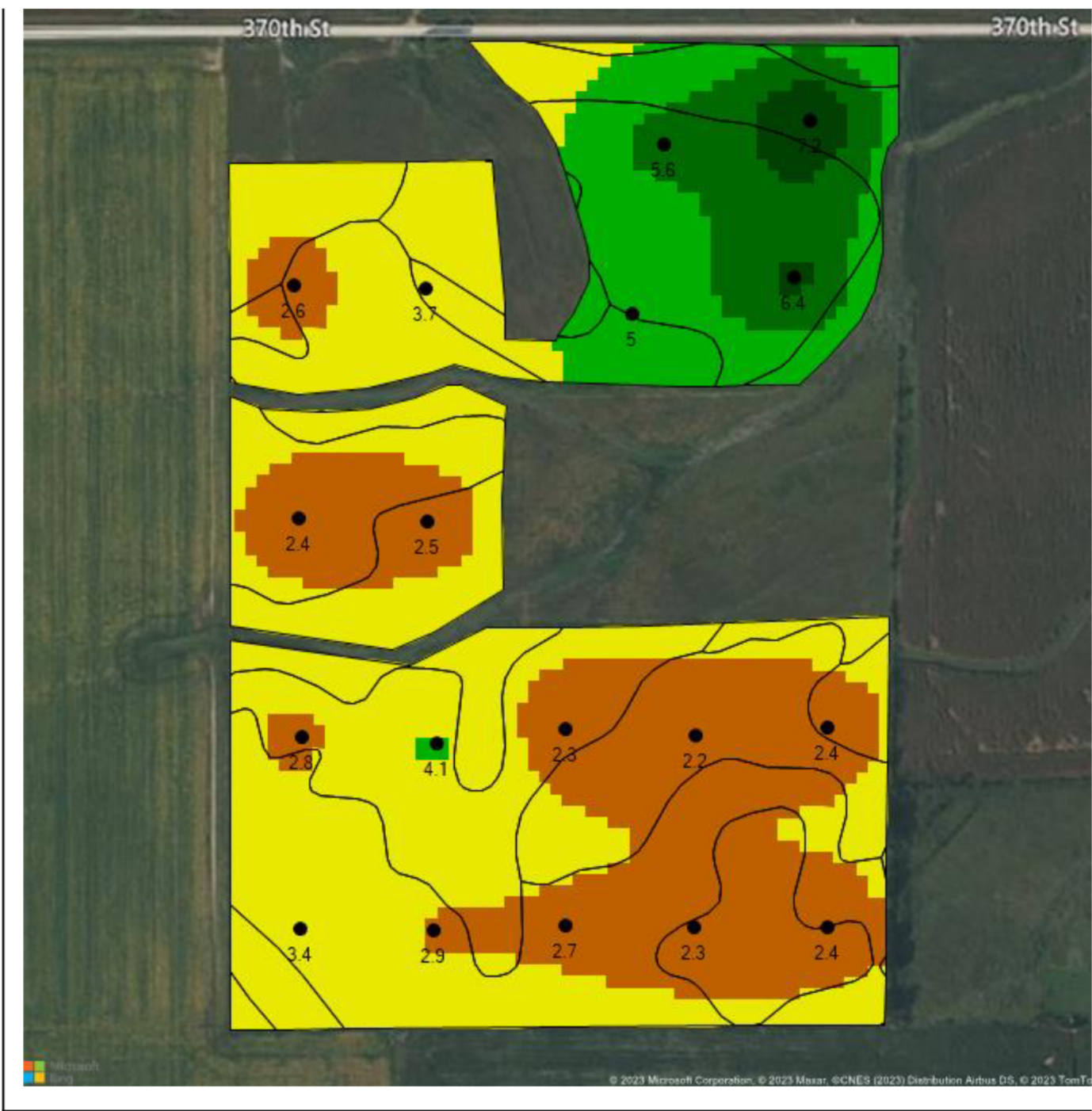


Maps as of 8/23/2023



Johnson Country Acres | Katie McWhirter  
Ben and Andy | Dunkel South | 2024 | 79 acres  
Field Sampled on 8/3/2023

OM



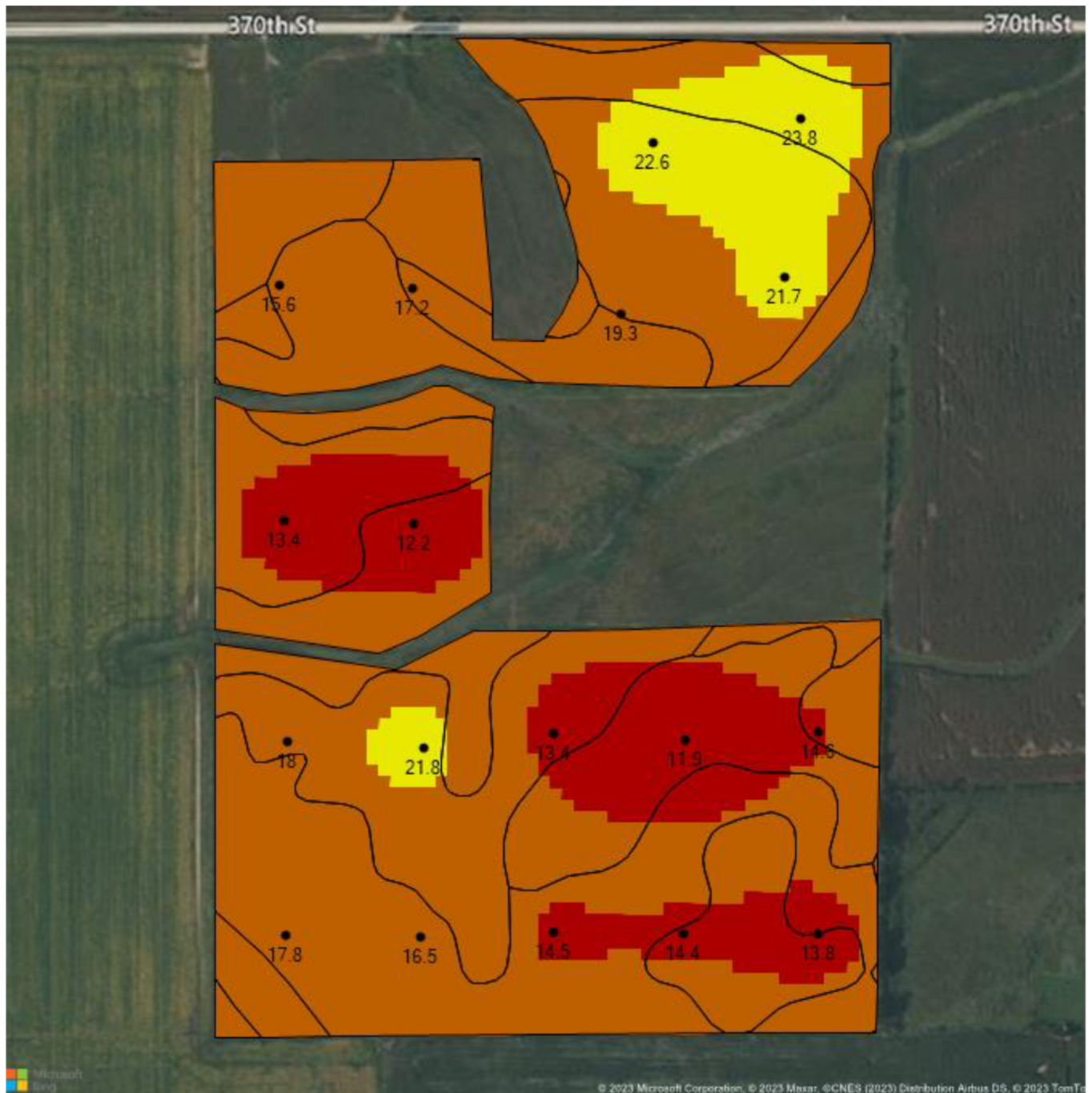
OM	
0 to 2	[0 acres]
2 to 3	[22.75 acres]
3 to 4	[39.76 acres]
4 to 5	[9.07 acres]
5 to 6	[6.05 acres]
6 to 100	[1.32 acres]

Min:	2.2
Max:	7.1
Avg:	3.5



**Johnson Country Acres | Katie McWhirter**  
**Ben and Andy | Dunkel South | 2024 | 79 acres**  
**Field Sampled on 8/3/2023**

**CEC**



**CEC**

- 0 to 15 (13.54 acres)
- 15 to 20 (57.68 acres)
- 20 to 25 (7.74 acres)
- 25 to 30 (0 acres)
- 30 to 35 (0 acres)
- 35 to 100 (0 acres)

Min: 12

Max: 23.7

Avg: 16.9

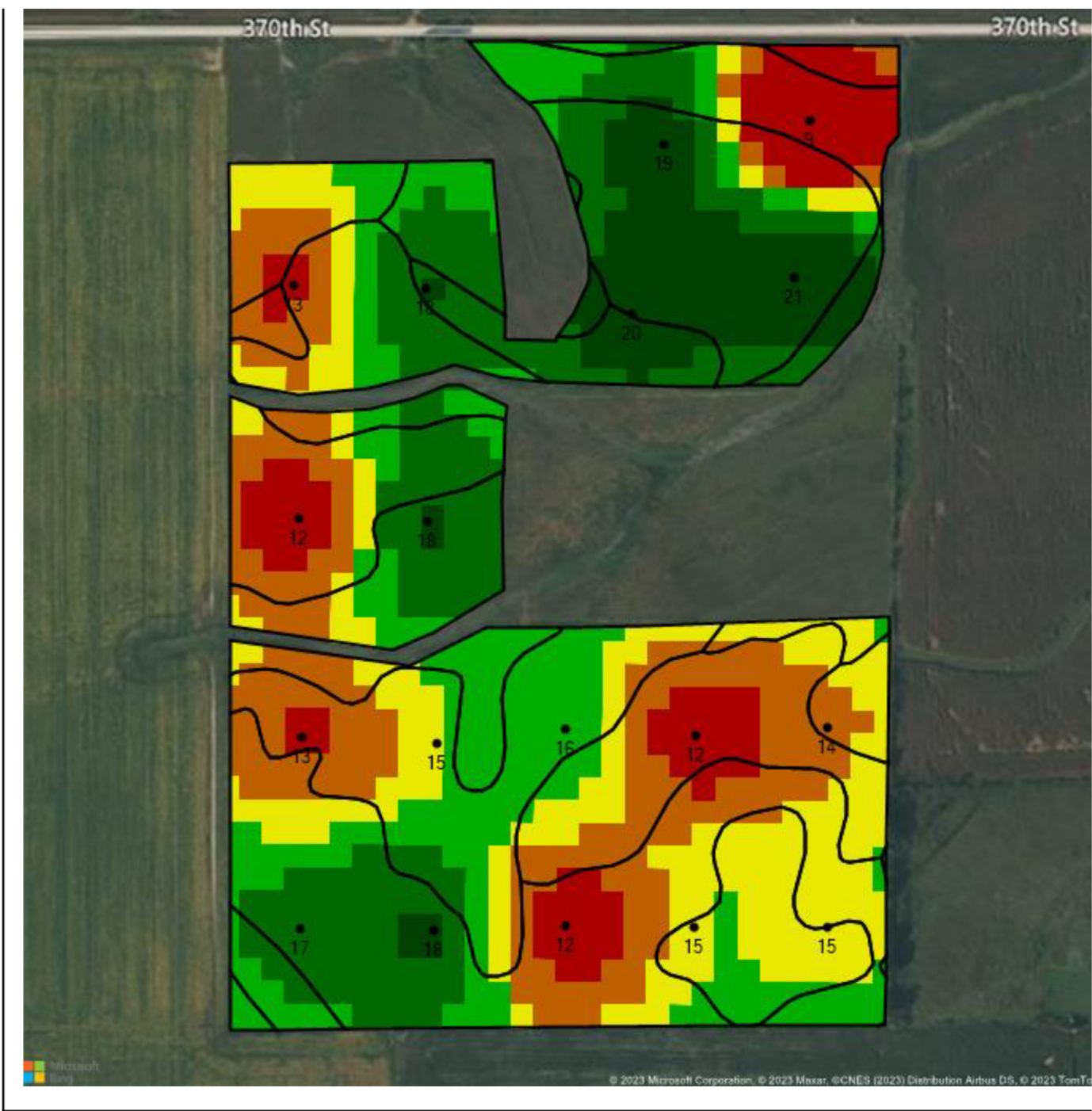


Maps as of 8/23/2023



Johnson Country Acres | Katie McWhirter  
Ben and Andy | Dunkel South | 2024 | 79 acres  
Field Sampled on 8/3/2023

NO3



NO3

9.8 to 13.56 (7.87 acres)
13.56 to 14.64 (15.79 acres)
14.64 to 15.24 (15.76 acres)
15.24 to 16.13 (15.78 acres)
16.13 to 17.55 (15.77 acres)
17.55 to 20.44 (7.99 acres)

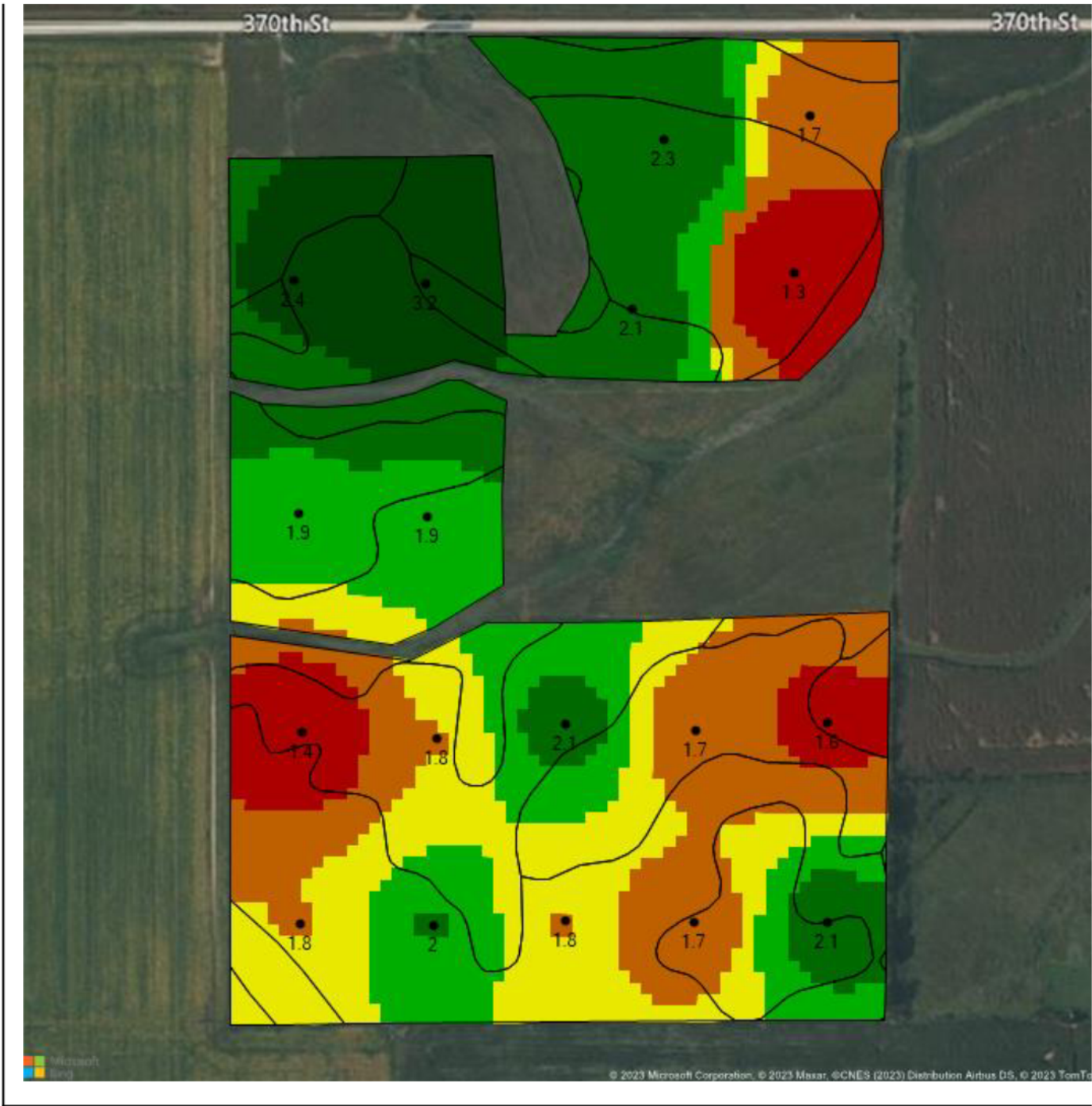
Min: 9.8
Max: 20.4
Avg: 15.4



Maps as of 8/23/2023

Johnson Country Acres | Katie McWhirter  
Ben and Andy | Dunkel South | 2024 | 79 acres  
Field Sampled on 8/3/2023

K Base Sat



K Base Sat	
1.3 to 1.69 (7.96 acres)	
1.69 to 1.8 (15.79 acres)	
1.8 to 1.88 (15.45 acres)	
1.88 to 1.99 (16 acres)	
1.99 to 2.36 (15.77 acres)	
2.36 to 3.2 (7.98 acres)	

Min: 1.3
Max: 3.2
Avg: 1.9

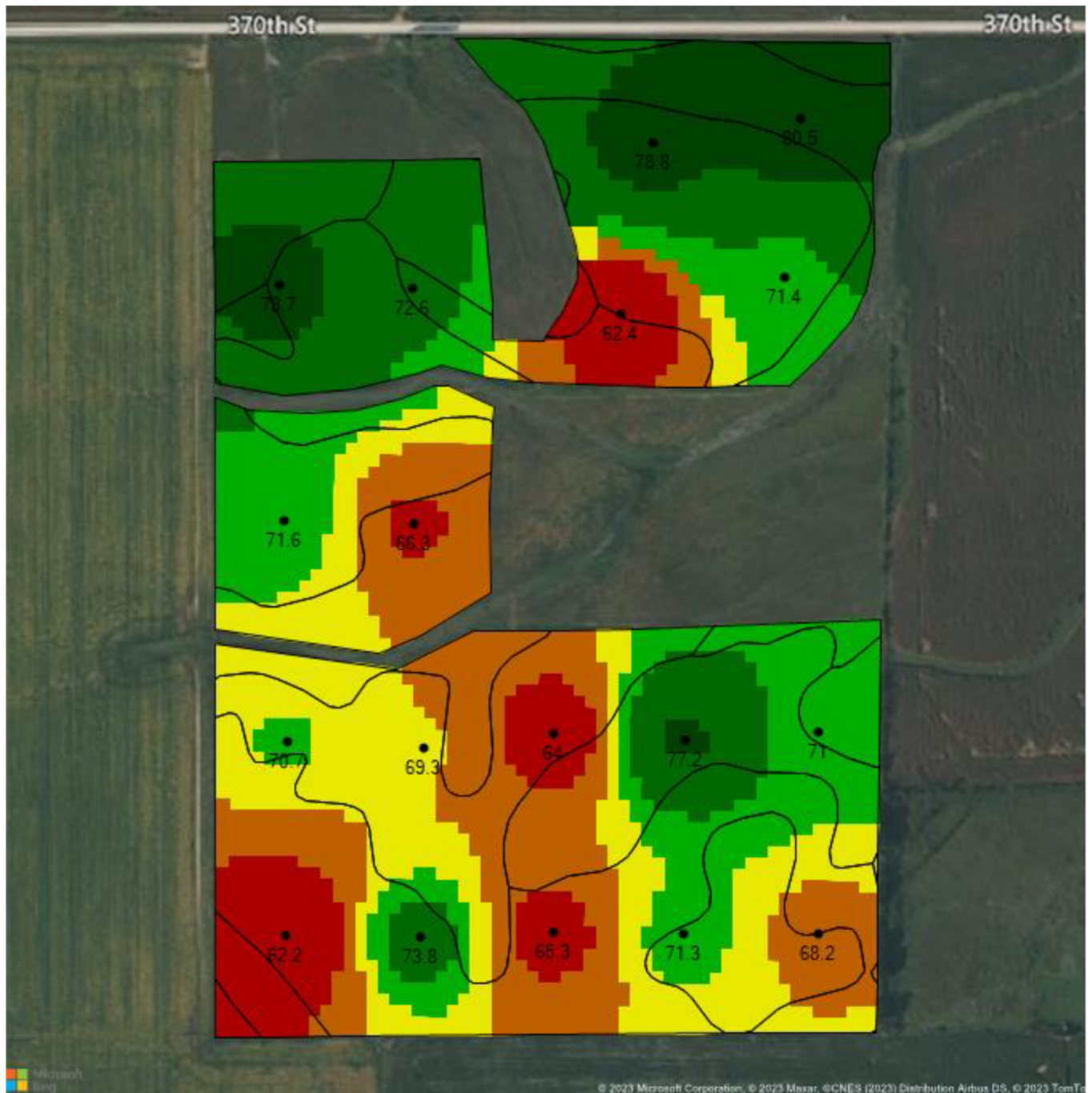


Maps as of 8/23/2023



Johnson Country Acres | Katie McWhirter  
Ben and Andy | Dunkel South | 2024 | 79 acres  
Field Sampled on 8/3/2023

Ca Base Sat



Ca Base Sat

- 62.25 to 66.97 (7.92 acres)
- 66.97 to 69.17 (15.7 acres)
- 69.17 to 70.46 (15.58 acres)
- 70.46 to 72.01 (15.97 acres)
- 72.01 to 76.31 (15.77 acres)
- 76.31 to 80.5 (8 acres)

Min: 62.3

Max: 80.5

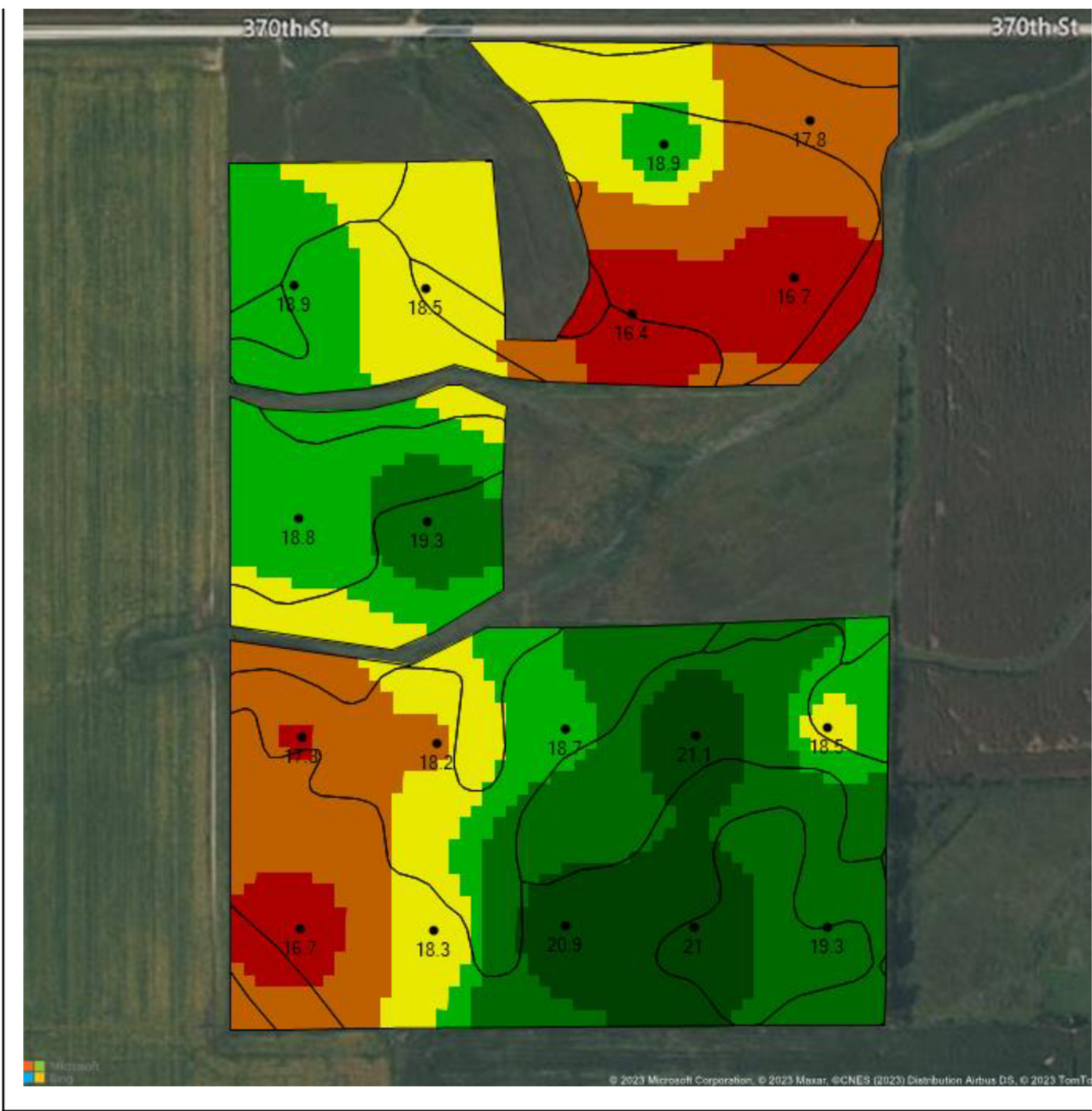
Avg: 71



Maps as of 8/23/2023

Johnson Country Acres | Katie McWhirter  
Ben and Andy | Dunkel South | 2024 | 79 acres  
Field Sampled on 8/3/2023

Mg Base Sat



Mg Base Sat	
16.41 to 17.38	(7.98 acres)
17.38 to 18.26	(15.55 acres)
18.26 to 18.65	(15.85 acres)
18.65 to 18.92	(15.79 acres)
18.92 to 19.99	(15.8 acres)
19.99 to 21.09	(7.98 acres)

Min: 16.4
Max: 21.1
Avg: 18.6

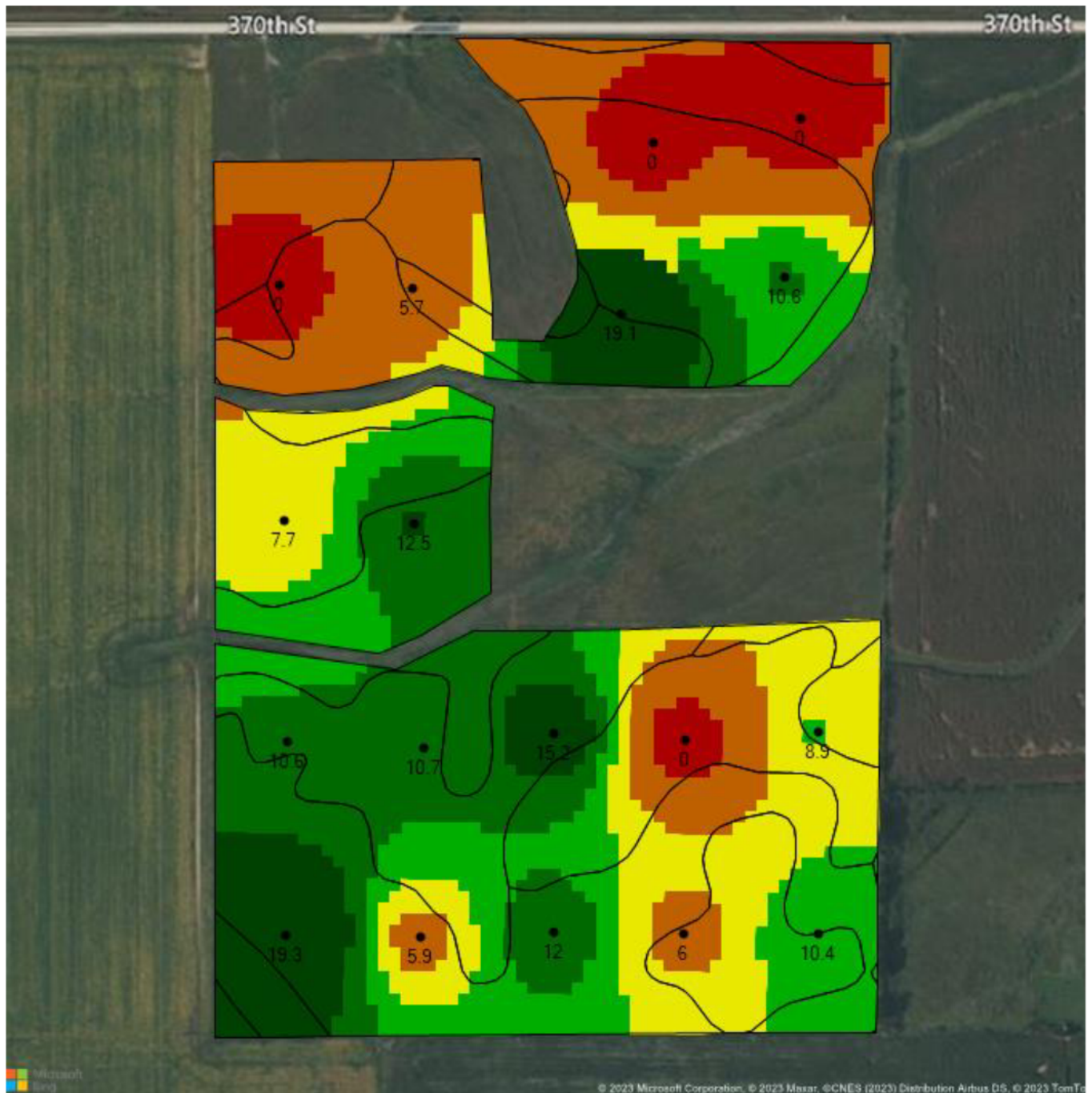


Maps as of 8/23/2023



**Johnson Country Acres | Katie McWhirter**  
**Ben and Andy | Dunkel South | 2024 | 79 acres**  
**Field Sampled on 8/3/2023**

**H Base Sat**



**H Base Sat**

- 0 to 2.91 (7.92 acres)
- 2.91 to 7.02 (15.71 acres)
- 7.02 to 8.84 (16.17 acres)
- 8.84 to 10.44 (15.61 acres)
- 10.44 to 12.35 (15.57 acres)
- 12.35 to 19.23 (7.97 acres)

Min: 0

Max: 19.2

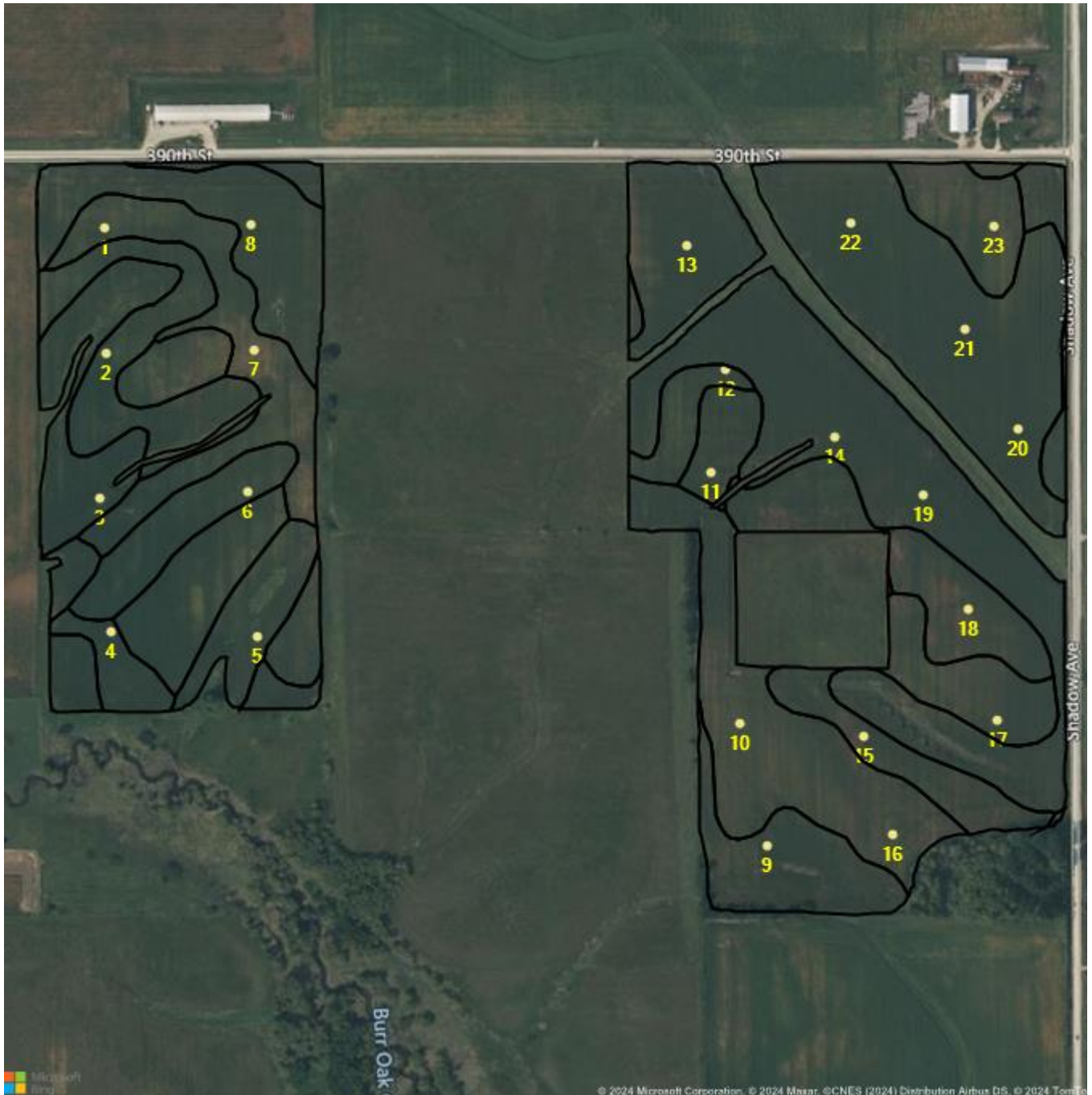
Avg: 8.5



Maps as of 8/23/2023

**Johnson Country Acres | Katie McWhirter-PE**  
**Ben and Andy | Dunkel North | 2025 | 110.6 acres**  
**Field Sampled on 8/1/2024**

**Sample No**



Maps as of 8/29/2024



**Johnson Country Acres | Katie McWhirter-PE**  
**Ben and Andy | Dunkel North | 2025 | 110.6 acres**  
**Field Sampled on 8/1/2024**

**Soils**



**Soils**

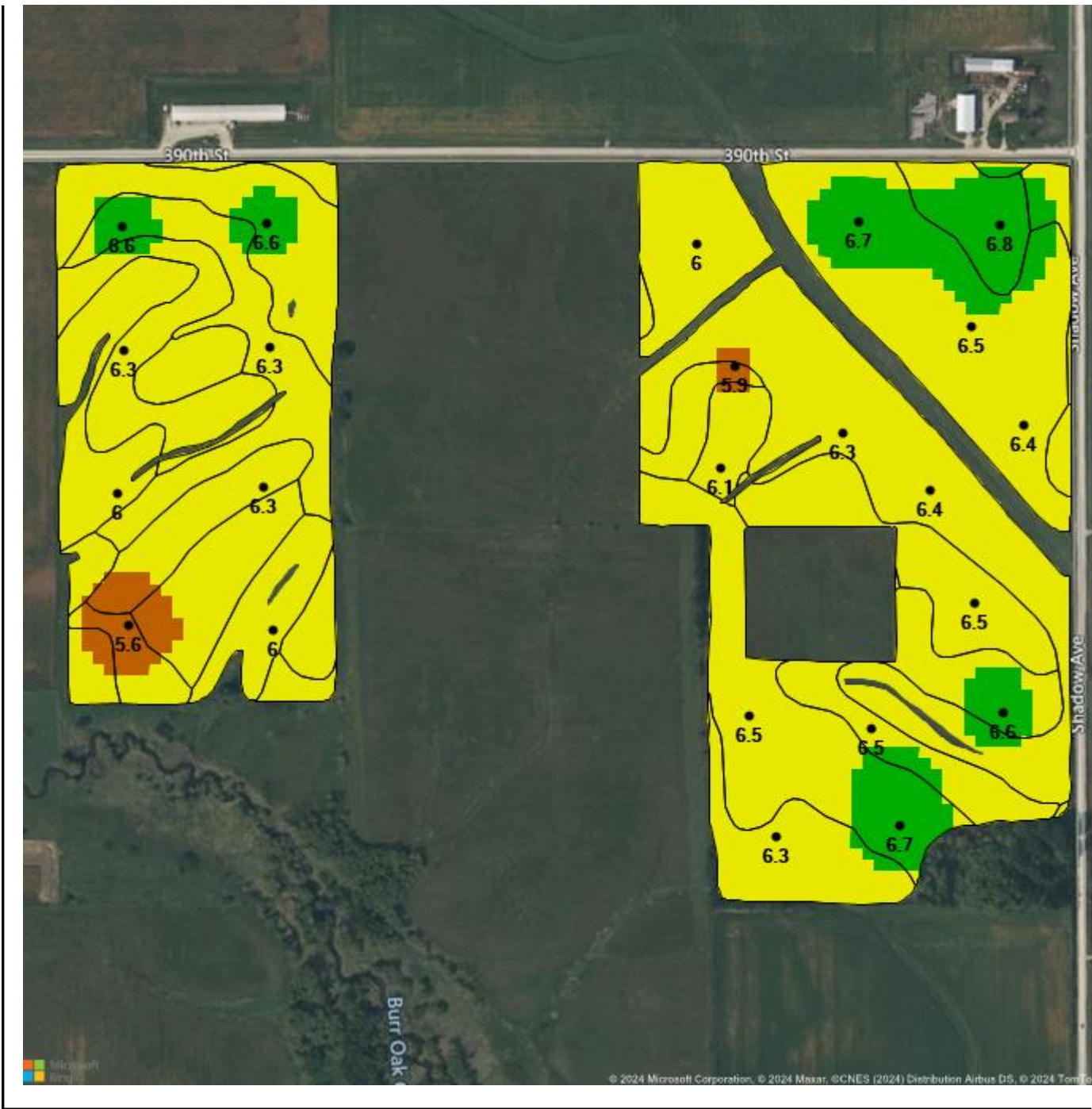
- Clyde (39.69 acres)
- Cresco (1.17 acres)
- Floyd (11.6 acres)
- Kenyon (1.52 acres)
- Lourdes (19.85 acres)
- Protivin (21.67 acres)
- Riceville (13.4 acres)
- Terril (0.98 acres)
- Turlin (0 acres)
- Waukesha (0.7 acres)



Maps as of 8/29/2024

Johnson Country Acres | Katie McWhirter-PE  
Ben and Andy | Dunkel North | 2025 | 110.6 acres  
Field Sampled on 8/1/2024

pH



pH	
0 to 5.5 (0 acres)	
5.5 to 6 (2.72 acres)	
6 to 6.5 (94.55 acres)	
6.5 to 7 (13.29 acres)	
7 to 7.4 (0 acres)	
7.4 to 10 (0 acres)	

Min: 5.7
Max: 6.8
Avg: 6.3



Maps as of 8/29/2024



**Johnson Country Acres | Katie McWhirter-PE  
Ben and Andy | Dunkel North | 2025 | 110.6 acres  
Field Sampled on 8/1/2024**

## Buffer pH



Buffer pH

0 to 5.5 (0 acres)
5.5 to 6 (0 acres)
6 to 6.5 (0 acres)
6.5 to 7 (108.87 acres)
7 to 7.4 (1.69 acres)
7.4 to 10 (0 acres)

Min: 6.5
Max: 7.1
Avg: 6.8



Maps as of 8/29/2024

Johnson Country Acres | Katie McWhirter-PE  
 Ben and Andy | Dunkel North | 2025 | 110.6 acres  
 Field Sampled on 8/1/2024

P(ppm)



P(ppm)	
0 to 10 (0 acres)	
10 to 20 (14.57 acres)	
20 to 25 (61.51 acres)	
25 to 35 (33.88 acres)	
35 to 50 (0.59 acres)	
50 to 10000 (0 acres)	

Min: 12.6
Max: 38.3
Avg: 23.5

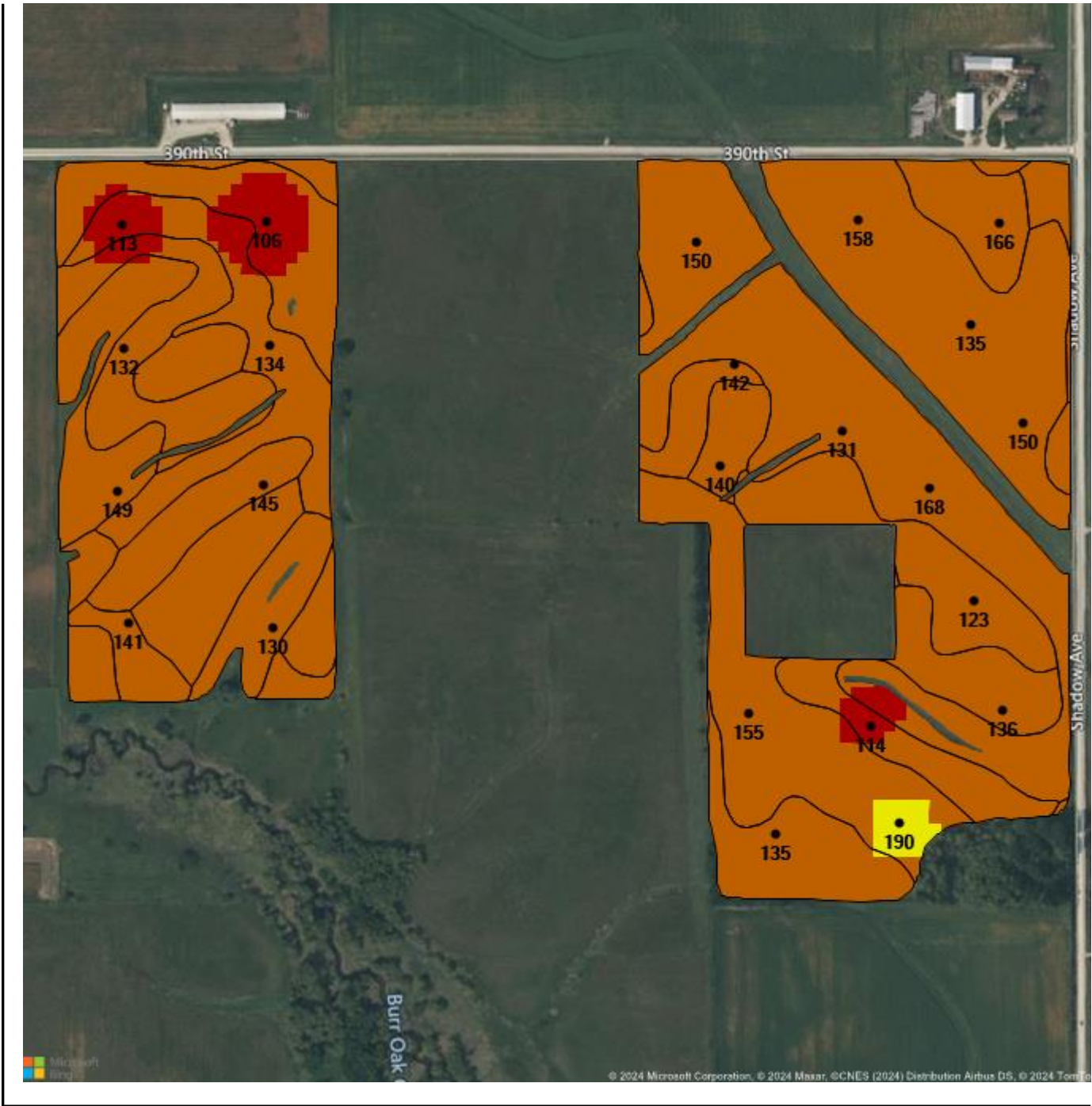


Maps as of 8/29/2024



Johnson Country Acres | Katie McWhirter-PE  
Ben and Andy | Dunkel North | 2025 | 110.6 acres  
Field Sampled on 8/1/2024

K(ppm)



K(ppm)	
0 to 125	(4.63 acres)
125 to 170	(104.99 acres)
170 to 220	(0.94 acres)
220 to 270	(0 acres)
270 to 300	(0 acres)
300 to 10000	(0 acres)

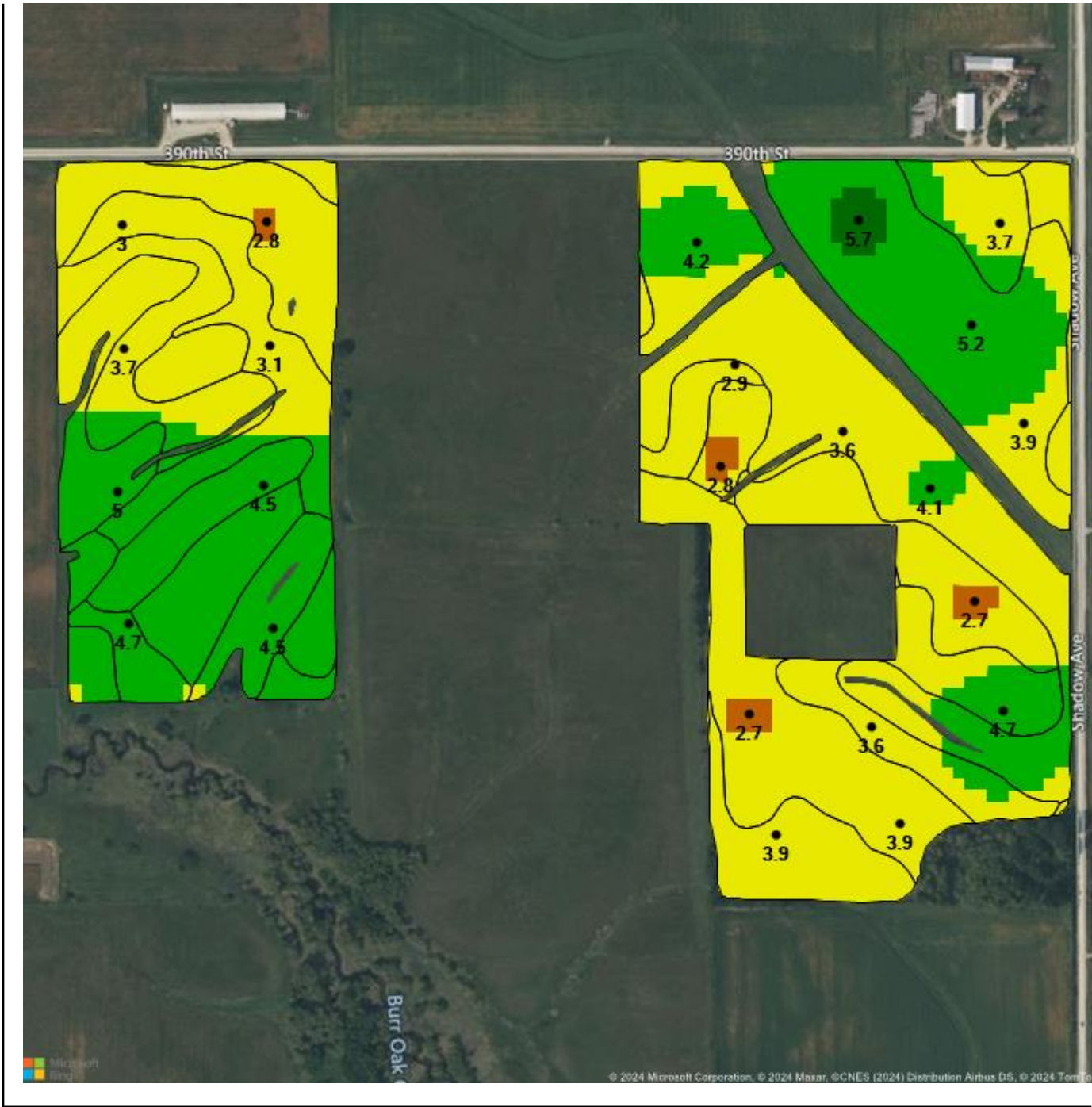
Min:	107.9
Max:	186.9
Avg:	140.7



Maps as of 8/29/2024

Johnson Country Acres | Katie McWhirter-PE  
Ben and Andy | Dunkel North | 2025 | 110.6 acres  
Field Sampled on 8/1/2024

OM



OM	
0 to 2 (0 acres)	
2 to 3 (1.47 acres)	
3 to 4 (68.93 acres)	
4 to 5 (39.21 acres)	
5 to 6 (0.95 acres)	
6 to 100 (0 acres)	

Min: 2.7
Max: 5.6
Avg: 3.9

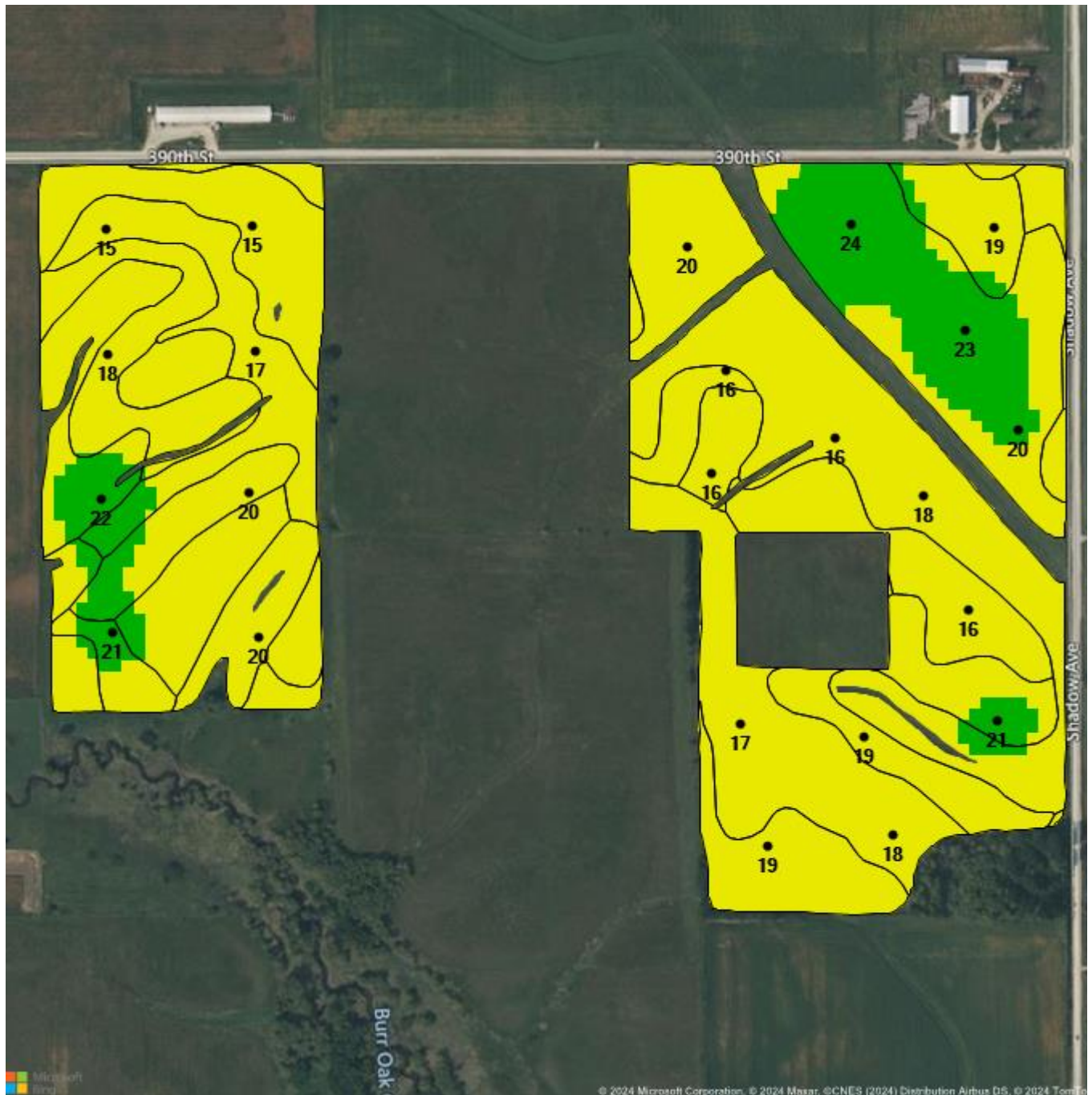


Maps as of 8/29/2024



**Johnson Country Acres | Katie McWhirter-PE**  
**Ben and Andy | Dunkel North | 2025 | 110.6 acres**  
**Field Sampled on 8/1/2024**

**CEC**



CEC

0 to 10 (0 acres)
10 to 15 (0 acres)
15 to 20 (95.92 acres)
20 to 25 (14.64 acres)
25 to 30 (0 acres)
30 to 1000 (0 acres)

Min: 15.2

Max: 24

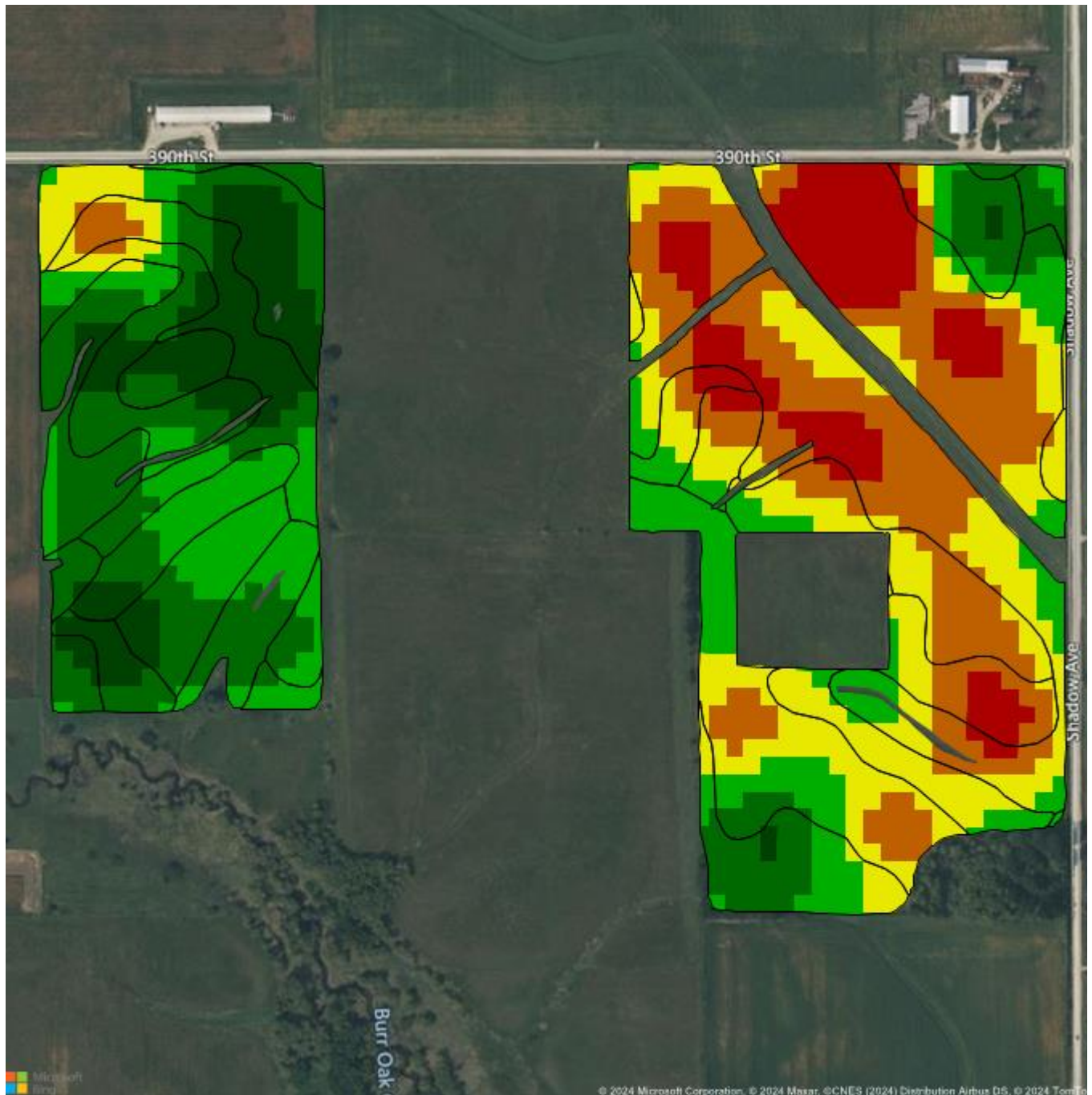
Avg: 18.7



Maps as of 8/29/2024

**Johnson Country Acres | Katie McWhirter-PE**  
**Ben and Andy | Dunkel North | 2025 | 110.6 acres**  
**Field Sampled on 8/1/2024**

**NO3**



**NO3**

4.74 to 9.91 (11.01 acres)
9.91 to 10.57 (22.11 acres)
10.57 to 11.13 (22.1 acres)
11.13 to 12.17 (22.07 acres)
12.17 to 13.53 (22.08 acres)
13.53 to 18.79 (11.18 acres)

Min: 4.7

Max: 18.8

Avg: 11.5

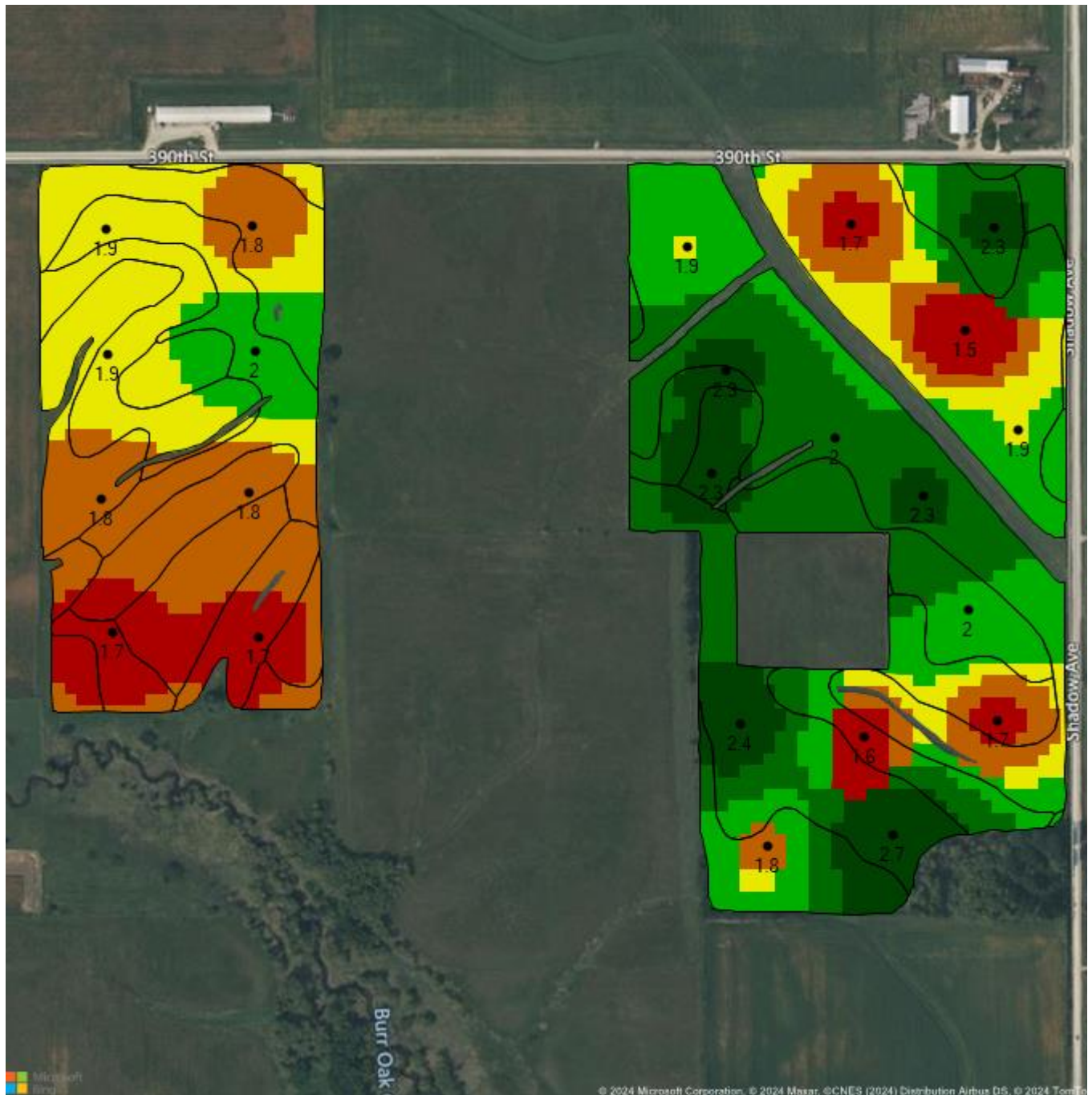


Maps as of 8/29/2024



**Johnson Country Acres | Katie McWhirter-PE**  
**Ben and Andy | Dunkel North | 2025 | 110.6 acres**  
**Field Sampled on 8/1/2024**

**K Base Sat**



K Base Sat	
1.5 to 1.76 (11.59 acres)	
1.76 to 1.85 (21.84 acres)	
1.85 to 1.9 (20.94 acres)	
1.9 to 2.01 (22.17 acres)	
2.01 to 2.19 (22.98 acres)	
2.19 to 2.69 (11.04 acres)	

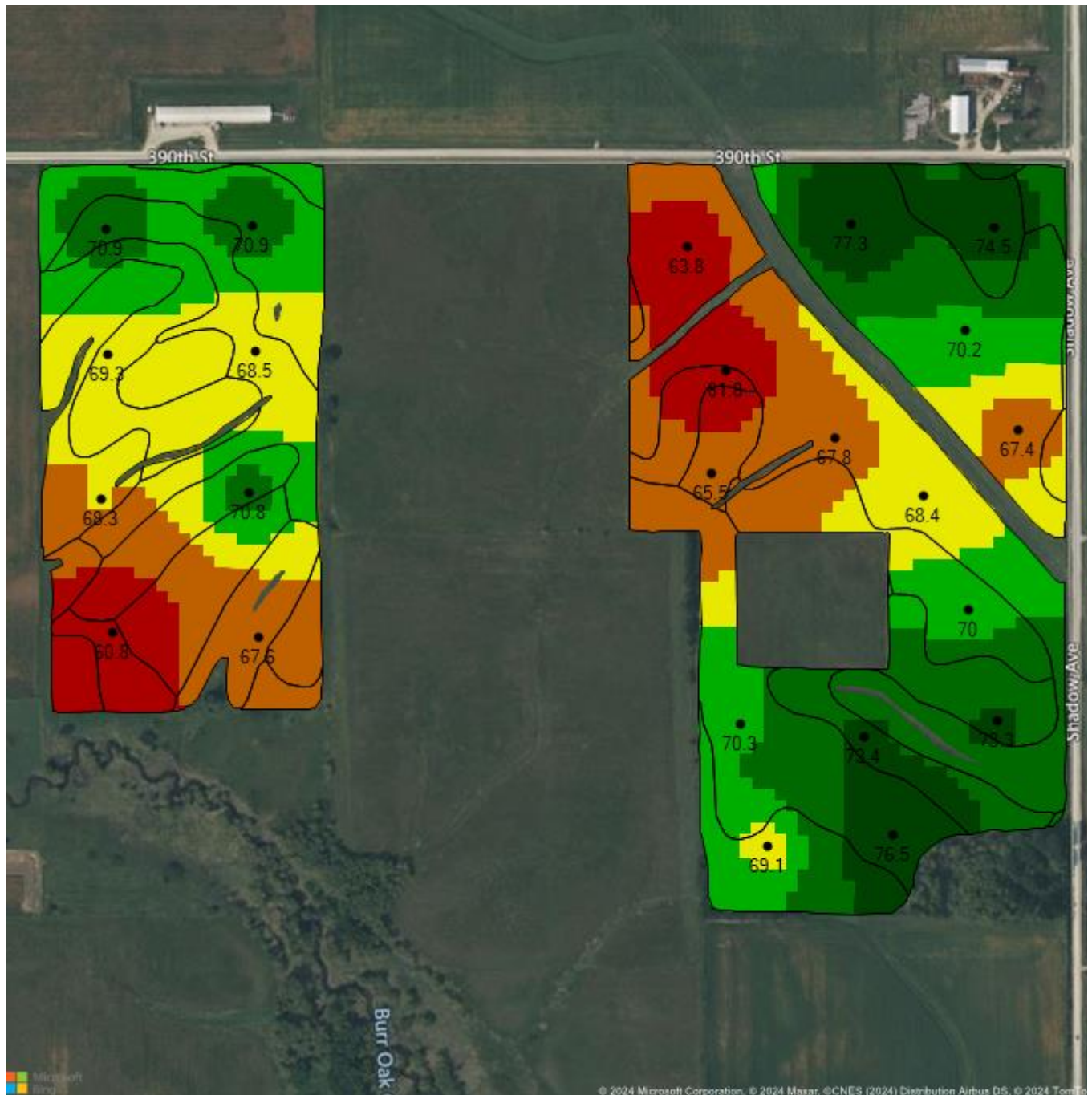
Min: 1.5
Max: 2.7
Avg: 1.9



Maps as of 8/29/2024

**Johnson Country Acres | Katie McWhirter-PE**  
**Ben and Andy | Dunkel North | 2025 | 110.6 acres**  
**Field Sampled on 8/1/2024**

**Ca Base Sat**



**Ca Base Sat**

- 60.85 to 65.54 (11.1 acres)
- 65.54 to 68.28 (22.14 acres)
- 68.28 to 69.43 (21.88 acres)
- 69.43 to 70.42 (22.16 acres)
- 70.42 to 73 (22.21 acres)
- 73 to 77.23 (11.07 acres)

Min: 60.9

Max: 77.2

Avg: 69.3

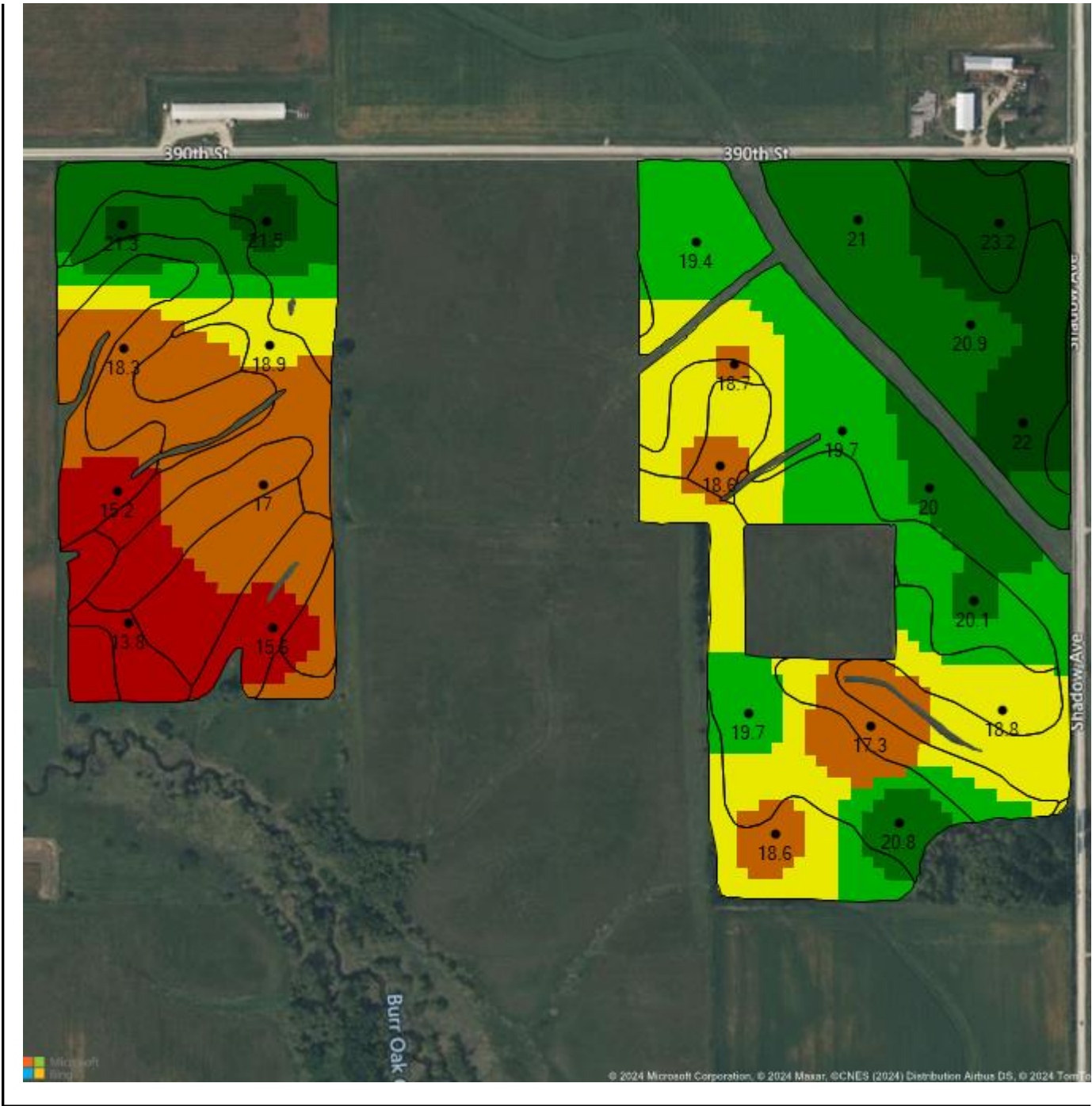


Maps as of 8/29/2024



Johnson Country Acres | Katie McWhirter-PE  
Ben and Andy | Dunkel North | 2025 | 110.6 acres  
Field Sampled on 8/1/2024

Mg Base Sat



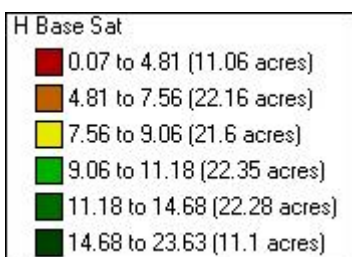
Mg Base Sat	
13.82 to 16.04	(11.05 acres)
16.04 to 18.81	(22.18 acres)
18.81 to 19.34	(22.03 acres)
19.34 to 19.99	(22.2 acres)
19.99 to 21.04	(22.07 acres)
21.04 to 23.17	(11.04 acres)

Min: 13.8
Max: 23.2
Avg: 19.1



Maps as of 8/29/2024

## H Base Sat



Maps as of 8/29/2024