



Master Soil Book

ER & G Clark Farms

Location	Grower	Farm	Field	Area	Centroid
Home Run Seed & Consulting	Unthank, JJ	ER&G	CMS31	32.17 acres	37.879855, -88.400226



		Min	Max	Avg
P	32.0	86.0	56.1	
K	192.0	346.0	247.6	
Mg	362.0	722.0	512.9	
Ca	3128	4640	3649	
Na	20.0	30.0	24.7	
S	10.0	14.0	12.4	
B	0.6	1.2	0.8	
Cu	2.8	4.4	3.2	
Fe	192.0	476.0	284.1	
Mn	30.0	114.0	56.6	
Zn	1.4	3.2	1.8	
pH	6.2	6.9	6.5	
bpH	6.80	6.90	6.82	
OM	2.2	3.2	2.7	
CEC	9.8	16.1	12.5	
%K	2.1	3.7	2.6	
%Mg	14.0	20.2	16.9	
%Ca	14.0	20.2	16.9	
%H	1.0	11.8	7.0	
%Na	0.3	0.6	0.4	

Sample Date	Soil Lab
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2023-09-01 Waypoint Analytical Illinois

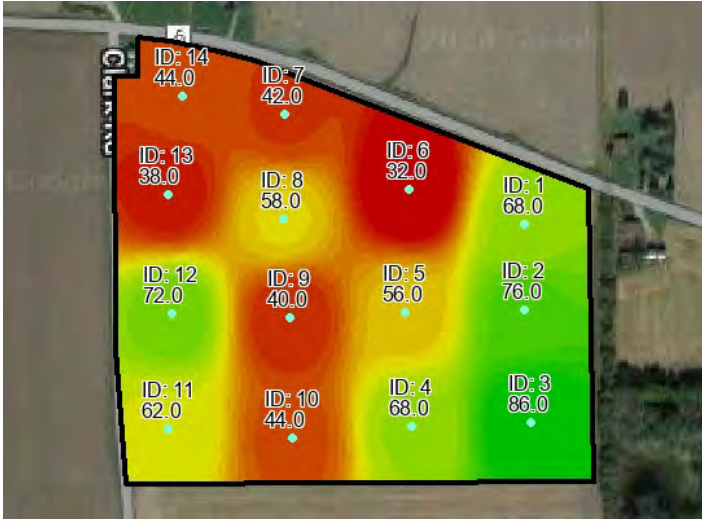
ID	P lbs/ac	K lbs/ac	Mg lbs/ac	Ca lbs/ac	Na lbs/ac	S lbs/ac	B lbs/ac	Cu lbs/ac	Fe lbs/ac	Mn lbs/ac	Zn lbs/ac	pH	bpH	OM %	CEC meq	%K %	%Mg %	%Ca %	%H %	%Na %
1	68.0	264.0	362.0	3128	26.0	12.0	0.8	2.8	378.0	114.0	2.2	6.9	6.90	2.5	9.8	3.5	15.4	15.4	1.0	0.6
2	76.0	278.0	628.0	4062	26.0	14.0	1.0	3.6	370.0	90.0	1.6	6.7	6.90	2.6	13.8	2.6	19.0	19.0	4.3	0.4
3	86.0	296.0	690.0	4640	28.0	14.0	1.2	4.4	476.0	50.0	2.2	6.5	6.80	3.2	16.1	2.4	17.9	17.9	7.5	0.4
4	68.0	274.0	634.0	4300	22.0	14.0	0.8	3.2	222.0	42.0	2.0	6.5	6.80	3.1	14.9	2.4	17.7	17.7	7.4	0.3
5	56.0	268.0	722.0	4242	22.0	14.0	0.8	3.2	220.0	56.0	1.4	6.6	6.80	2.6	14.9	2.3	20.2	20.2	6.0	0.3
6	32.0	218.0	464.0	3544	22.0	12.0	0.8	3.0	192.0	66.0	1.4	6.8	6.90	2.4	11.4	2.5	17.0	17.0	2.6	0.4
7	42.0	210.0	368.0	3234	20.0	12.0	0.6	3.0	280.0	64.0	1.4	6.5	6.80	2.2	10.7	2.5	14.3	14.3	7.5	0.4
8	58.0	244.0	544.0	3880	22.0	10.0	0.8	3.4	272.0	44.0	1.6	6.5	6.80	2.7	13.3	2.4	17.0	17.0	7.5	0.4
9	40.0	192.0	466.0	3288	22.0	12.0	0.6	3.0	292.0	34.0	1.4	6.2	6.80	2.6	11.9	2.1	16.3	16.3	11.8	0.4
10	44.0	228.0	558.0	3314	30.0	10.0	0.8	3.0	262.0	30.0	1.4	6.4	6.80	2.8	12.1	2.4	19.2	19.2	9.1	0.5
11	62.0	226.0	432.0	3232	26.0	12.0	0.6	2.8	272.0	42.0	2.2	6.5	6.80	3.1	11.0	2.6	16.4	16.4	7.3	0.5

ID	P lbs/ac	K lbs/ac	Mg lbs/ac	Ca lbs/ac	Na lbs/ac	S lbs/ac	B lbs/ac	Cu lbs/ac	Fe lbs/ac	Mn lbs/ac	Zn lbs/ac	pH	bpH	OM %	CEC meq	%K %	%Mg %	%Ca %	%H %	%Na %
12	72.0	346.0	400.0	3462	26.0	14.0	0.6	3.2	224.0	50.0	3.2	6.4	6.80	2.7	11.9	3.7	14.0	14.0	9.2	0.5
13	38.0	216.0	454.0	3572	26.0	12.0	0.8	3.0	210.0	48.0	2.0	6.5	6.80	2.7	12.1	2.3	15.6	15.6	7.4	0.5
14	44.0	206.0	458.0	3200	28.0	12.0	0.6	3.0	308.0	62.0	1.6	6.4	6.80	2.7	11.2	2.4	17.0	17.0	8.9	0.5

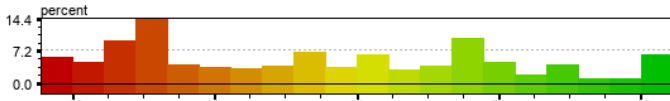
Grower: Unthank, JJ
Farm: ER&G
Field: CMS31
Area: 32.17 ac
Interpolation Method: 1/r4

Lab: Waypoint Analytical
Illinois
Date: 2023-09-01
Layer ID: 4445673

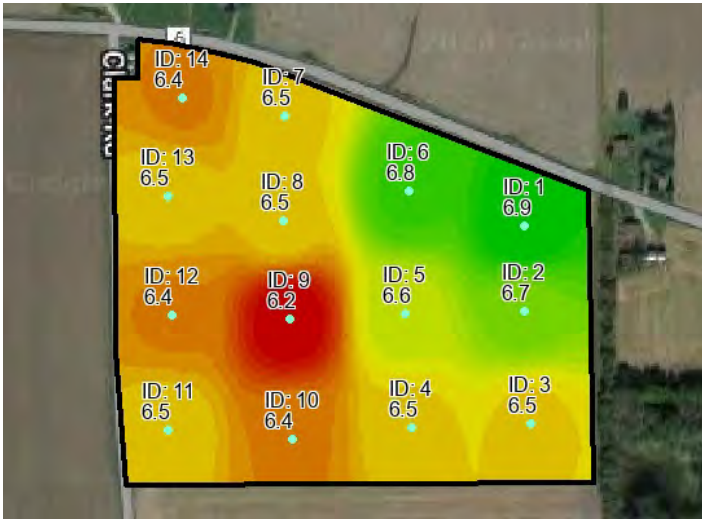
Phosphorous (P) lbs/ac



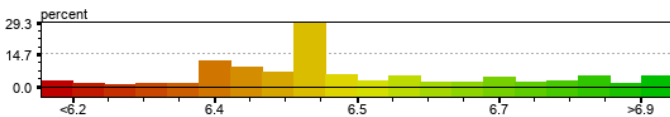
Min: 32.0 Max: 86.0 Avg: 56.1



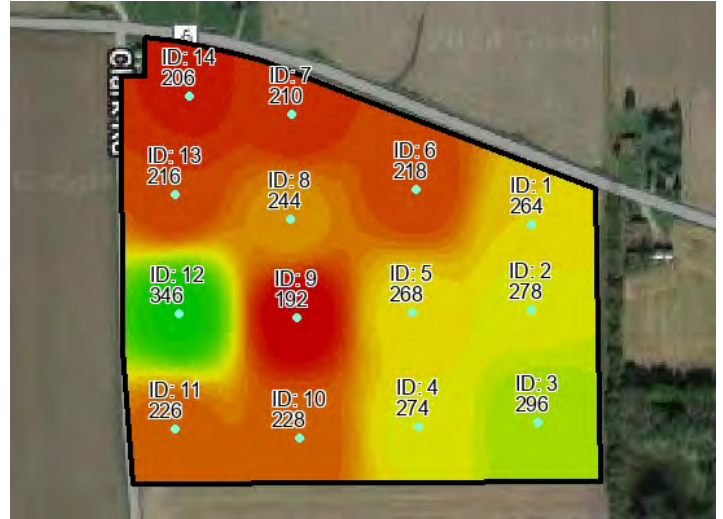
(pH)



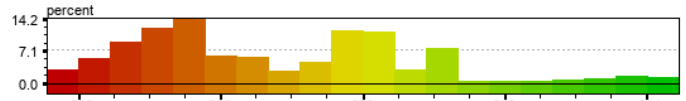
Min: 6.2 Max: 6.9 Avg: 6.5



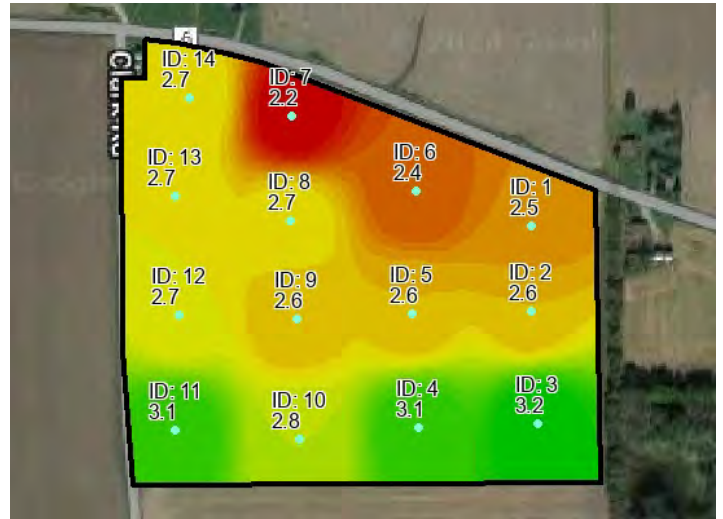
Potassium (K) lbs/ac



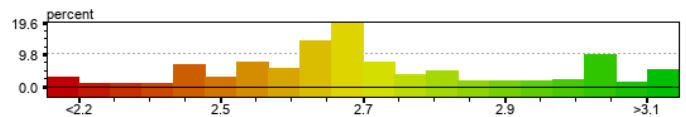
Min: 192.0 Max: 346.0 Avg: 247.6



Organic Matter (OM) %



Min: 2.2 Max: 3.2 Avg: 2.7



Tract 3

Grower: Unthank, JJ

Farm: ER&G

Field: CMS31

Sample ID Map



Date: 2023-09-01

Lab: Waypoint Analytical Illinois

Area: 32.17 acres

Location	Grower	Farm	Field	Area	Centroid
Home Run Seed & Consulting	Unthank, JJ	ER&G	CMS43	42.6 acres	37.883534, -88.39983



		Min	Max	Avg
P	36.0	124.0	60.4	
K	174.0	418.0	281.9	
pH	5.8	7.3	6.5	
bpH	6.80	6.90	6.84	
OM	2.8	4.0	3.4	
CEC	6.5	15.2	11.6	

Sample Date	Soil Lab
2021-09-01	Waypoint Analytical Illinois

ID	P lbs/ac	K lbs/ac	pH	bpH	OM %	CEC meq
1	66.0	282.0	6.6	6.80	4.0	13.8
2	88.0	398.0	6.5	6.80	3.0	13.5
3	124.0	418.0	6.3	6.80	2.9	15.2
4	60.0	350.0	6.5	6.80	3.8	14.5
5	68.0	314.0	6.3	6.80	3.8	12.7
6	46.0	220.0	5.8	6.80	3.5	9.4
7	44.0	174.0	6.3	6.80	3.5	8.7
8	40.0	188.0	6.5	6.80	3.3	10.2
9	52.0	192.0	6.3	6.80	3.4	10.8
10	36.0	238.0	6.7	6.90	3.1	11.0
11	56.0	226.0	6.6	6.90	3.8	12.2

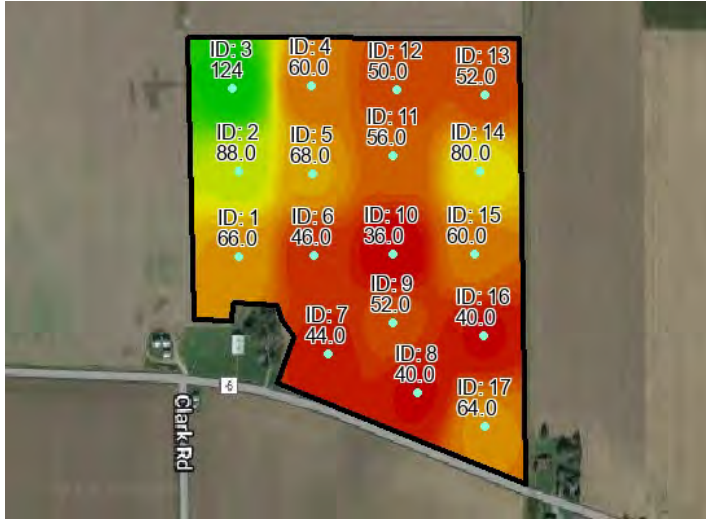
Tract 4

ID	P lbs/ac	K lbs/ac	pH	bpH	OM %	CEC meq
12	50.0	282.0	6.6	6.90	3.0	12.1
13	52.0	322.0	6.7	6.90	3.2	13.3
14	80.0	388.0	6.4	6.80	2.9	14.6
15	60.0	278.0	6.3	6.80	3.2	11.1
16	40.0	202.0	6.6	6.90	2.8	6.9
17	64.0	320.0	7.3	6.90	4.0	6.5

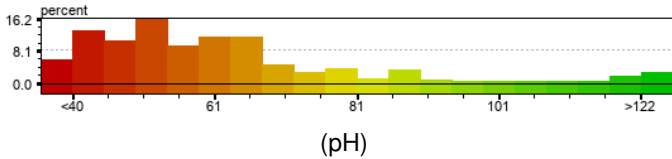
Grower: Unthank, JJ
Farm: ER&G
Field: CMS43
Area: 42.60 ac
Interpolation Method: 1/r4

Lab: Waypoint Analytical
Illinois
Date: 2021-09-01
Layer ID: 4445585

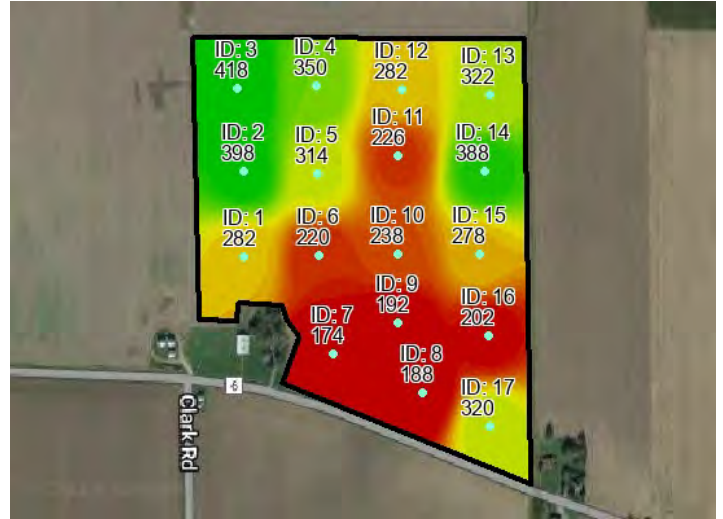
Phosphorous (P) lbs/ac



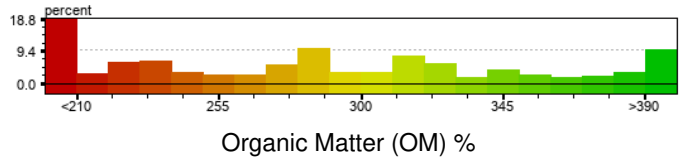
Min: 36.0 Max: 124.0 Avg: 60.4



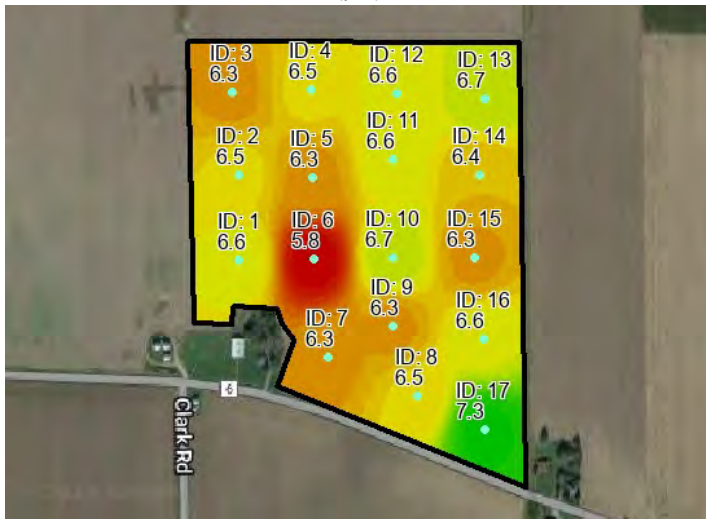
Potassium (K) lbs/ac



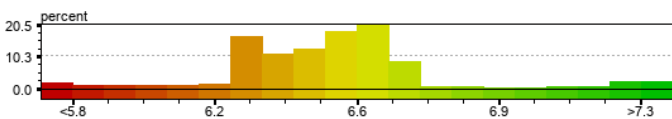
Min: 174.0 Max: 418.0 Avg: 281.9



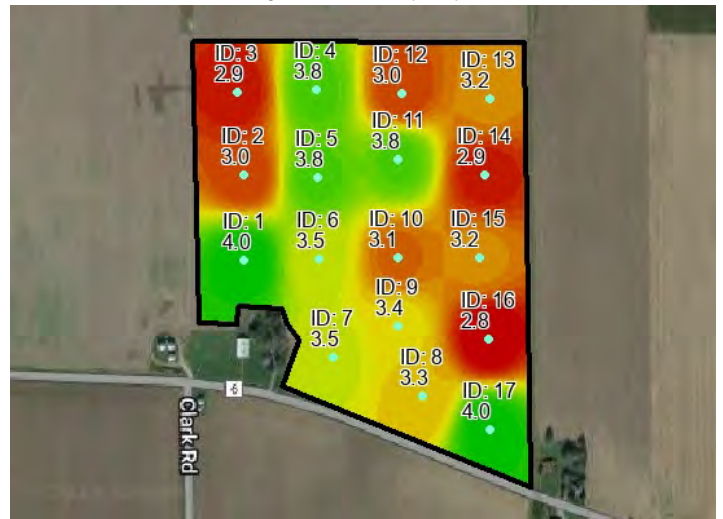
(pH)



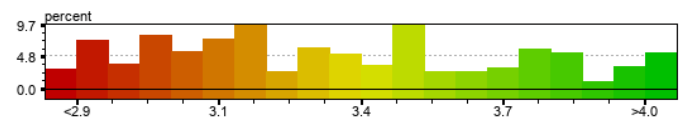
Min: 5.8 Max: 7.3 Avg: 6.5



Organic Matter (OM) %



Min: 2.8 Max: 4.0 Avg: 3.4



Tract 4

Grower: Unthank, JJ

Farm: ER&G

Field: CMS43

Sample ID Map



Date: 2021-09-01

Lab: Waypoint Analytical Illinois

Area: 42.6 acres

Tract 1

Location	Grower	Farm	Field	Area	Centroid
Home Run Seed & Consulting	Unthank, JJ	ER&G	ER&G15	14.25 acres	37.873014, -88.403026



		Min	Max	Avg
P	34.0	46.0	36.8	
K	138.0	212.0	164.8	
pH	6.4	7.0	6.6	
bpH	6.80	6.90	6.84	
OM	3.4	4.6	4.1	
CEC	7.2	10.6	8.8	

Sample Date	Soil Lab
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2021-09-01 Waypoint Analytical Illinois

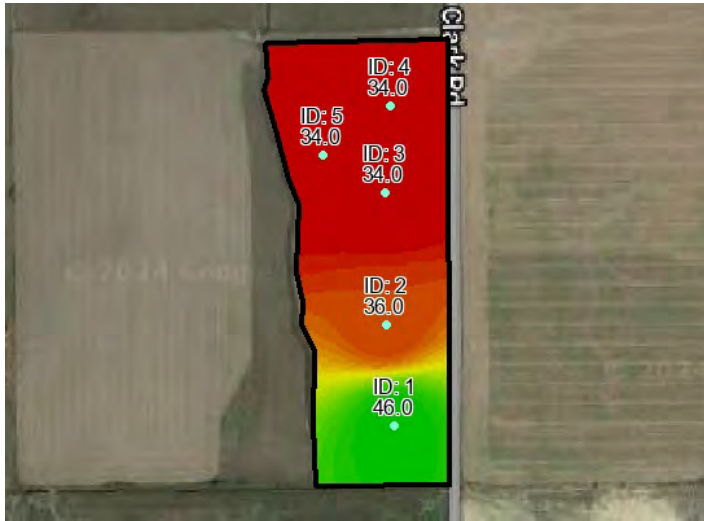
ID	P lbs/ac	K lbs/ac	pH	bpH	OM %	CEC meq
1	46.0	138.0	6.6	6.90	4.4	7.2
2	36.0	162.0	6.4	6.80	4.6	9.3
3	34.0	160.0	6.4	6.80	3.4	9.3
4	34.0	152.0	6.5	6.80	4.4	10.6
5	34.0	212.0	7.0	6.90	3.5	7.4

Tract 1

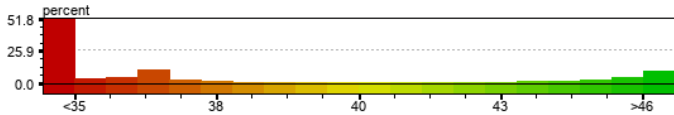
Grower: Unthank, JJ
Farm: ER&G
Field: ER&G15
Area: 14.25 ac
Interpolation Method: 1/r4

Lab: Waypoint Analytical
Illinois
Date: 2021-09-01
Layer ID: 4445577

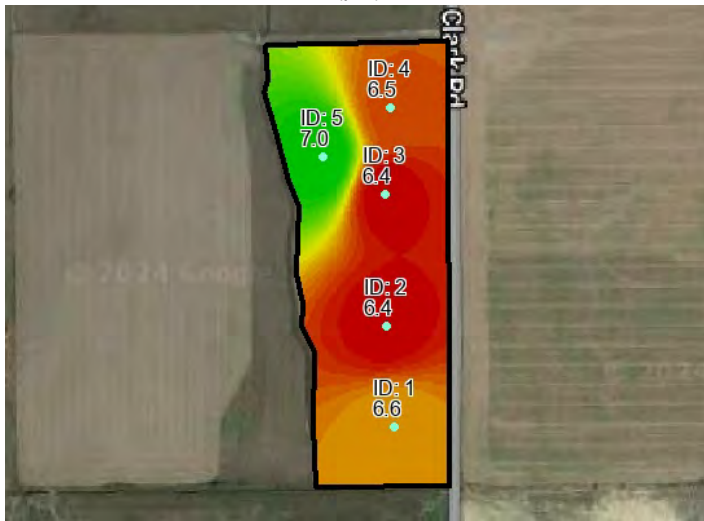
Phosphorous (P) lbs/ac



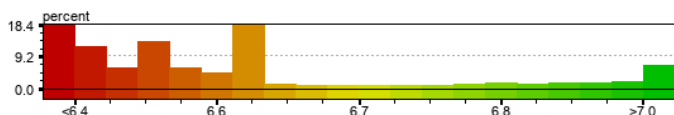
Min: 34.0 Max: 46.0 Avg: 36.8



(pH)



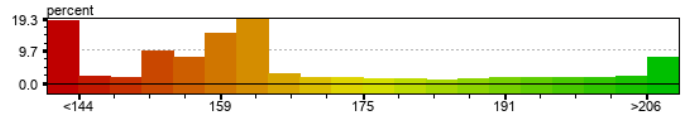
Min: 6.4 Max: 7.0 Avg: 6.6



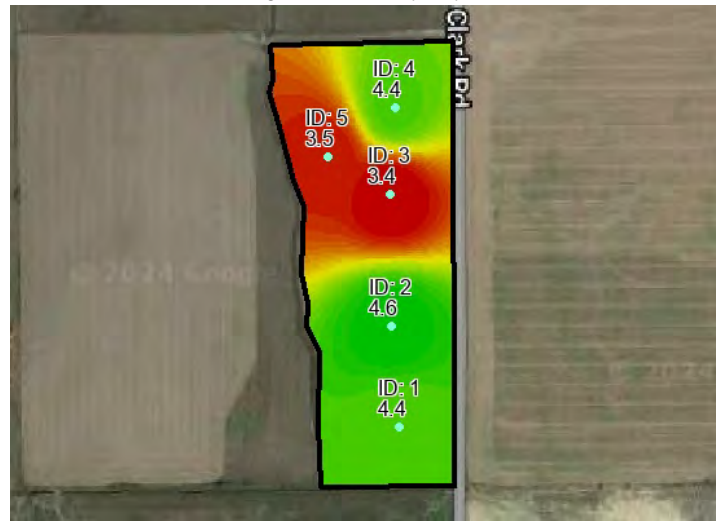
Potassium (K) lbs/ac



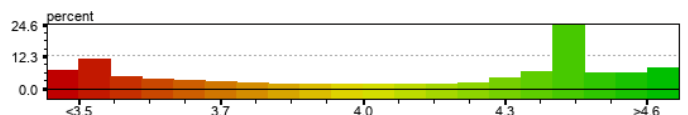
Min: 138.0 Max: 212.0 Avg: 164.8



Organic Matter (OM) %



Min: 3.4 Max: 4.6 Avg: 4.1



Grower: Unthank, JJ

Farm: ER&G

Field: ER&G15

Sample ID Map



Date: 2021-09-01

Lab: Waypoint Analytical Illinois

Area: 14.25 acres

Location	Grower	Farm	Field	Area	Centroid
Home Run Seed & Consulting	Unthank, JJ	ER&G	ER&G26	25.57 acres	37.872819, -88.405301



	Min	Max	Avg
P	28.0	160.0	50.2
K	80.0	324.0	136.4
pH	6.3	7.1	6.6
bpH	6.80	6.90	6.87
OM	2.0	3.1	2.6
CEC	7.4	13.6	10.4

Sample Date	Soil Lab
2021-09-01	Waypoint Analytical Illinois

ID	P lbs/ac	K lbs/ac	pH	bpH	OM %	CEC meq
1	40.0	112.0	6.6	6.90	2.8	10.6
2	34.0	88.0	6.8	6.90	2.5	9.1
3	32.0	130.0	6.4	6.80	3.1	11.8
4	42.0	138.0	6.8	6.90	2.9	13.6
5	36.0	136.0	6.7	6.90	2.7	11.3
6	30.0	80.0	6.4	6.80	2.0	8.7
7	28.0	80.0	6.3	6.80	2.4	7.4
8	50.0	140.0	6.7	6.90	2.5	11.6
9	160.0	324.0	7.1	6.90	2.5	9.1

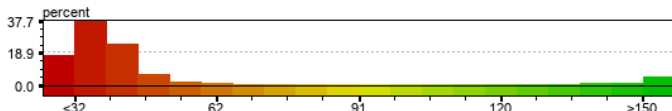
Grower: Unthank, JJ
Farm: ER&G
Field: ER&G26
Area: 25.57 ac
Interpolation Method: 1/r4

Lab: Waypoint Analytical
Illinois
Date: 2021-09-01
Layer ID: 4445598

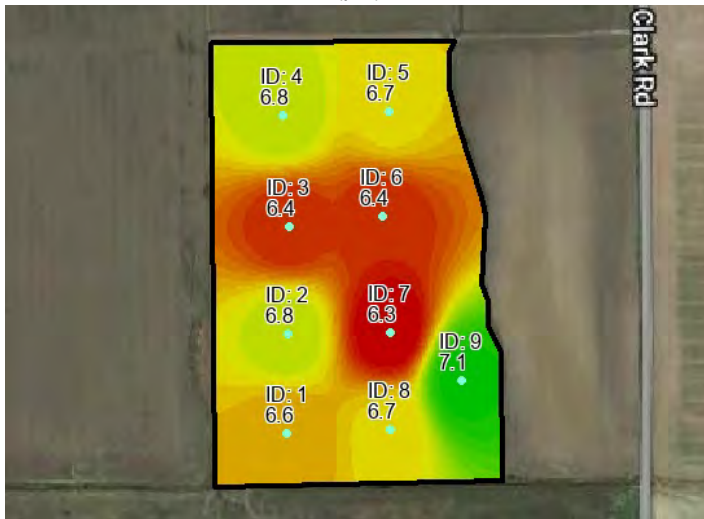
Phosphorous (P) lbs/ac



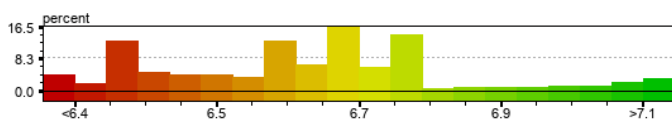
Min: 28.0 Max: 160.0 Avg: 50.2



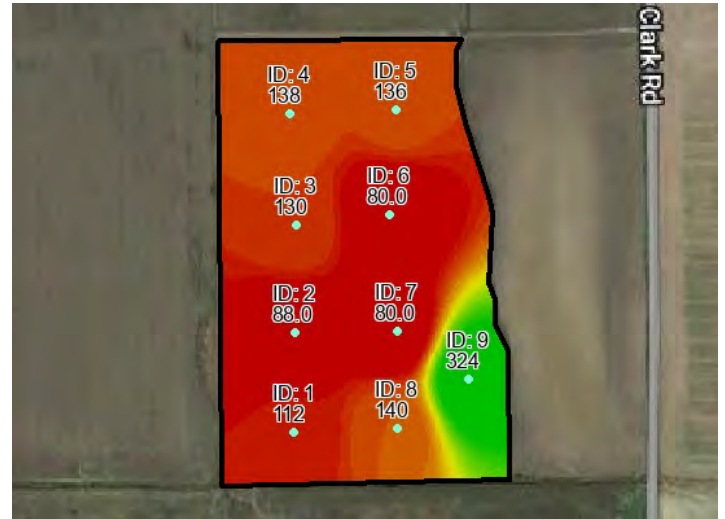
(pH)



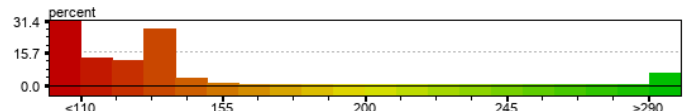
Min: 6.3 Max: 7.1 Avg: 6.6



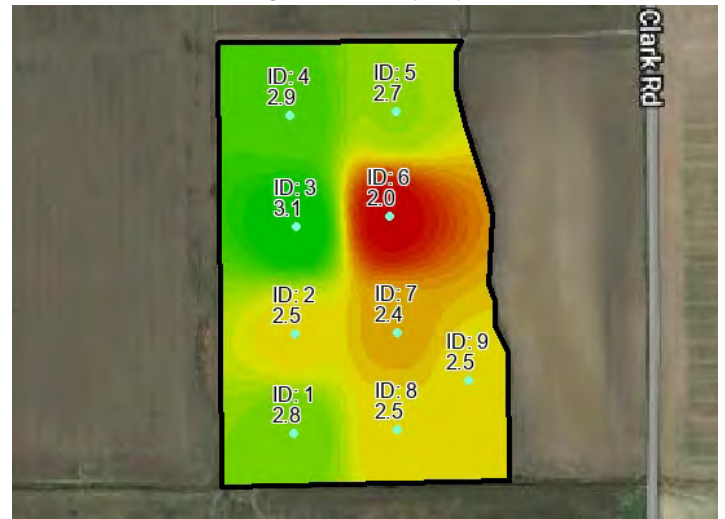
Potassium (K) lbs/ac



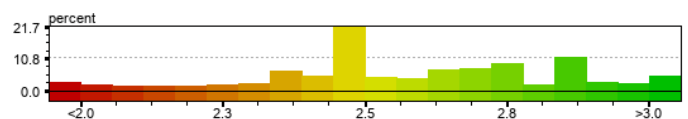
Min: 80.0 Max: 324.0 Avg: 136.4



Organic Matter (OM) %



Min: 2.0 Max: 3.1 Avg: 2.6



Tract 1

Grower: Unthank, JJ

Farm: ER&G

Field: ER&G26

Sample ID Map



Date: 2021-09-01

Lab: Waypoint Analytical Illinois

Area: 25.57 acres

Location	Grower	Farm	Field	Area	Centroid
Home Run Seed & Consulting	Unthank, JJ	ER&G	ER&G60	55.89 acres	37.879232, -88.404612



		Min	Max	Avg
P	34.0	130.0	70.4	
K	200.0	374.0	289.8	
Mg	502.0	870.0	662.8	
Ca	3570	5404	4565	
Na	20.0	48.0	26.2	
S	12.0	16.0	13.2	
B	0.8	1.4	1.1	
Cu	3.0	5.4	4.0	
Fe	200.0	584.0	298.8	
Mn	16.0	68.0	35.2	
Zn	1.4	2.4	1.9	
pH	5.9	7.1	6.5	
bpH	6.70	6.90	6.83	
OM	2.4	3.7	3.0	
CEC	13.0	18.5	15.7	
%K	1.8	2.9	2.4	
%Mg	14.4	19.7	17.6	
%Ca	14.4	19.7	17.6	
%H	0.6	17.1	7.0	
%Na	0.2	0.6	0.4	

Sample Date	Soil Lab
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2023-09-01 Waypoint Analytical Illinois

ID	P lbs/ac	K lbs/ac	Mg lbs/ac	Ca lbs/ac	Na lbs/ac	S lbs/ac	B lbs/ac	Cu lbs/ac	Fe lbs/ac	Mn lbs/ac	Zn lbs/ac	pH	bpH	OM %	CEC meq	%K %	%Mg %	%Ca %	%H %	%Na %
1	62.0	344.0	546.0	4360	28.0	14.0	1.2	4.2	426.0	68.0	2.2	6.3	6.80	2.6	15.3	2.9	14.9	14.9	10.5	0.4
2	56.0	284.0	538.0	3854	28.0	12.0	1.0	3.6	378.0	38.0	1.6	6.1	6.70	2.5	14.3	2.5	15.7	15.7	14.0	0.4
3	38.0	208.0	502.0	3594	26.0	12.0	0.8	3.0	258.0	34.0	1.6	6.2	6.80	2.4	13.0	2.1	16.1	16.1	12.3	0.4
4	56.0	200.0	542.0	4146	24.0	12.0	1.0	3.6	200.0	44.0	1.6	7.0	6.90	2.7	13.0	2.0	17.4	17.4	0.8	0.4
5	40.0	274.0	522.0	4180	26.0	12.0	1.0	3.6	222.0	42.0	1.6	7.1	6.90	2.8	13.1	2.7	16.6	16.6	0.8	0.4
6	78.0	294.0	588.0	4924	26.0	16.0	1.0	4.2	388.0	38.0	1.8	6.3	6.80	2.9	17.0	2.2	14.4	14.4	10.6	0.3
7	62.0	316.0	870.0	5192	24.0	14.0	1.2	5.0	364.0	36.0	2.0	6.5	6.80	3.2	18.5	2.2	19.6	19.6	7.6	0.3
8	62.0	272.0	760.0	5042	24.0	12.0	1.2	5.0	252.0	34.0	2.2	6.6	6.80	2.8	17.2	2.0	18.4	18.4	5.8	0.3
9	42.0	224.0	672.0	3978	28.0	12.0	1.0	3.8	274.0	26.0	1.8	5.9	6.70	2.6	15.8	1.8	17.7	17.7	17.1	0.4
10	38.0	258.0	718.0	4168	28.0	12.0	1.0	3.4	256.0	32.0	1.6	6.4	6.80	3.0	15.2	2.2	19.7	19.7	9.2	0.4
11	34.0	284.0	654.0	3570	26.0	14.0	0.8	3.2	244.0	34.0	1.4	6.0	6.70	3.2	14.2	2.6	19.2	19.2	14.8	0.4

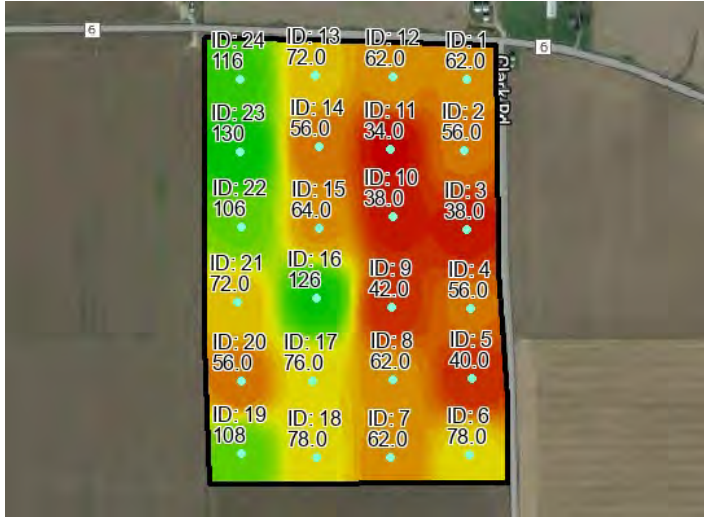
Tract 2

ID	P lbs/ac	K lbs/ac	Mg lbs/ac	Ca lbs/ac	Na lbs/ac	S lbs/ac	B lbs/ac	Cu lbs/ac	Fe lbs/ac	Mn lbs/ac	Zn lbs/ac	pH	bpH	OM %	CEC meq	%K %	%Mg %	%Ca %	%H %	%Na %
12	62.0	314.0	738.0	4348	26.0	14.0	1.0	3.6	282.0	30.0	1.8	6.1	6.70	2.9	16.7	2.4	18.4	18.4	13.8	0.3
13	72.0	238.0	532.0	3922	26.0	14.0	0.8	3.6	250.0	16.0	1.8	6.4	6.80	3.3	13.6	2.2	16.3	16.3	8.8	0.4
14	56.0	252.0	618.0	4962	20.0	12.0	1.0	4.0	252.0	26.0	2.2	6.6	6.80	3.4	16.3	2.0	15.8	15.8	6.1	0.3
15	64.0	266.0	736.0	5110	26.0	12.0	1.0	3.8	228.0	30.0	2.0	6.8	6.90	2.9	16.7	2.0	18.4	18.4	3.0	0.3
16	126.0	330.0	758.0	5226	22.0	16.0	1.2	5.4	584.0	32.0	2.4	6.9	6.90	3.4	17.0	2.5	18.6	18.6	1.8	0.3
17	76.0	374.0	806.0	5314	20.0	12.0	1.2	4.6	326.0	36.0	2.4	6.8	6.90	3.5	17.7	2.7	19.0	19.0	2.8	0.2
18	78.0	330.0	762.0	4848	30.0	16.0	1.4	4.8	352.0	34.0	2.0	6.8	6.90	3.7	16.3	2.6	19.5	19.5	3.1	0.4
19	108.0	342.0	612.0	4788	26.0	12.0	1.2	4.2	410.0	52.0	2.0	6.9	6.90	2.9	15.2	2.9	16.8	16.8	1.3	0.4
20	56.0	278.0	594.0	4356	26.0	12.0	1.0	3.2	216.0	48.0	1.6	6.6	6.80	2.8	14.7	2.4	16.8	16.8	6.1	0.4
21	72.0	250.0	700.0	4142	24.0	14.0	0.8	3.2	206.0	30.0	1.8	6.4	6.80	3.0	14.9	2.2	19.6	19.6	8.7	0.4
22	106.0	296.0	716.0	4740	22.0	12.0	1.2	3.8	226.0	28.0	2.0	6.7	6.90	2.6	16.0	2.4	18.6	18.6	4.4	0.3
23	130.0	352.0	758.0	5400	48.0	14.0	1.2	4.0	312.0	26.0	2.2	6.8	6.90	3.2	17.7	2.5	17.8	17.8	2.8	0.6
24	116.0	374.0	664.0	5404	24.0	14.0	1.2	4.6	264.0	32.0	2.2	7.0	6.90	2.6	16.9	2.8	16.4	16.4	0.6	0.3

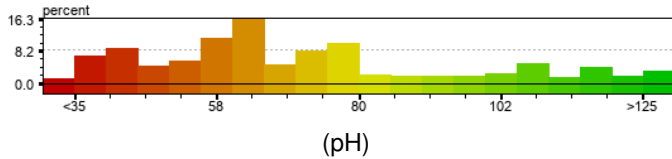
Grower: Unthank, JJ
Farm: ER&G
Field: ER&G60
Area: 55.89 ac
Interpolation Method: 1/r4

Lab: Waypoint Analytical
Illinois
Date: 2023-09-01
Layer ID: 4445681

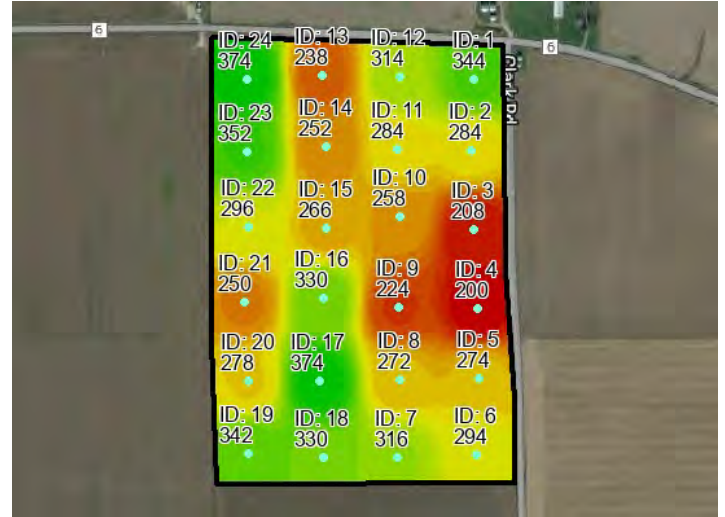
Phosphorous (P) lbs/ac



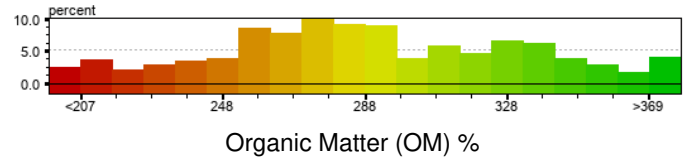
Min: 34.0 Max: 130.0 Avg: 70.4



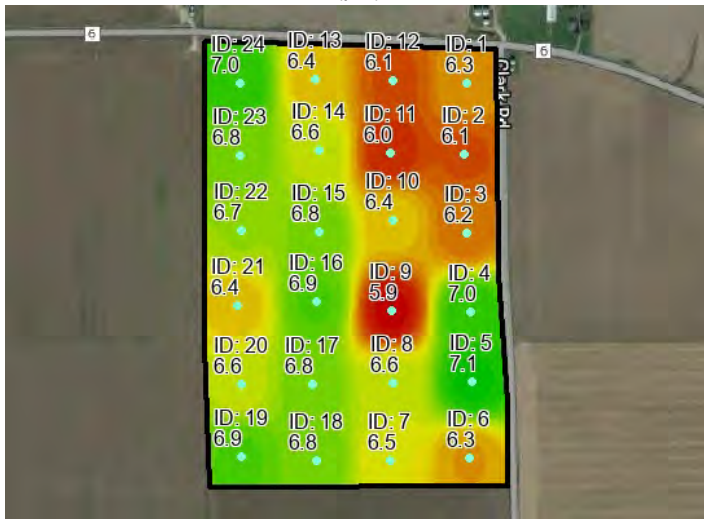
Potassium (K) lbs/ac



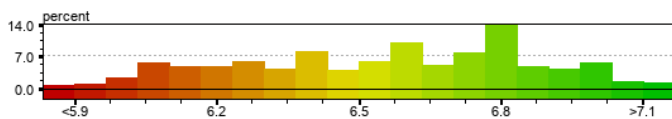
Min: 200.0 Max: 374.0 Avg: 289.8



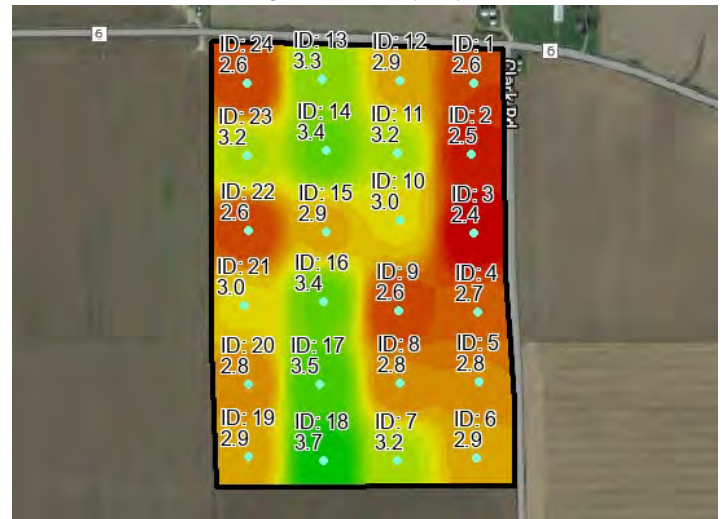
(pH)



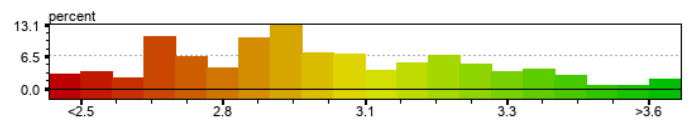
Min: 5.9 Max: 7.1 Avg: 6.5



Organic Matter (OM) %



Min: 2.4 Max: 3.7 Avg: 3.0



Tract 2

Grower: Unthank, JJ

Farm: ER&G

Field: ER&G60

Sample ID Map

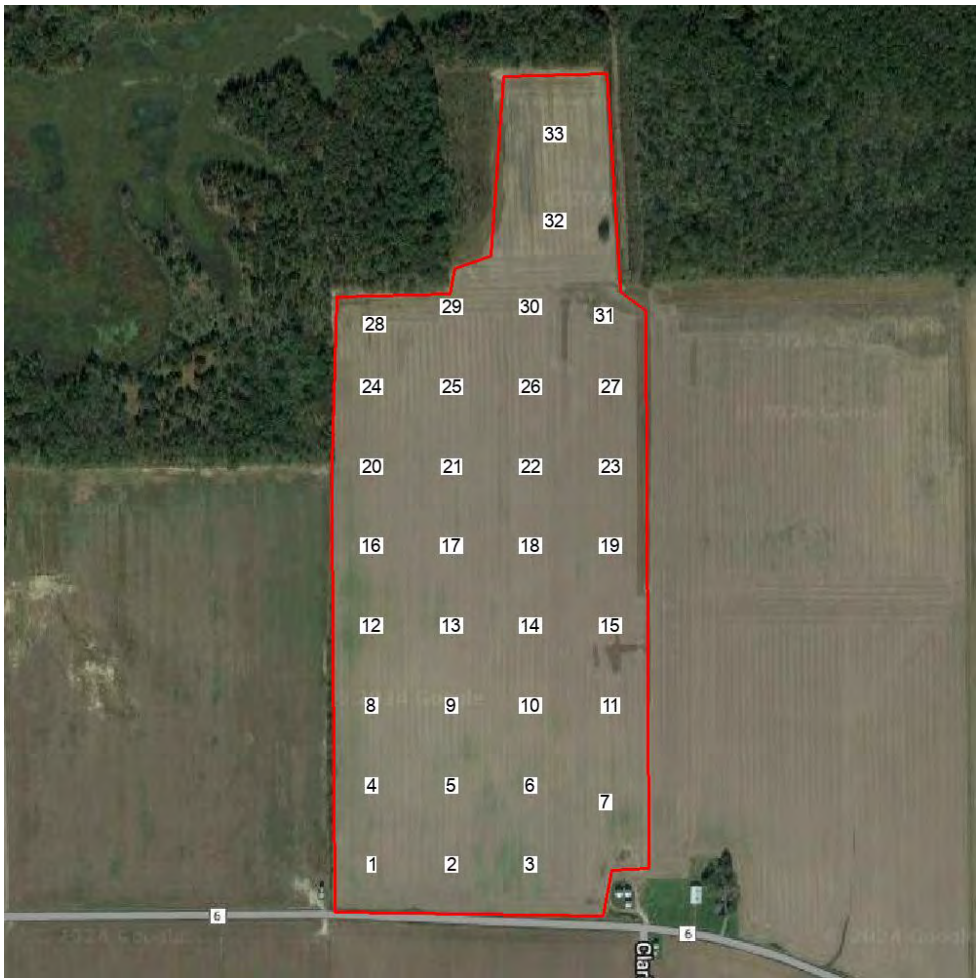


Date: 2023-09-01

Lab: Waypoint Analytical Illinois

Area: 55.89 acres

Location	Grower	Farm	Field	Area	Centroid
Home Run Seed & Consulting	Unthank, JJ	ER&G	ER&G89	86.35 acres	37.886161, -88.404515



	Min	Max	Avg
P	62.0	206.0	117.0
K	194.0	478.0	342.1
Mg	260.0	1172	721.8
Ca	2296	5746	4459
Na	22.0	40.0	31.2
S	8.0	20.0	14.2
B	0.4	1.2	0.9
Cu	1.8	6.0	3.8
Fe	250.0	498.0	378.7
Mn	36.0	274.0	92.2
Zn	1.8	3.0	2.4
pH	5.4	6.7	6.2
bpH	6.20	6.90	6.70
OM	1.6	4.1	3.0
CEC	8.8	25.0	16.9
%K	1.8	3.4	2.6
%Mg	12.3	23.0	17.4
%Ca	12.3	23.0	17.4
%H	4.3	28.4	13.2
%Na	0.2	0.7	0.4

Sample Date	Soil Lab
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2023-09-01 Waypoint Analytical Illinois

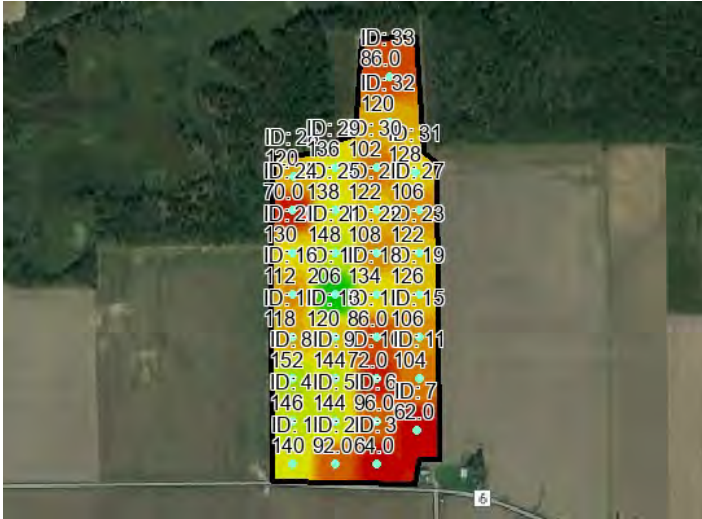
ID	P lbs/ac	K lbs/ac	Mg lbs/ac	Ca lbs/ac	Na lbs/ac	S lbs/ac	B lbs/ac	Cu lbs/ac	Fe lbs/ac	Mn lbs/ac	Zn lbs/ac	pH	bpH	OM %	CEC meq	%K %	%Mg %	%Ca %	%H %	%Na %
1	140.0	244.0	694.0	4954	26.0	14.0	0.8	3.6	334.0	46.0	2.2	6.3	6.80	3.0	17.4	1.8	16.6	16.6	10.3	0.3
2	92.0	396.0	854.0	5522	36.0	16.0	1.2	5.0	424.0	48.0	2.8	6.3	6.70	2.6	20.0	2.5	17.8	17.8	10.5	0.4
3	64.0	308.0	688.0	5606	30.0	14.0	1.0	4.0	250.0	46.0	2.6	6.2	6.70	3.3	19.7	2.0	14.6	14.6	12.2	0.3
4	146.0	284.0	478.0	3330	28.0	20.0	0.8	3.2	474.0	68.0	2.0	6.1	6.80	2.6	12.4	2.9	16.1	16.1	13.7	0.5
5	144.0	324.0	480.0	3534	32.0	12.0	0.6	3.0	394.0	76.0	2.2	6.0	6.70	3.1	13.3	3.1	15.0	15.0	15.0	0.5
6	96.0	194.0	260.0	2296	30.0	10.0	0.4	1.8	338.0	134.0	2.0	5.8	6.80	1.6	8.8	2.8	12.3	12.3	19.3	0.7
7	62.0	210.0	492.0	3464	24.0	12.0	0.6	2.4	264.0	126.0	1.8	6.7	6.90	2.2	11.5	2.3	17.8	17.8	4.3	0.5
8	152.0	244.0	508.0	3340	24.0	12.0	0.6	2.0	326.0	132.0	2.0	6.4	6.80	1.9	11.9	2.6	17.8	17.8	9.2	0.4
9	144.0	240.0	426.0	2942	32.0	18.0	0.4	1.8	326.0	220.0	1.8	5.7	6.70	2.5	12.0	2.6	14.8	14.8	20.8	0.6
10	72.0	212.0	352.0	2856	22.0	12.0	0.6	2.0	300.0	160.0	1.8	6.2	6.80	2.2	10.1	2.7	14.5	14.5	11.9	0.5
11	104.0	342.0	584.0	4530	34.0	16.0	0.8	4.0	396.0	76.0	2.6	6.1	6.70	2.9	16.6	2.6	14.7	14.7	13.9	0.4

ID	P lbs/ac	K lbs/ac	Mg lbs/ac	Ca lbs/ac	Na lbs/ac	S lbs/ac	B lbs/ac	Cu lbs/ac	Fe lbs/ac	Mn lbs/ac	Zn lbs/ac	pH	bpH	OM %	CEC meq	%K %	%Mg %	%Ca %	%H %	%Na %
12	118.0	222.0	356.0	2980	30.0	8.0	0.8	2.4	348.0	158.0	2.2	5.9	6.70	2.7	11.2	2.5	13.2	13.2	17.0	0.6
13	120.0	338.0	524.0	4138	28.0	16.0	0.8	3.0	278.0	74.0	2.0	6.5	6.80	2.9	14.1	3.1	15.5	15.5	7.8	0.4
14	86.0	358.0	942.0	5044	32.0	16.0	1.0	4.2	286.0	78.0	2.4	6.7	6.80	2.4	17.9	2.6	21.9	21.9	4.5	0.4
15	106.0	448.0	784.0	5340	32.0	14.0	1.2	4.2	360.0	40.0	2.8	6.3	6.70	3.3	19.3	3.0	16.9	16.9	10.4	0.4
16	112.0	402.0	846.0	5166	30.0	18.0	1.2	4.0	292.0	78.0	2.2	6.4	6.80	3.1	18.7	2.8	18.9	18.9	9.1	0.3
17	206.0	442.0	808.0	5352	34.0	20.0	1.0	4.2	370.0	58.0	2.6	6.3	6.70	3.2	19.4	2.9	17.4	17.4	10.3	0.4
18	134.0	452.0	1166	5454	40.0	12.0	1.2	4.6	298.0	96.0	2.6	6.4	6.70	3.4	21.1	2.7	23.0	23.0	9.0	0.4
19	126.0	478.0	804.0	4922	22.0	16.0	0.8	4.2	354.0	54.0	2.4	5.9	6.60	3.6	19.6	3.1	17.1	17.1	16.8	0.2
20	130.0	338.0	706.0	4266	28.0	14.0	1.0	4.0	462.0	88.0	2.4	5.7	6.60	2.8	17.8	2.4	16.5	16.5	20.8	0.3
21	148.0	350.0	762.0	4724	30.0	12.0	1.0	4.0	362.0	58.0	2.6	6.5	6.80	3.6	16.8	2.7	18.9	18.9	7.7	0.4
22	108.0	350.0	1046	5408	32.0	14.0	1.2	5.0	450.0	94.0	2.8	6.5	6.80	3.2	19.9	2.3	21.9	21.9	7.5	0.3
23	122.0	404.0	962.0	5328	30.0	14.0	0.8	5.0	418.0	44.0	2.6	5.4	6.20	3.7	25.0	2.1	16.0	16.0	28.4	0.3
24	70.0	256.0	654.0	4236	32.0	14.0	0.6	3.8	356.0	74.0	2.6	5.7	6.60	2.6	17.3	1.9	15.8	15.8	20.8	0.4
25	138.0	298.0	662.0	4152	34.0	12.0	0.8	3.8	424.0	100.0	2.6	6.2	6.70	3.1	15.5	2.5	17.8	17.8	12.3	0.5
26	122.0	460.0	1020	4906	32.0	8.0	1.2	4.6	440.0	86.0	2.8	5.8	6.50	3.4	21.2	2.8	20.0	20.0	18.9	0.3
27	106.0	420.0	1000.0	5746	30.0	18.0	1.0	5.4	490.0	36.0	2.8	5.6	6.30	4.1	25.0	2.2	16.7	16.7	23.6	0.3
28	120.0	236.0	476.0	2972	34.0	16.0	0.8	2.4	428.0	274.0	2.8	6.5	6.80	2.3	10.6	2.9	18.7	18.7	7.5	0.7
29	136.0	350.0	692.0	4818	30.0	14.0	1.0	4.4	442.0	126.0	2.8	6.4	6.80	3.1	16.9	2.7	17.1	17.1	8.9	0.4
30	102.0	408.0	1172	5290	38.0	18.0	1.2	5.0	400.0	74.0	2.4	6.0	6.60	3.9	22.0	2.4	22.2	22.2	15.0	0.4
31	128.0	456.0	920.0	5160	36.0	14.0	1.0	6.0	478.0	54.0	3.0	6.3	6.70	3.5	19.4	3.0	19.8	19.8	10.3	0.4
32	120.0	444.0	1056	5580	38.0	14.0	1.0	5.0	436.0	52.0	2.8	6.0	6.60	3.6	22.4	2.5	19.6	19.6	15.2	0.4
33	86.0	380.0	644.0	3818	38.0	12.0	1.0	3.8	498.0	114.0	2.6	6.2	6.80	3.0	14.5	3.4	18.5	18.5	11.7	0.6

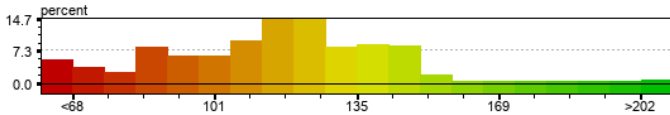
Grower: Unthank, JJ
Farm: ER&G
Field: ER&G89
Area: 86.35 ac
Interpolation Method: 1/r4

Lab: Waypoint Analytical
Illinois
Date: 2023-09-01
Layer ID: 4445671

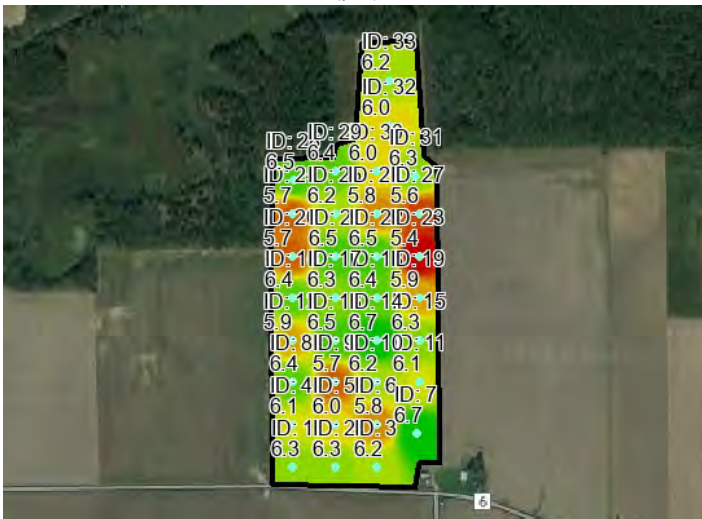
Phosphorous (P) lbs/ac



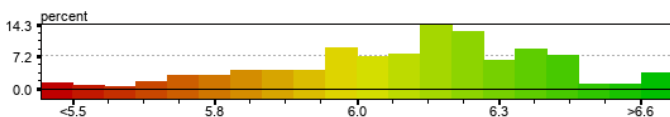
Min: 62.0 Max: 206.0 Avg: 117.0



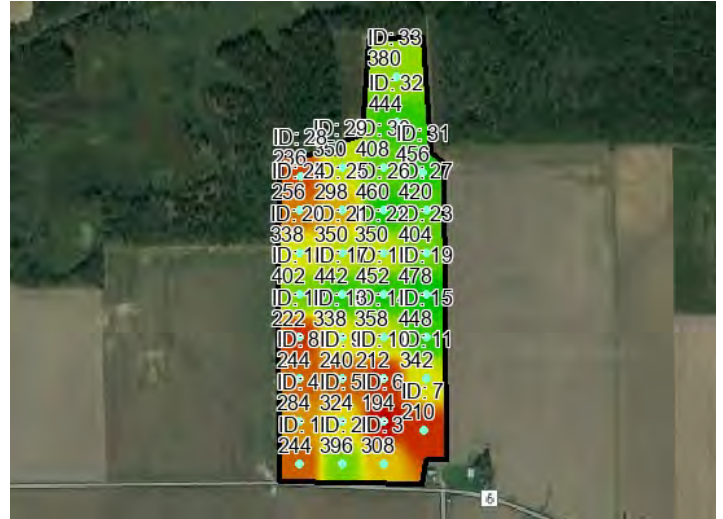
(pH)



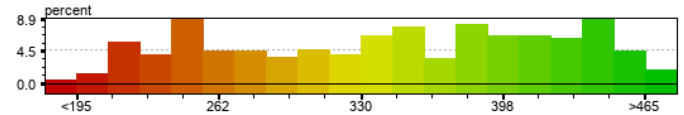
Min: 5.4 Max: 6.7 Avg: 6.2



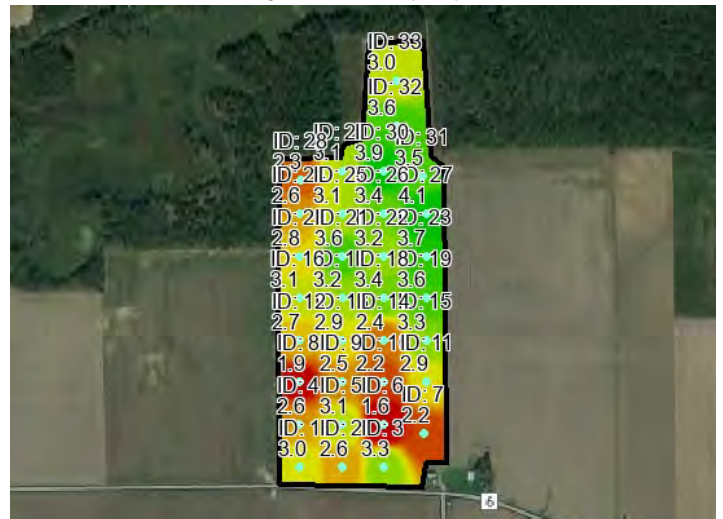
Potassium (K) lbs/ac



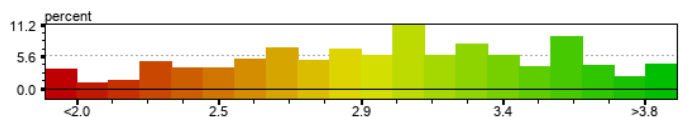
Min: 194.0 Max: 478.0 Avg: 342.1



Organic Matter (OM) %



Min: 1.6 Max: 4.1 Avg: 3.0



Tract 5

Grower: Unthank, JJ

Farm: ER&G

Field: ER&G89

Sample ID Map



Date: 2023-09-01

Lab: Waypoint Analytical Illinois

Area: 86.35 acres