

Soil Test Points



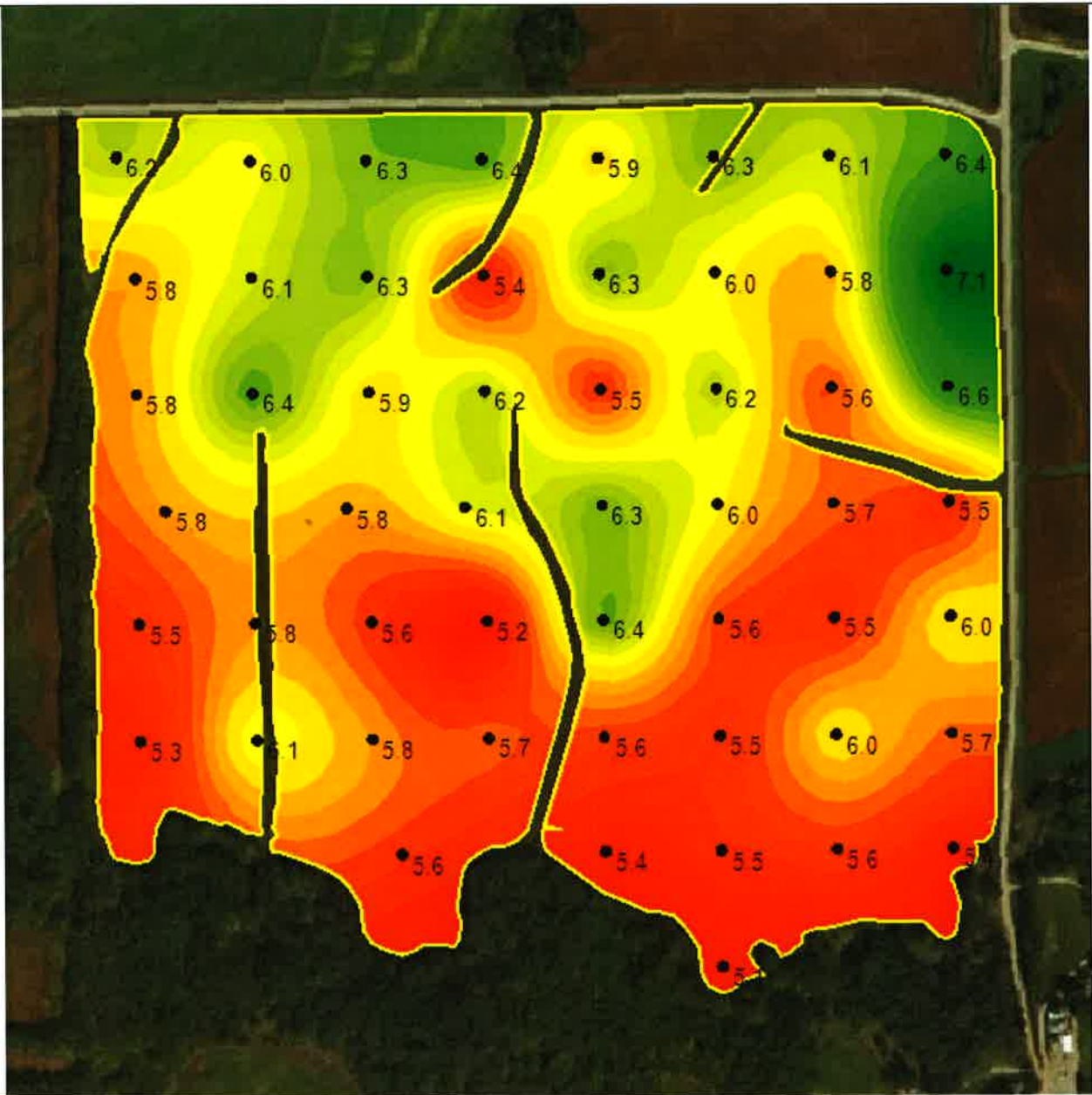
Grower: Thoms Farms
Farm: Sec 34-11-10
Field: Wabash
Area: 127.56 ac



One in = 477 feet
0 216 431 647 862 1078

— Field Boundary
● Soil Test Points

pH



Grower: Thoms Farms
 Farm: Sec 34-11-10
 Field: Wabash
 Area: 127.56 ac

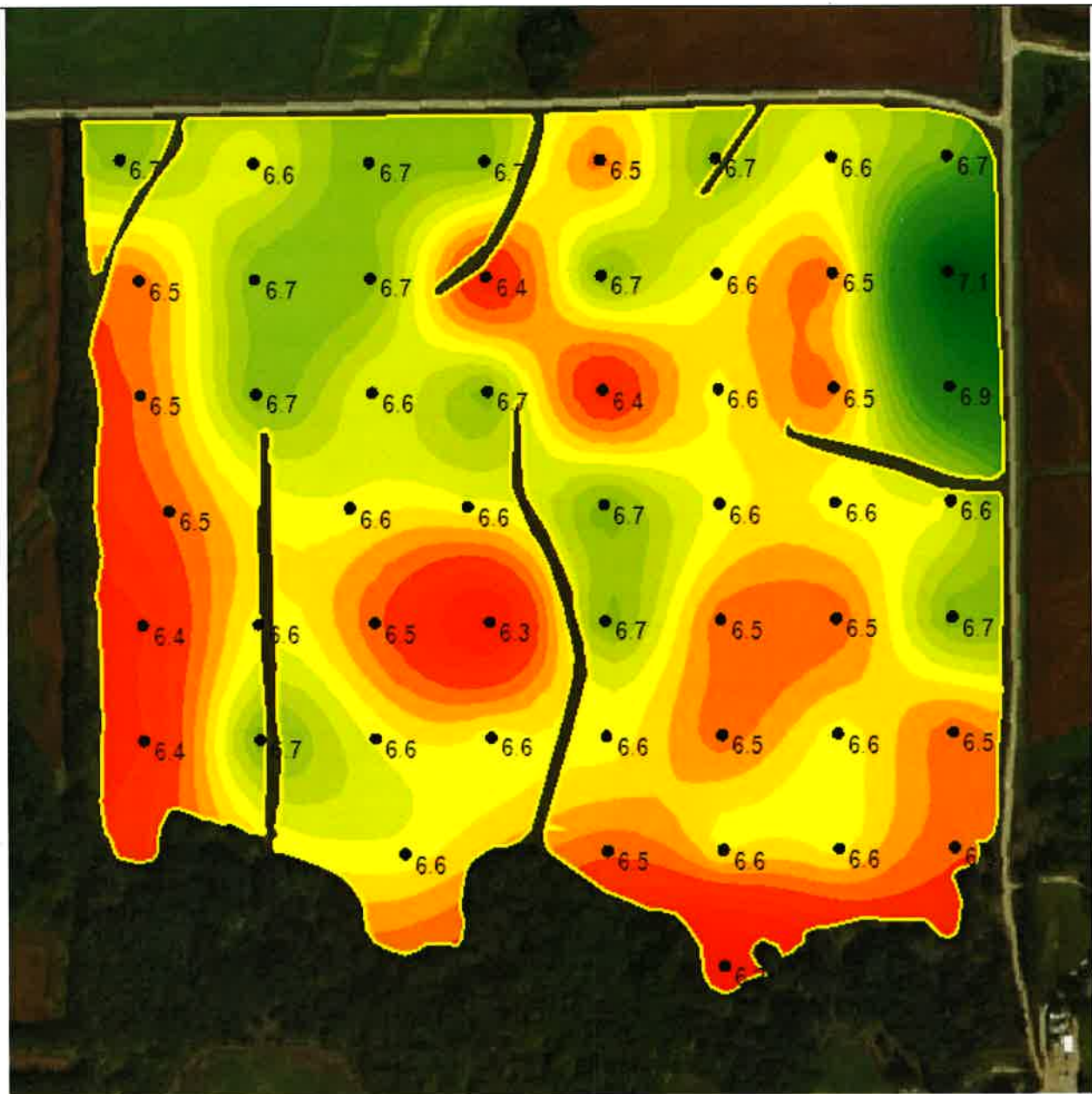
Season: 2023
 Min: 5.10
 Avg: 5.88
 Max: 7.07



One in = 477 feet
 0 216 431 647 862 1078

Field Boundary
pH
5.1 - 5.6 (31.5 ac) (24.7%)
5.6 - 5.9 (37.0 ac) (29.0%)
5.9 - 6.1 (31.3 ac) (24.5%)
6.1 - 6.4 (23.6 ac) (18.5%)
6.4 - 7.1 (4.2 ac) (3.3%)

BpH



Grower: Thoms Farms
 Farm: Sec 34-11-10
 Field: Wabash
 Area: 127.56 ac

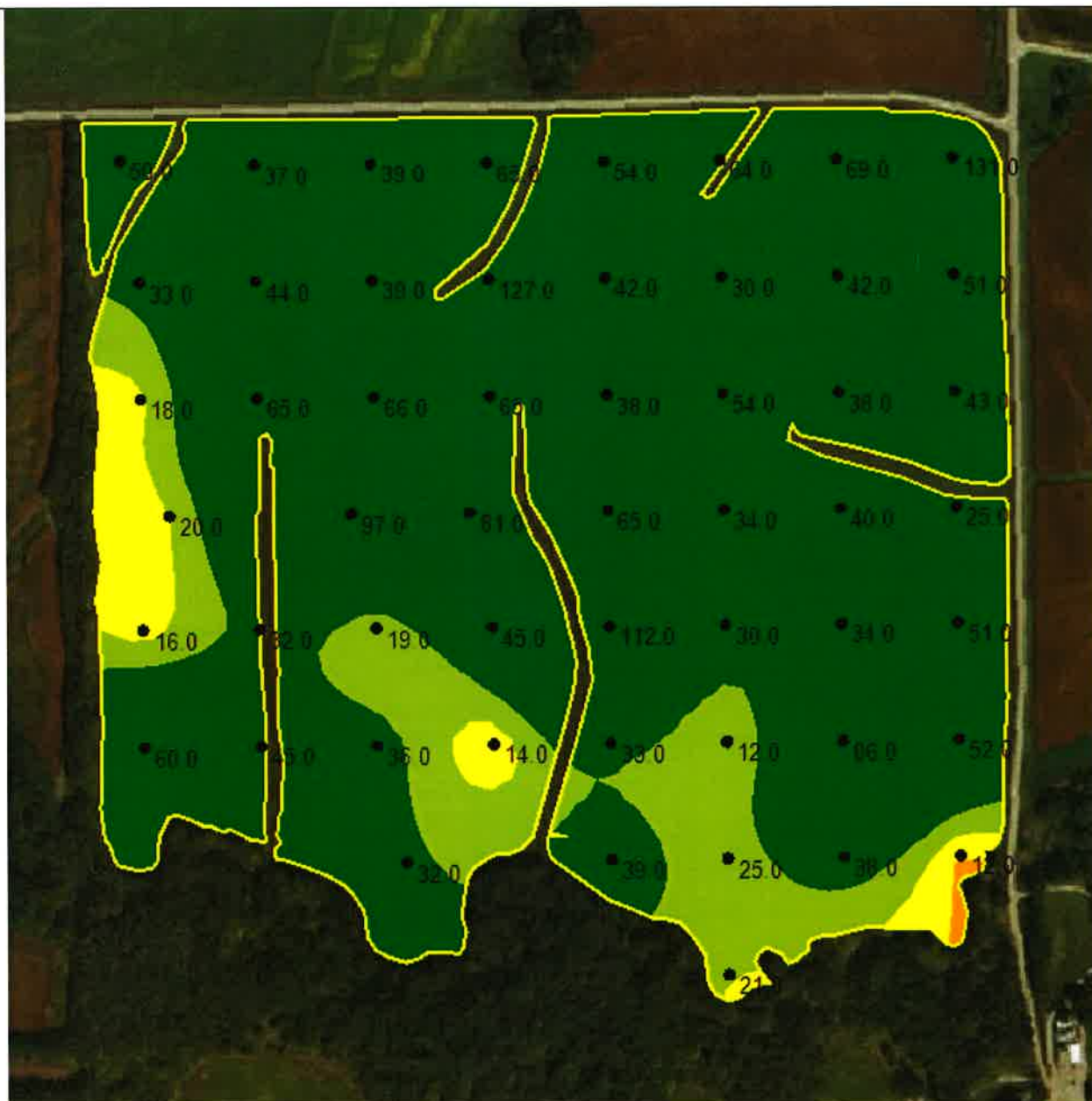
Season: 2023
 Min: 6.21
 Avg: 6.59
 Max: 7.09



One in = 477 feet
 0 216 431 647 862 1078

Field Boundary	
BpH	
6.2 - 6.5 (12.4 ac) (9.7%)	
6.5 - 6.6 (33.2 ac) (26.0%)	
6.6 - 6.6 (46.5 ac) (36.5%)	
6.6 - 6.8 (31.1 ac) (24.4%)	
6.8 - 7.1 (4.4 ac) (3.4%)	

P Bray 1



Grower: Thoms Farms
Farm: Sec 34-11-10
Field: Wabash
Area: 127.56 ac

Season: 2023
Min: 12.25 ppm
Avg: 47.15 ppm
Max: 128.82 ppm

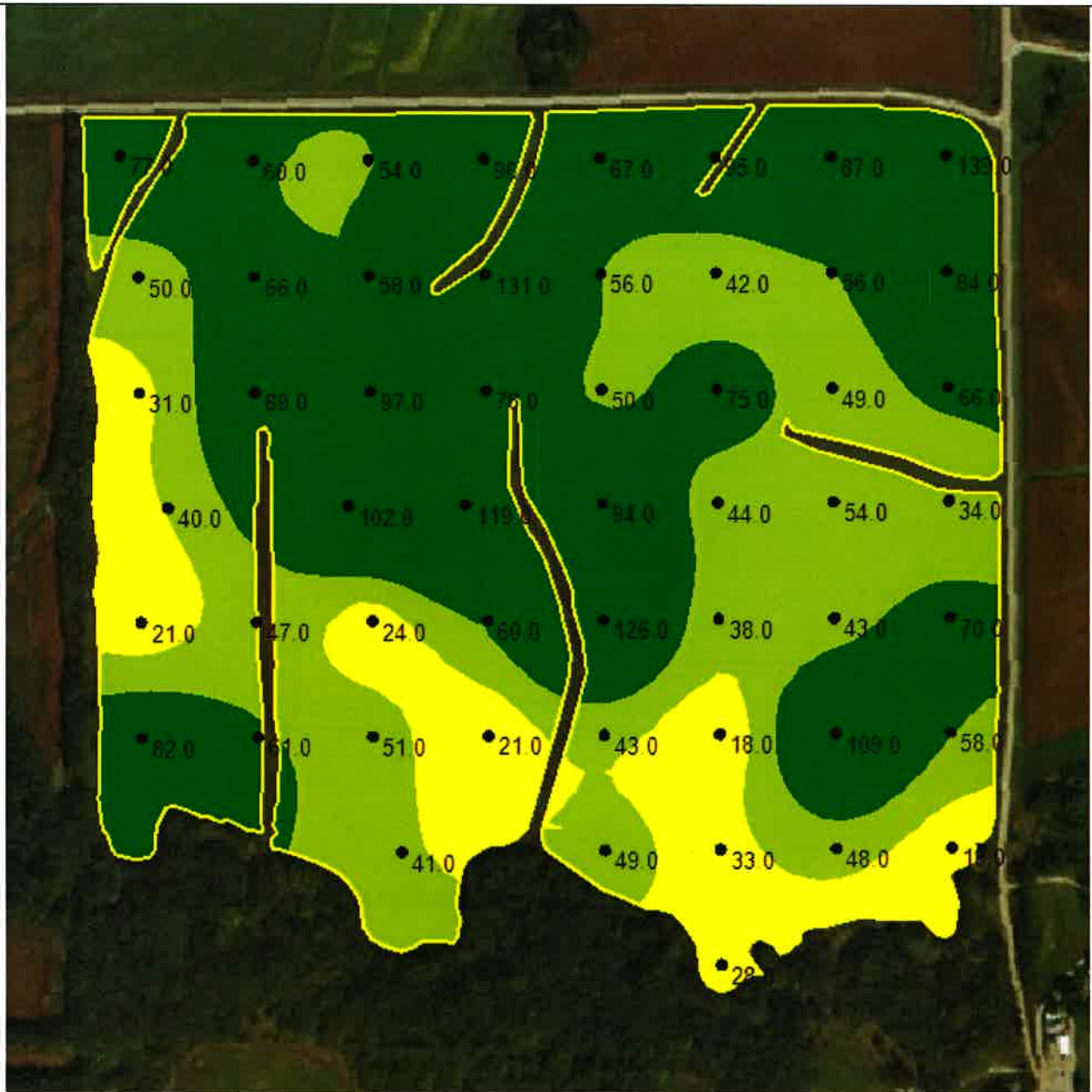


One in = 477 feet



- Field Boundary
P Bray 1 ppm
- | |
|------------------------------------|
| ≤ 7 Very Low (0.0 ac) (0.0%) |
| 8 - 14 Low (0.4 ac) (0.3%) |
| 15 - 21 Medium (5.0 ac) (3.9%) |
| 22 - 30 High (15.8 ac) (12.3%) |
| > 30 Very High (106.5 ac) (83.5%) |

P Bray 2



Grower: Thoms Farms
 Farm: Sec 34-11-10
 Field: Wabash
 Area: 127.56 ac

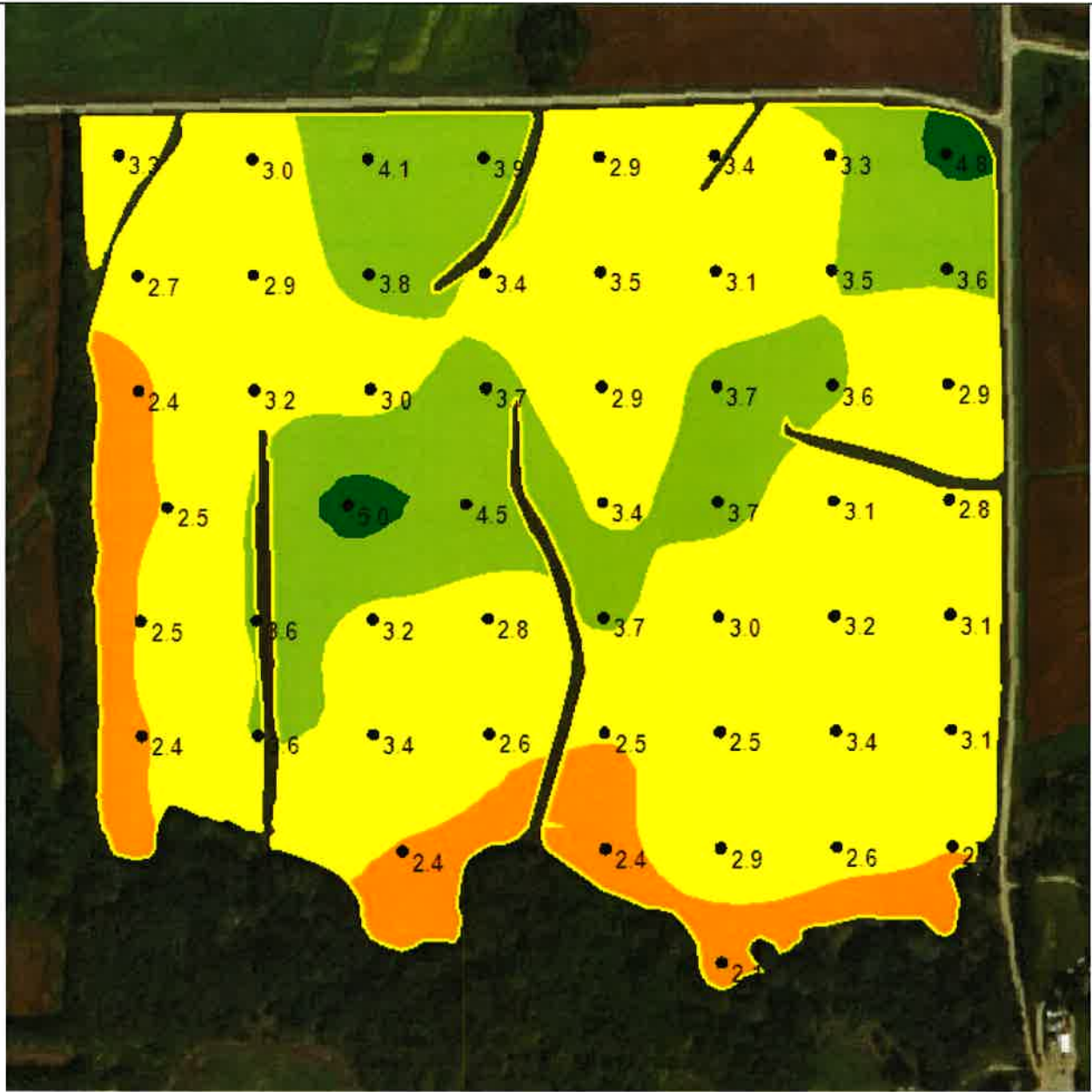
Season: 2023
 Min: 18.88 ppm
 Avg: 62.59 ppm
 Max: 137.54 ppm



One in = 477 feet

	Field Boundary
	P Bray 2 ppm
	<= 7 Very Low (0.0 ac) (0.0%)
	8 - 19 Low (0.0 ac) (0.0%)
	20 - 39 Medium (18.7 ac) (14.7%)
	40 - 58 High (42.2 ac) (33.1%)
	> 58 Very High (66.7 ac) (52.3%)

OM

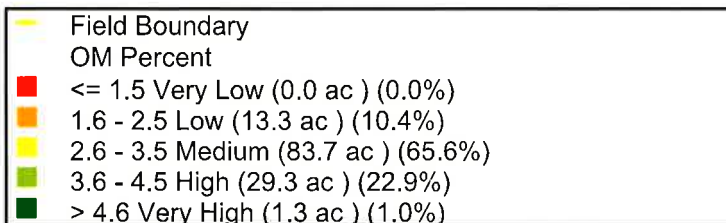


Grower: Thoms Farms
Farm: Sec 34-11-10
Field: Wabash
Area: 127.56 ac

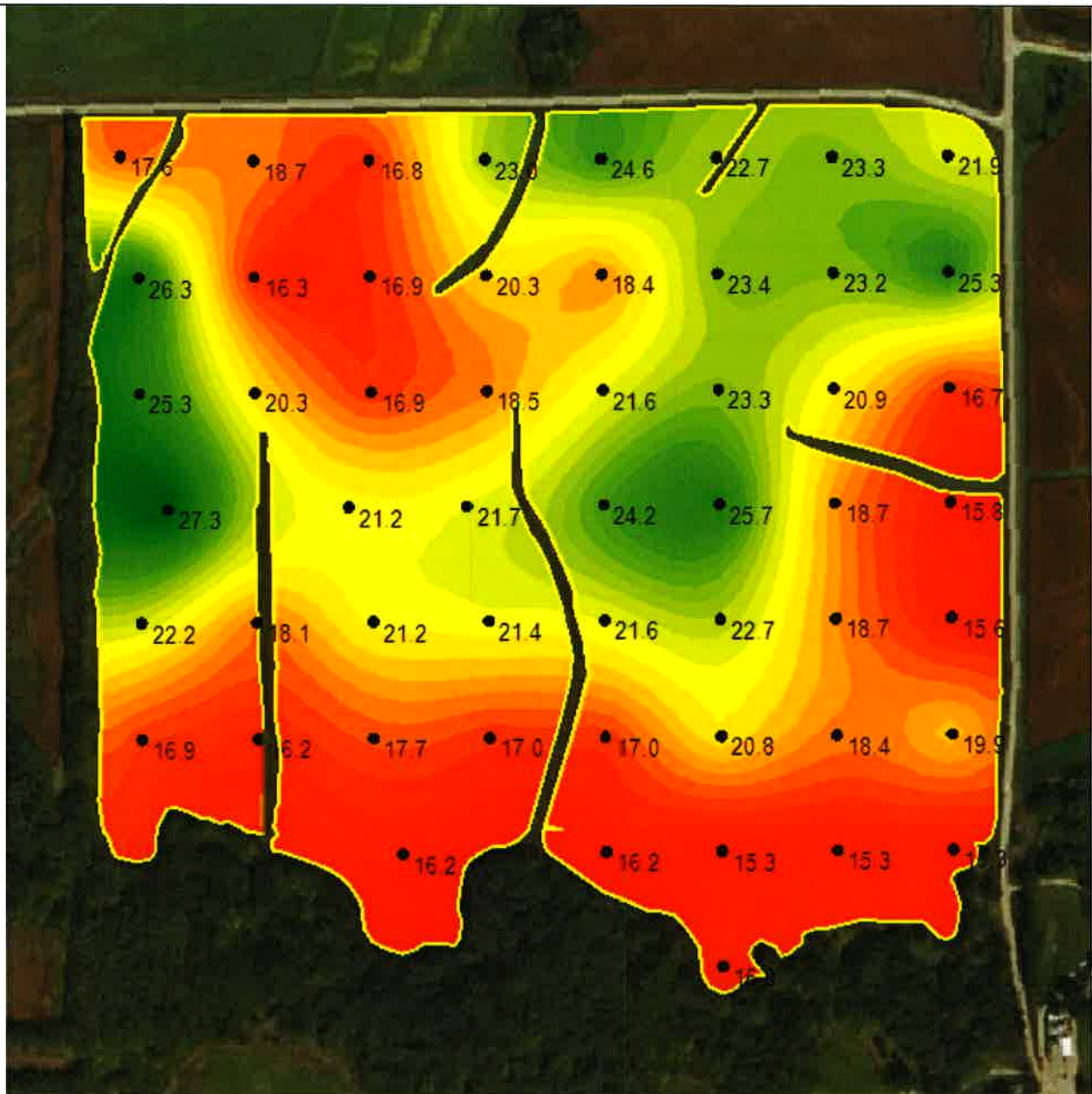
Season: 2023
Min: 2.07 Percent
Avg: 3.19 Percent
Max: 4.81 Percent



One in = 477 feet
0 216 431 647 862 1078



CEC



Grower: Thoms Farms
 Farm: Sec 34-11-10
 Field: Wabash
 Area: 127.56 ac

Season: 2023
 Min: 14.80 meq/100 g
 Avg: 19.91 meq/100 g
 Max: 27.00 meq/100 g



One in = 477 feet
 0 216 431 647 862 1078

Field Boundary	
CEC meq/100 g	
14.8 - 17.5 (34.8 ac) (27.3%)	
17.5 - 19.9 (31.4 ac) (24.6%)	
19.9 - 22.2 (26.2 ac) (20.6%)	
22.2 - 24.3 (27.3 ac) (21.4%)	
24.3 - 27 (7.8 ac) (6.1%)	

K

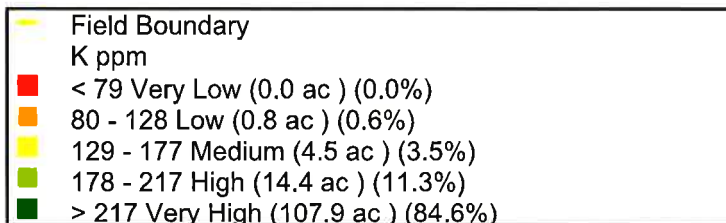


Grower: Thoms Farms
Farm: Sec 34-11-10
Field: Wabash
Area: 127.56 ac

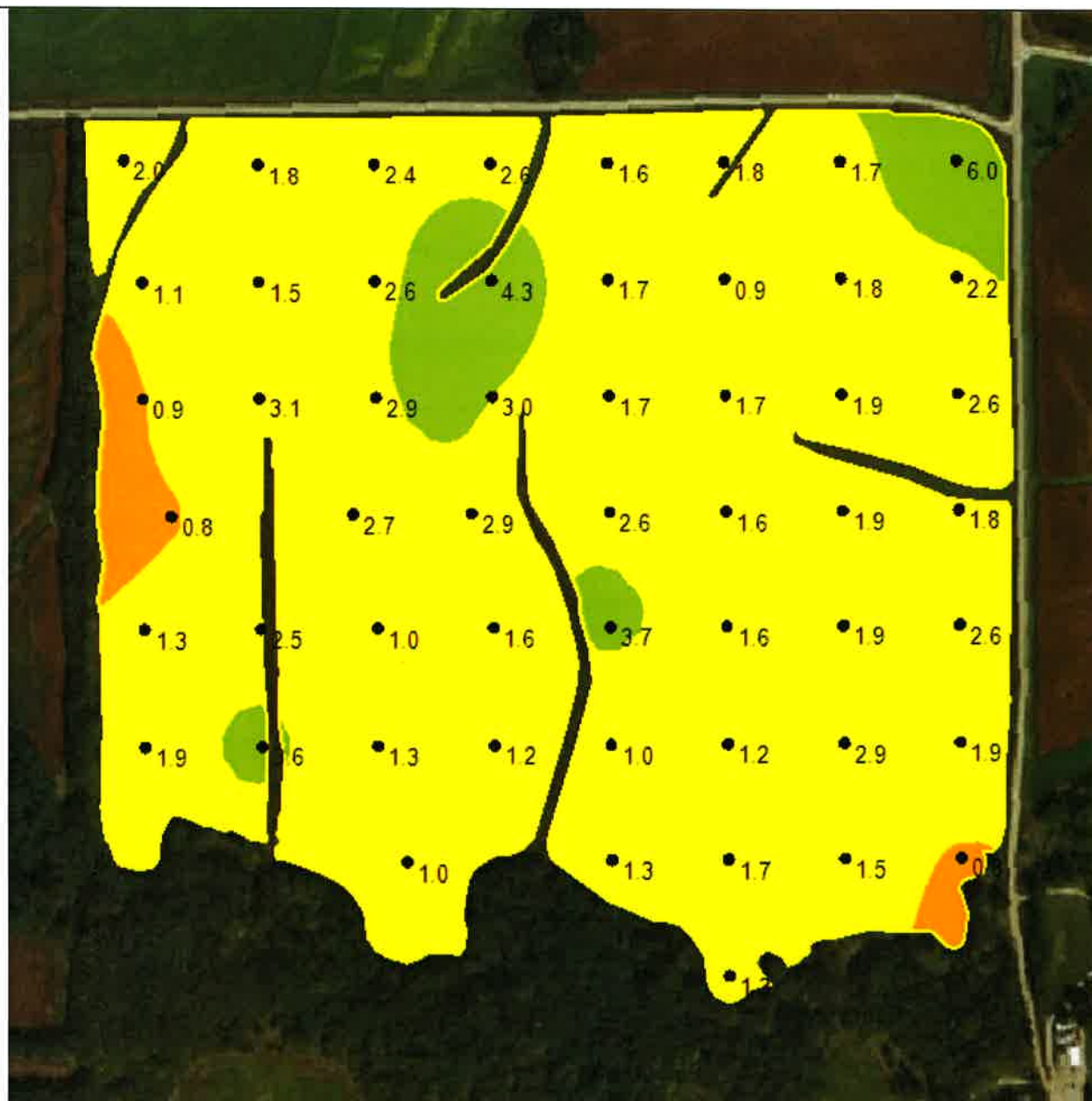
Season: 2023
Min: 112.53 ppm
Avg: 278.19 ppm
Max: 488.58 ppm



One in = 477 feet
0 216 431 647 862 1078



Zn



Grower: Thoms Farms
 Farm: Sec 34-11-10
 Field: Wabash
 Area: 127.56 ac

Season: 2023
 Min: 0.67 ppm
 Avg: 2.00 ppm
 Max: 5.81 ppm

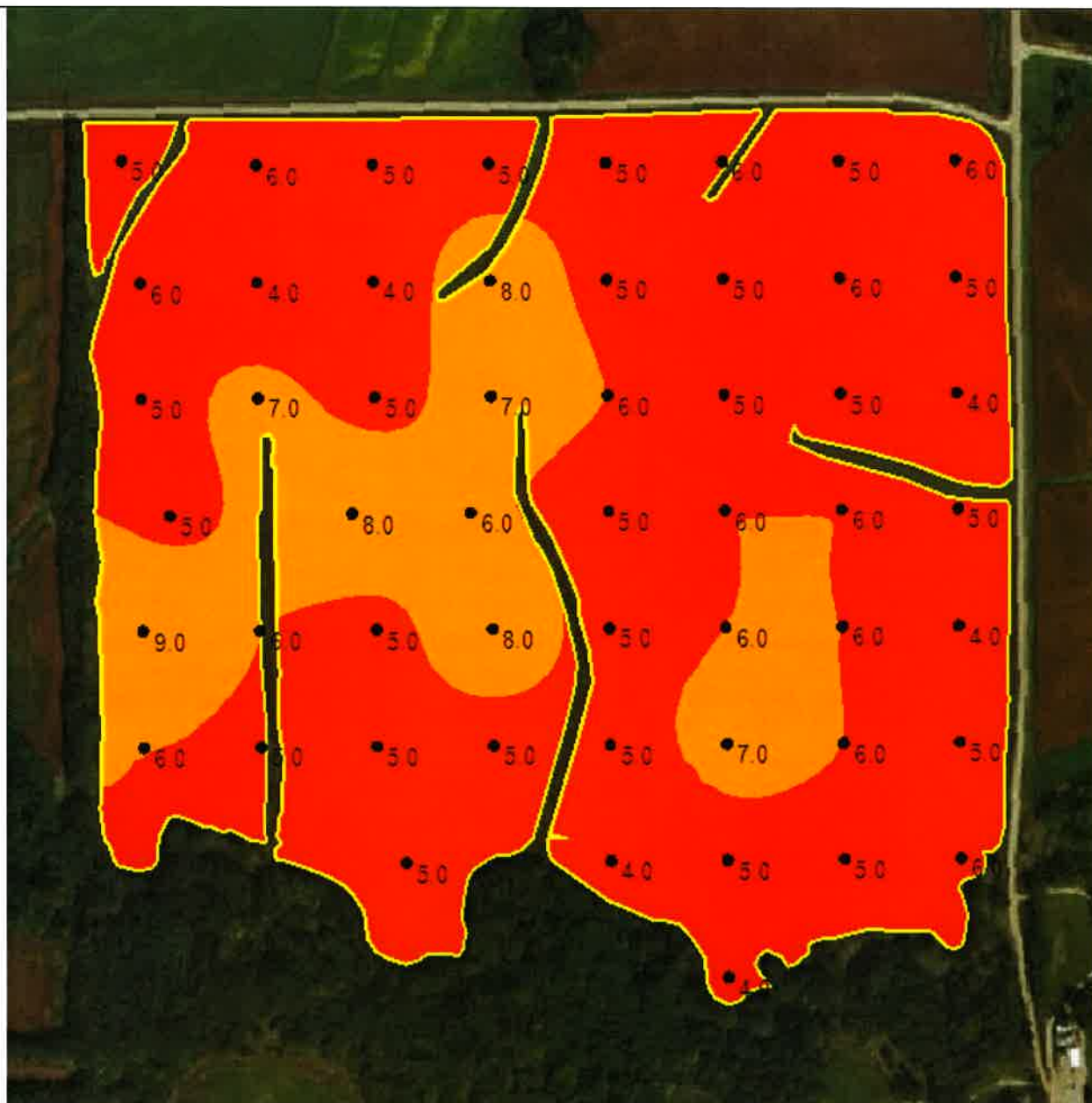


One in = 477 feet

0 216 431 647 862 1078

—	Field Boundary
	Zn ppm
■	0 - 0.5 Very Low (0.0 ac) (0.0%)
■	0.6 - 1.0 Low (4.3 ac) (3.3%)
■	1.1 - 3.0 Medium (114.3 ac) (89.6%)
■	3.1 - 6.0 High (9.0 ac) (7.0%)
■	> 6.0 Very High (0.0 ac) (0.0%)

S



Grower: Thoms Farms
Farm: Sec 34-11-10
Field: Wabash
Area: 127.56 ac

Season: 2023
Min: 3.97 ppm
Avg: 5.54 ppm
Max: 8.72 ppm



One In = 477 feet
0 216 431 647 862 1078

—	Field Boundary
S ppm	
■	0 - 6 Very Low (97.6 ac) (76.5%)
■	7 - 12 Low (29.9 ac) (23.5%)
■	13 - 18 Medium (0.0 ac) (0.0%)
■	19 - 24 High (0.0 ac) (0.0%)
■	> 24 Very High (0.0 ac) (0.0%)

Mg

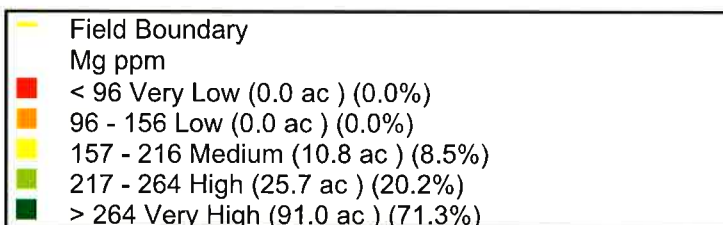


Grower: Thoms Farms
 Farm: Sec 34-11-10
 Field: Wabash
 Area: 127.56 ac

Season: 2023
 Min: 184.53 ppm
 Avg: 343.71 ppm
 Max: 682.23 ppm



One in = 477 feet
 0 216 431 647 862 1078



Mn



Grower: Thoms Farms
 Farm: Sec 34-11-10
 Field: Wabash
 Area: 127.56 ac

Season: 2023
 Min: 8.25 ppm
 Avg: 16.59 ppm
 Max: 26.62 ppm



One in = 477 feet
 0 216 431 647 862 1078

Field Boundary
Mn ppm
0 - 4 Very Low (0.0 ac) (0.0%)
5 - 8 Low (0.0 ac) (0.0%)
9 - 12 Medium (7.1 ac) (5.6%)
13 - 30 High (120.4 ac) (94.4%)
> 30 Very High (0.0 ac) (0.0%)

B



Grower: Thoms Farms
Farm: Sec 34-11-10
Field: Wabash
Area: 127.56 ac

Season: 2023
Min: 0.19 ppm
Avg: 0.28 ppm
Max: 0.41 ppm



One in = 477 feet
0 216 431 647 862 1078

Field Boundary
B ppm
0 - 0.3 Very Low (89.9 ac) (70.5%)
0.4 - 0.7 Low (37.7 ac) (29.5%)
0.8 - 1.2 Medium (0.0 ac) (0.0%)
1.3 - 2.0 High (0.0 ac) (0.0%)
> 2.0 Very High (0.0 ac) (0.0%)

Shipping Via.

Invoice

25931

Invoice Date 11/18/2022
Due Date 12/15/2022

Customer ID thoron

THOMS FARMS (2213276)
RONALD THOMS
35020 HAVELOCK AVE.
WEEPING WATER, NE 68463-2510

Shipping Loc. Platt

Acres 127.52 Soybeans
Ticket(s) 449443775

Comments: 2022 Grid Sampling

Quantity	Description	Unit Price	Total \$
127.500 Acre	GRID SAMPLING PACKAGE (215835)	10.50 /Acre	1,338.75

Sub Total 1,338.75

Paid Amount Due 1,338.75

Reimburse to Ron

THOMS FARMS (2213276)

Invoice

25931

REPORT NUMBER
22-311-0814
COMPLETED DATE
Nov 9, 2022
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Nov 7, 2022

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Nov 09, 2022

WILBUR ELLIS GRID ACCT
606 WILES RD
PLATSMOUTH NE 68048

IDENTIFICATION
THOMS FARMS
SEC 34-11-10
WABASH

SOIL ANALYSIS REPORT

NITRATE-N (FIA)																							
SURFACE		SUBSOIL 1				SUBSOIL 2		SULFUR S ICAP		ZINC Zn DTPA		MANGANESE Mn DTPA		IRON Fe DTPA		COPPER Cu DTPA		BORON B SORB. DTPA		EXCESS LIME RATE		SOLUBLE SALTS 1:1 mmhos/cm RATE	
LAB NUMBER	SAMPLE IDENTIFICATION	ORGANIC MATTER L.O.I. Percent RATE	P ₁ (WEAK BRAY) 1:7 ppm RATE	P ₂ (STRONG BRAY) 1:7 ppm RATE	OLSEN P _P BICARBONATE ppm RATE	K ppm RATE	Mg ppm RATE	Ca ppm RATE	Na ppm RATE	SOIL pH 1:1	BUFFER INDEX	CATION EXCHANGE CAPACITY CEC meq/100g	PERCENT K %	Mg %	Ca %	H %	Na %						
406																							
00243	1	4.8 VH	131 VH	139 VH		230 H	313 VH	3331 H		6.4	6.7	21.9	2.7	11.9	76.1	9.3							
00244	2	3.6 H	51 VH	84 VH		255 H	660 VH	3824 H		7.1		25.3	2.6	21.7	75.7	0.0							
00245	3	2.9 M	43 VH	66 VH		312 VH	242 H	2567 H		6.6	6.9	16.7	4.8	12.1	76.9	6.2							
00246	4	2.8 M	25 H	34 M		261 VH	193 M	1879 M		5.5	6.6	15.8	4.2	10.2	59.5	26.1							
00247	5	3.1 M	51 VH	70 VH		410 VH	194 M	2124 H		6.0	6.7	15.6	6.7	10.4	68.1	14.8							
00248	6	3.1 M	52 VH	58 H		322 VH	339 VH	2414 M		5.7	6.5	19.9	4.1	14.2	60.7	21.0							
00249	7	2.5 L	12 L	19 L		193 VH	205 H	1745 M		5.4	6.5	15.3	3.2	11.2	57.0	28.6							
00250	8	2.6 M	38 VH	48 H		387 VH	205 H	1809 M		5.6	6.6	15.3	6.5	11.2	59.1	23.2							
00251	9	3.4 M	86 VH	109 VH		419 VH	272 VH	2452 M		6.0	6.6	18.4	5.8	12.3	66.6	15.3							
00252	10	3.2 M	34 VH	43 H		230 VH	285 VH	2174 M		5.5	6.5	18.7	3.2	12.7	58.1	26.0							

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WILBUR ELLIS GRID ACCT
606 WILES RD
PLATSMOUTH NE 68048

IDENTIFICATION
THOMAS FARMS
SEC 34-11-10
WABASH

SOIL ANALYSIS REPORT

INFO SHEET: 1222008																
NEUTRAL AMMONIUM ACETATE (EXCHANGEABLE)										INFO SHEET: 1222008						
LAB NUMBER	SAMPLE IDENTIFICATION	ORGANIC MATTER L.O.I.	PHOSPHORUS			POTASSIUM K	MAGNESIUM Mg	CALCIUM Ca	SODIUM Na	pH		CATION EXCHANGE CAPACITY CEC	PERCENT BASE SATURATION (COMPUTED)			
			P ₁ (WEAK BRAV) 1:7	P ₂ (STRONG BRAV) 1:7	OLSEN BICARBONATE P					SOIL pH 1:1	BUFFER INDEX		% K	% Mg	% Ca	% H
406		Percent RATE	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	meq/100g				
00253	11	3.1 M	40 VH	54 H		224 VH	321 VH	2318 M		5.7	6.6	18.7	3.1	14.3	62.0	20.6
00254	12	3.6 H	38 VH	49 H		261 VH	353 VH	2468 M		5.6	6.5	20.9	3.2	14.1	59.0	23.7
00255	13	3.5 M	42 VH	56 H		282 VH	475 VH	2833 M		5.8	6.5	23.2	3.1	17.1	61.1	18.7
00256	14	3.3 M	69 VH	87 VH		229 H	477 VH	3085 M		6.1	6.6	23.3	2.5	17.1	66.2	14.2
00257	15	3.4 M	64 VH	95 VH		359 VH	461 VH	3113 H		6.3	6.7	22.7	4.1	16.9	68.6	10.4
00258	16	3.1 M	30 H	42 H		275 VH	476 VH	3042 M		6.0	6.6	23.4	3.0	17.0	65.0	15.0
00259	17	3.7 H	54 VH	75 VH		420 VH	456 VH	3130 M		6.2	6.6	23.3	4.6	16.3	67.2	11.9
00260	18	3.7 H	34 VH	44 H		341 VH	507 VH	3348 M		6.0	6.6	25.7	3.4	16.4	65.1	15.1
00261	19	3.0 M	30 H	38 M		246 VH	340 VH	2781 M		5.6	6.5	22.7	2.8	12.5	61.3	23.4
00262	20	2.5 L	12 L	18 L		155 M	353 VH	2420 M		5.5	6.5	20.8	1.9	14.1	58.2	25.8
LAB NUMBER	NITRATE-N (F/A)								SULFUR S ICA ^P	ZINC Zn DTPA	MANGANESE Mn DTPA	IRON Fe DTPA	COPPER Cu DTPA	BORON B SORB. DTPA	EXCESS LIME RATE	SOLUBLE SALTS 1:1 mmhos/cm
	SURFACE		SUBSOIL 1			SUBSOIL 2										
406		ppm	lbs/A	depth (in)	ppm	depth (in)	ppm	depth (in)	ppm	ppm	ppm	ppm	ppm	ppm	ppm	mmhos/cm
00253		0-8							6 VL	1.9 M	16 H			0.3 VL		
00254		0-8							5 VL	1.9 M	17 H			0.3 VL		
00255		0-8							6 VL	1.8 M	17 H			0.3 VL		
00256		0-8							5 VL	1.7 M	13 H			0.3 VL		
00257		0-8							6 VL	1.8 M	17 H			0.4 VL		
00258		0-8							5 VL	0.9 L	12 M			0.3 VL		
00259		0-8							5 VL	1.7 M	10 M			0.3 VL		
00260		0-8							6 VL	1.6 M	14 H			0.3 VL		
00261		0-8							6 VL	1.6 M	16 H			0.3 VL		
00262		0-8							7 L	1.2 M	14 H			0.2 VL		

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WILBUR ELLIS GRID ACCT
606 WILES RD
PLATTSMOUTH NE 68048

IDENTIFICATION
THOMS FARMS
SEC 34-11-10
WABASH

SOIL ANALYSIS REPORT

INFO SHEET: 122003																								
NEUTRAL AMMONIUM/NITRATE/EXCHANGEABLE										PERCENT BASE SATURATION (COMPUTED)														
LAB NUMBER	SAMPLE IDENTIFICATION	ORGANIC MATTER L.O.I.	PHOSPHORUS			POTASSIUM	MAGNESIUM	CALCIUM	SODIUM	pH		CATION EXCHANGE CAPACITY CEC												
			P ₁ (WEAK BRAY) 1:7 ppm RATE	P ₂ (STRONG BRAY) 1:7 ppm RATE	OLSEN P _P BICARBONATE ppm RATE	K ppm RATE	Mg ppm RATE	Ca ppm RATE	Na ppm RATE	SOIL pH 1:1	BUFFER INDEX		% K	% Mg	% Ca	% H	% Na							
LAB NUMBER	SURFACE	depth (in)	NITRATE-N (FIA)						SULFUR S ICAP ppm RATE	ZINC		MANGANESE	IRON	COPPER	BORON	EXCESS LIME RATE	SOLUBLE SALTS 1:1 mmhos/cm RATE							
			SUBSOIL 1			SUBSOIL 2				Total lbs/A	Zn DTPA ppm RATE	Mn DTPA ppm RATE	Fe DTPA ppm RATE	Cu DTPA ppm RATE	B SOREB DTPA ppm RATE									
			ppm	lbs/A	depth (in)	ppm	lbs/A	depth (in)																
406																								
00263		0-8						5 VL	1.7 M	20 H				0.2 VL										
00264		0-8						4 VL	1.3 M	24 H				0.2 VL										
00265		0-8						4 VL	1.3 M	23 H				0.2 VL										
00266		0-8						5 VL	1.0 L	17 H				0.3 VL										
00267		0-8						5 VL	3.7 H	14 H				0.3 VL										
00268		0-8						5 VL	2.6 M	12 M				0.3 VL										
00269		0-8						6 VL	1.7 M	16 H				0.2 VL										
00270		0-8						5 VL	1.7 M	12 M				0.3 VL										
00271		0-8						5 VL	1.6 M	13 H				0.3 VL										
00272		0-8						5 VL	2.6 M	12 M				0.3 VL										

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606 WILES RD
PLATSMOUTH NE 68048

IDENTIFICATION
THOMAS FARMS
SEC 34-11-10
WABASH

SOIL ANALYSIS REPORT

INFORMO SHEET: 122003																	
LAB NUMBER	SAMPLE IDENTIFICATION	ORGANIC MATTER L.O.I. Percent RATE	PHOSPHORUS			POTASSIUM K ppm RATE	MAGNESIUM Mg ppm RATE	CALCIUM Ca ppm RATE	SODIUM Na ppm RATE	pH		CATION EXCHANGE CAPACITY CEC meq/100g	PERCENT BASE SATURATION (COMPUTED)				
			P ₁ (MEAK BRAY) 1:7 ppm RATE	P ₂ (STRONG BRAY) 1:7 ppm RATE	OLSEN BICARBONATE P ppm RATE					SOIL pH 1:1	BUFFER INDEX		% K	% Mg	% Ca	% H	% Na
406																	
00274	31	3.4 M	127 VH	131 VH		265 VH	242 H	2359 M		5.4	6.4	20.3	3.3	9.9	58.1	28.7	
00275	32	3.7 H	65 VH	78 VH		372 VH	317 VH	2534 H		6.2	6.7	18.5	5.2	14.3	68.5	12.0	
00276	33	4.5 H	81 VH	119 VH		360 VH	442 VH	2813 M		6.1	6.6	21.7	4.3	17.0	64.8	13.9	
00277	34	2.8 M	45 VH	60 VH		242 VH	305 VH	2164 M		5.2	6.3	21.4	2.9	11.9	50.6	34.6	
00278	35	2.6 M	14 L	21 M		252 VH	259 VH	2124 M		5.7	6.6	17.0	3.8	12.7	62.5	21.0	
00279	36	2.4 L	32 VH	41 H		188 H	222 H	2022 M		5.6	6.6	16.2	3.0	11.4	62.4	23.2	
00280	37	3.4 M	36 VH	51 H		192 H	313 VH	2247 M		5.8	6.6	17.7	2.8	14.7	63.5	19.0	
00281	38	3.2 M	19 M	24 M		230 VH	377 VH	2490 M		5.6	6.5	21.2	2.8	14.8	58.7	23.7	
00282	39	5.0 VH	97 VH	102 VH		320 VH	399 VH	2615 M		5.8	6.6	21.2	3.9	15.7	61.7	18.7	
00283	40	3.0 M	66 VH	97 VH		323 VH	246 H	2234 M		5.9	6.6	16.9	4.9	12.1	66.1	16.9	
LAB NUMBER	NITRATE-N (FIA)																
	SURFACE		SUBSOIL 1		SUBSOIL 2		SULFUR S ICAP ppm RATE	ZINC Zn DTPA ppm RATE	MANGANESE Mn DTPA ppm RATE	IRON Fe DTPA ppm RATE	COPPER Cu DTPA ppm RATE	BORON B SOER, DTPA ppm RATE	EXCESS LIME RATE	SOLUBLE SALTS 1:1 mmhos/cm RATE			
	depth (in)	ppm	depth (in)	ppm	depth (in)	ppm										Total lbs/A	
406	ppm	lbs/A	depth (in)	ppm	depth (in)	ppm	lbs/A	depth (in)	ppm	lbs/A	depth (in)	ppm	depth (in)	ppm	depth (in)	ppm	depth (in)
00274			0-8						8 L	4.3 H	27 H						
00275			0-8						7 L	3.0 M	19 H						
00276			0-8						6 VL	2.9 M	18 H						
00277			0-8						8 L	1.6 M	27 H						
00278			0-8						5 VL	1.2 M	22 H						
00279			0-8						5 VL	1.0 L	18 H						
00280			0-8						5 VL	1.3 M	17 H						
00281			0-8						5 VL	1.0 L	17 H						
00282			0-8						8 L	2.7 M	22 H						
00283			0-8						5 VL	2.9 M	17 H						

REV.10/17

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REPORT NUMBER
22-311-0814
COMPLETED DATE
Nov 9, 2022
RECEIVED DATE
Nov 7, 2022

ACCOUNT
25020



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Nov 09, 2022

WILBUR ELLIS GRID ACCT
606 WILES RD
PLATSMOUTH NE 68048

IDENTIFICATION
THOMS FARMS
SEC 34-11-10
WABASH

SOIL ANALYSIS REPORT

NEUTRAL AMMONIUM/ACETATE/EXCHANGEABLE														INFO SHEET: 122003				
LAB NUMBER	SAMPLE IDENTIFICATION	ORGANIC MATTER L.O.I.	PHOSPHORUS			POTASSIUM	MAGNESIUM	CALCIUM	SODIUM	pH		CATION EXCHANGE CAPACITY CEC	PERCENT BASE SATURATION (COMPUTED)					
			P ₁ (WEAK BRAY) 1:7	P ₂ (STRONG BRAY) 1:7	OLSEN P _P BICARBONATE	K	Mg	Ca	Na	SOIL pH 1:1	BUFFER INDEX		% K	% Mg	% Ca	% H	% Na	
406		Percent RATE	ppm	ppm	ppm	ppm	ppm	ppm	ppm			meq/100g						
00284	41	3.8 H	39 VH	58 H		301 VH	246 H	2452 H		6.3	6.7	16.9	4.6	12.1	72.5	10.8		
00285	42	4.1 H	39 VH	54 H		300 VH	247 H	2431 H		6.3	6.7	16.8	4.6	12.3	72.4	10.7		
00286	43	3.0 M	37 VH	60 VH		302 VH	313 VH	2512 M		6.0	6.6	18.7	4.1	13.9	67.2	14.8		
00287	44	2.9 M	44 VH	66 VH		317 VH	235 H	2236 H		6.1	6.7	16.3	5.0	12.0	68.6	14.4		
00288	45	3.2 M	65 VH	89 VH		339 VH	412 VH	2846 H		6.4	6.7	20.3	4.3	16.9	70.1	8.7		
00289	46	3.6 H	32 VH	47 H		496 VH	301 VH	2180 M		5.8	6.6	18.1	7.0	13.9	60.2	18.9		
00290	47	3.6 H	45 VH	61 VH		259 VH	240 H	2254 H		6.1	6.7	16.2	4.1	12.3	69.6	14.0		
00291	48	2.4 L	60 VH	82 VH		138 M	237 H	1866 M		5.3	6.4	16.9	2.1	11.7	55.2	31.0		
00292	49	2.5 L	16 M	21 M		204 H	467 VH	2396 M		5.5	6.4	22.2	2.4	17.5	54.0	26.1		
00293	50	2.5 L	20 M	40 H		248 H	697 VH	3125 M		5.8	6.5	27.3	2.3	21.3	57.2	19.2		

LAB NUMBER	NITRATE-N (FIA)										SULFUR S ICAP	ZINC		MANGANESE Mn DTPA	IRON Fe DTPA	COPPER Cu DTPA	BORON		EXCESS LIME RATE	SOLUBLE SALTS 1:1 mmhos/cm RATE					
	SURFACE		SUBSOIL 1				SUBSOIL 2					Total lbs/A	ppm				RATE	ppm			RATE	ppm	RATE	ppm	RATE
	lbs/A	depth (in)	ppm	lbs/A	depth (in)	ppm	lbs/A	depth (in)	ppm	depth (in)															
406	ppm	lbs/A	depth (in)	ppm	lbs/A	depth (in)	ppm	lbs/A	depth (in)	ppm	depth (in)	ppm	depth (in)	ppm	depth (in)	ppm	depth (in)	ppm	depth (in)	ppm	depth (in)				
00284			0-8				4 VL	2.6 M		16 H						0.3 VL									
00285			0-8				5 VL	2.4 M		16 H						0.3 VL									
00286			0-8				6 VL	1.8 M		16 H						0.3 VL									
00287			0-8				4 VL	1.5 M		17 H						0.3 VL									
00288			0-8				7 L	3.1 H		14 H						0.3 VL									
00289			0-8				6 VL	2.5 M		23 H						0.3 VL									
00290			0-8				5 VL	3.6 H		18 H						0.3 VL									
00291			0-8				6 VL	1.9 M		27 H						0.2 VL									
00292			0-8				9 L	1.3 M		17 H						0.3 VL									
00293			0-8				5 VL	0.8 L		13 H						0.2 VL									

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