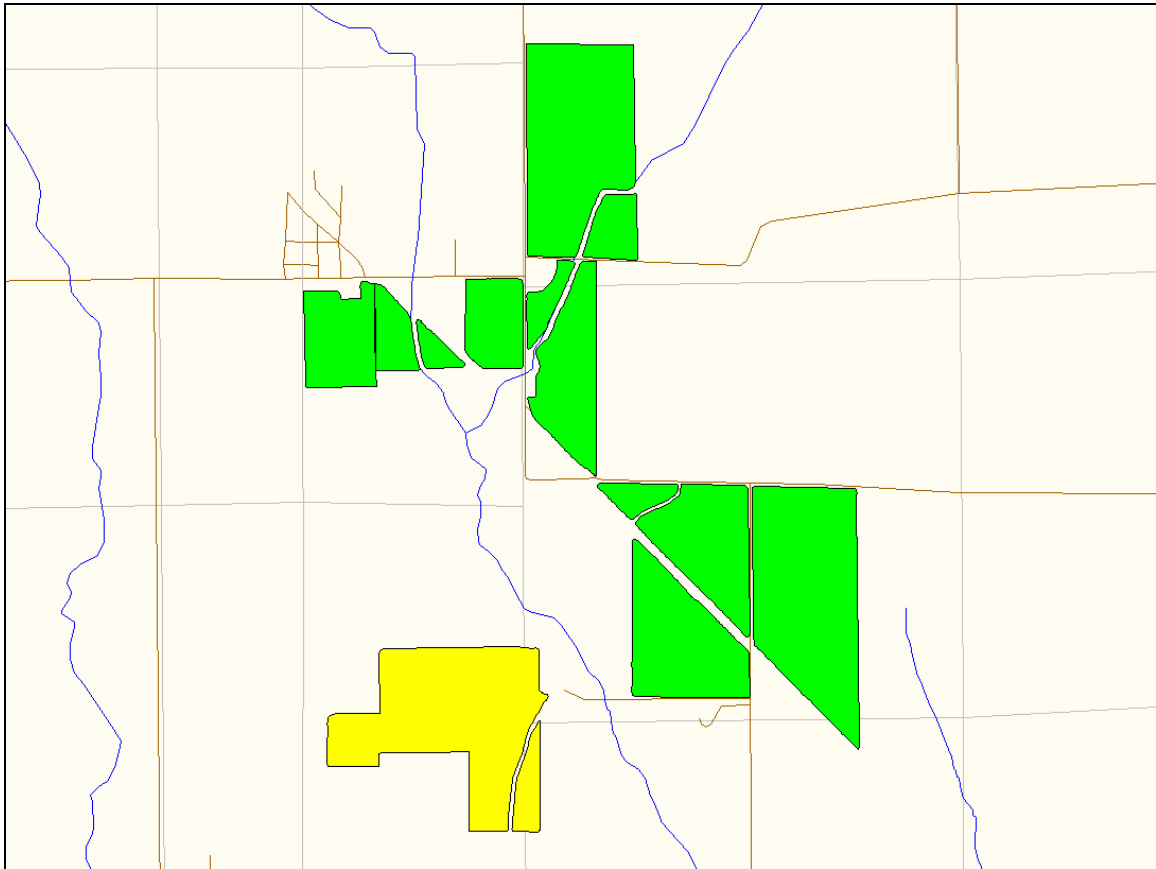


First Financial Bank
Soil Test Report
2018

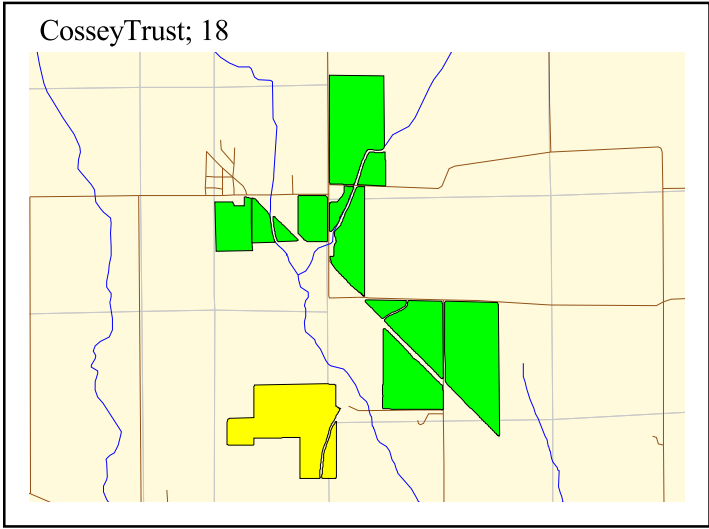


Cossey South
#8076
86.3A sec32,33 HIGHLAND

8076South; 18 (86.32 ac.)

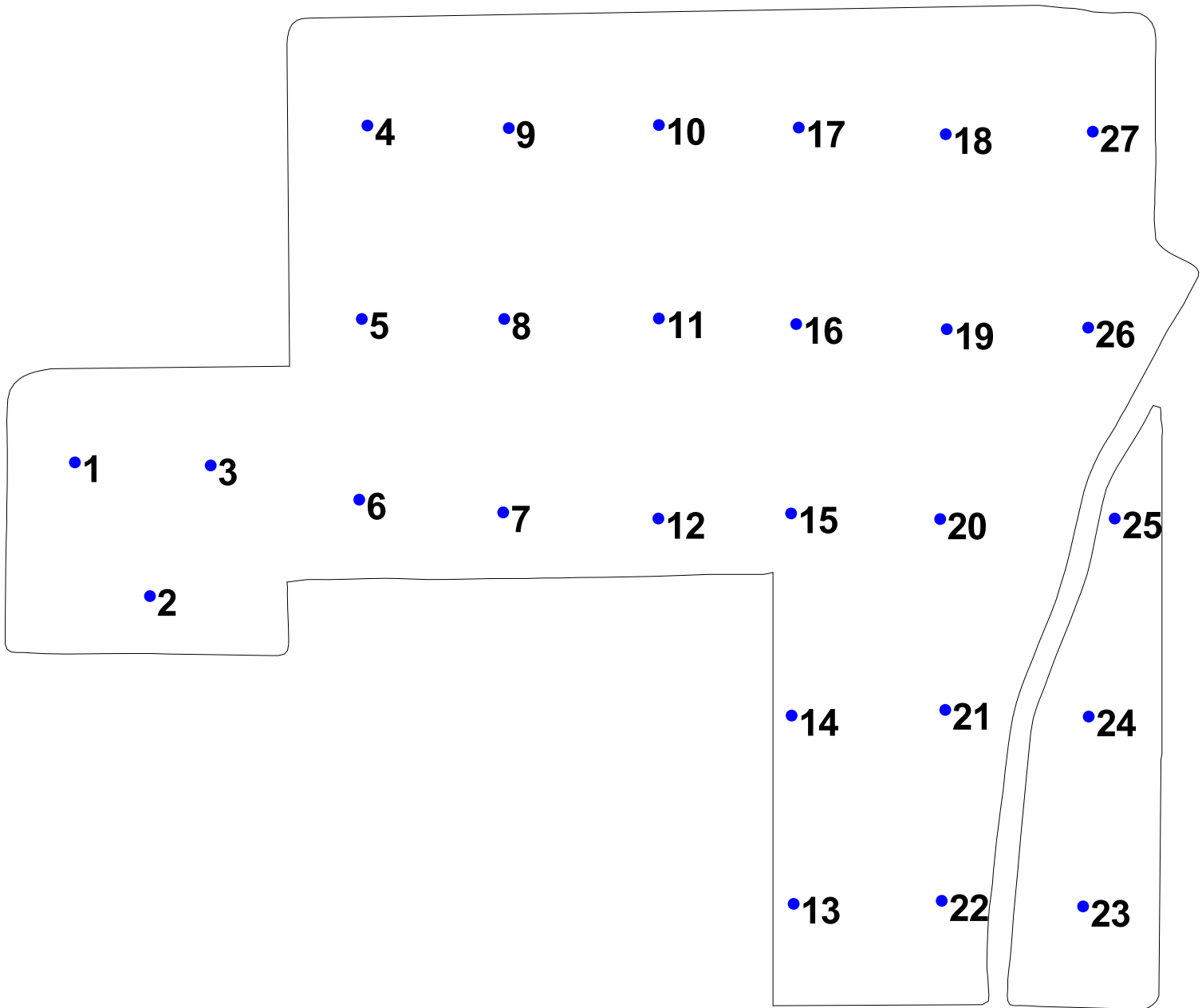


 (86.3ac.)Field Boundary

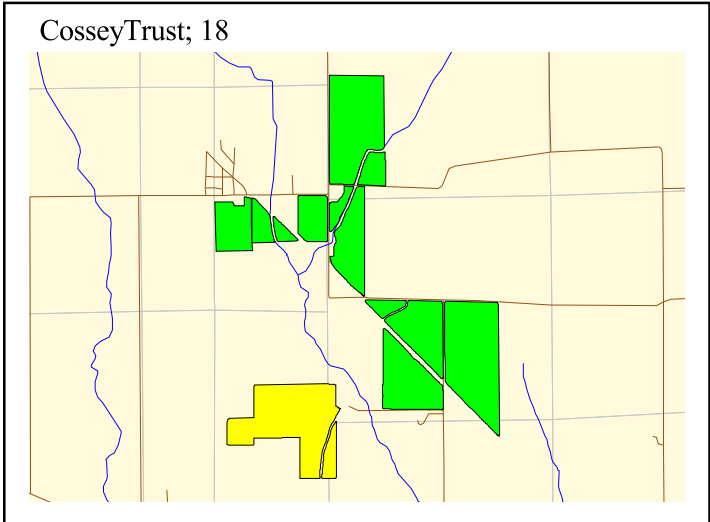


Date: Apr 17, 2018
Field Name: 8076South; 18
Location: Vermillion Co., Vermilion Co., Illinois, U.S.
Farm Name: CosseyTrust
Client Name: First Financial Danville
Total Acres: 86.32
Field Boundary Start Location:
Latitude: 40.06775528
Longitude: -87.48956805

8076South; 18 (86.32 ac.)










(86.3ac.)Field Boundary
● 8076 Soil Test 2018

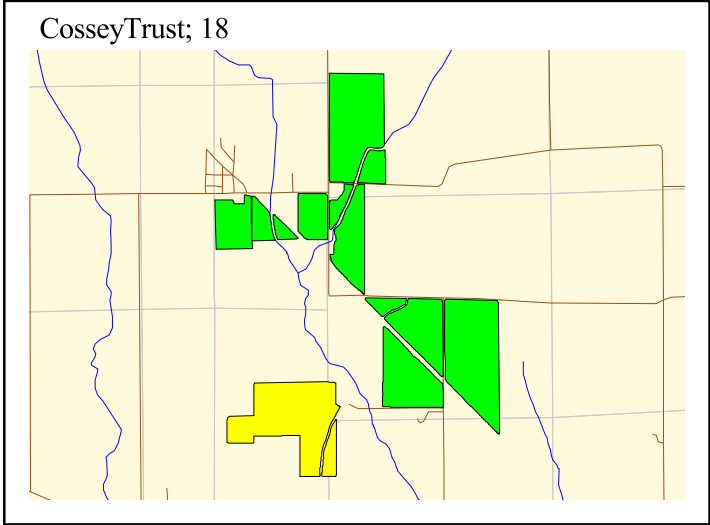


Date: Apr 17, 2018
Field Name: 8076South; 18
Location: Vermillion Co., Vermilion Co., Illinois, U.S.
Farm Name: CosseyTrust
Client Name: First Financial Danville
Total Acres: 86.32
Field Boundary Start Location:
Latitude: 40.06775528
Longitude: -87.48956805

8076South; 18 (86.32 ac.)

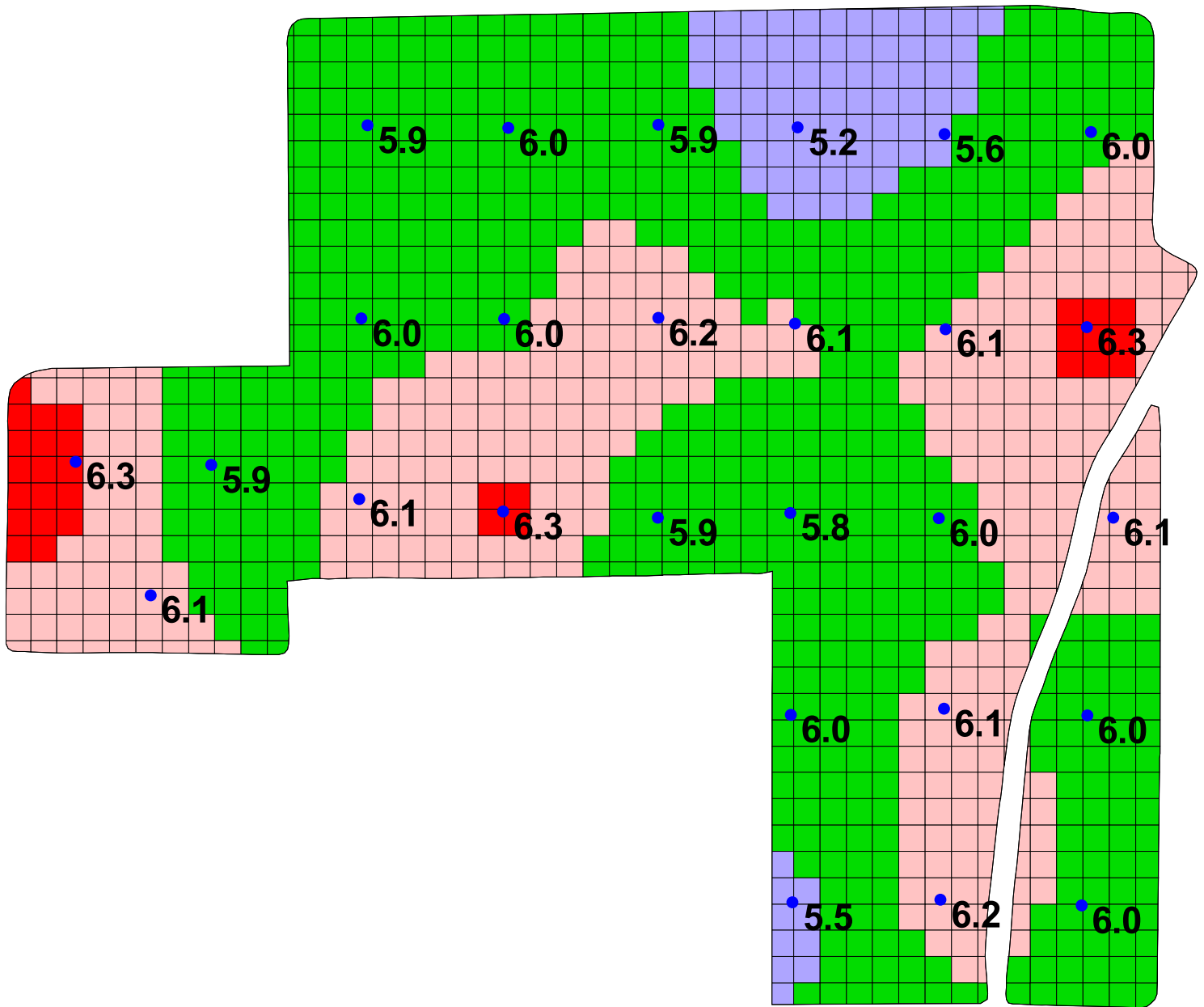


	(86.3ac.)Field Boundary
Clipped Om Surface 2018	
	< 2.1% (0.0 ac. - 0.0%)
	2.1 - 2.7% (33.4 ac. - 38.7%)
	2.7 - 2.9% (29.1 ac. - 33.7%)
	2.9 - 3.2% (23.8 ac. - 27.6%)
	3.2 - 3.6% (0.0 ac. - 0.0%)
	3.6 - 5.0% (0.0 ac. - 0.0%)

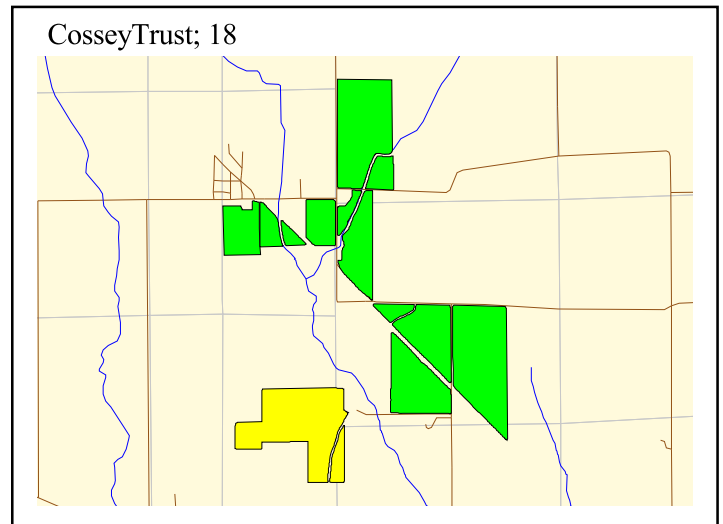
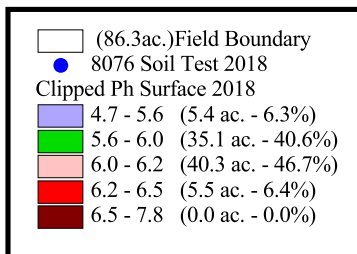


Date: Apr 17, 2018
Field Name: 8076South; 18
Location: Vermillion Co., Vermilion Co., Illinois, U.S.
Farm Name: CosseyTrust
Client Name: First Financial Danville
Total Acres: 86.32
Field Boundary Start Location:
Latitude: 40.06775528
Longitude: -87.48956805

8076South; 18 (86.32 ac.)

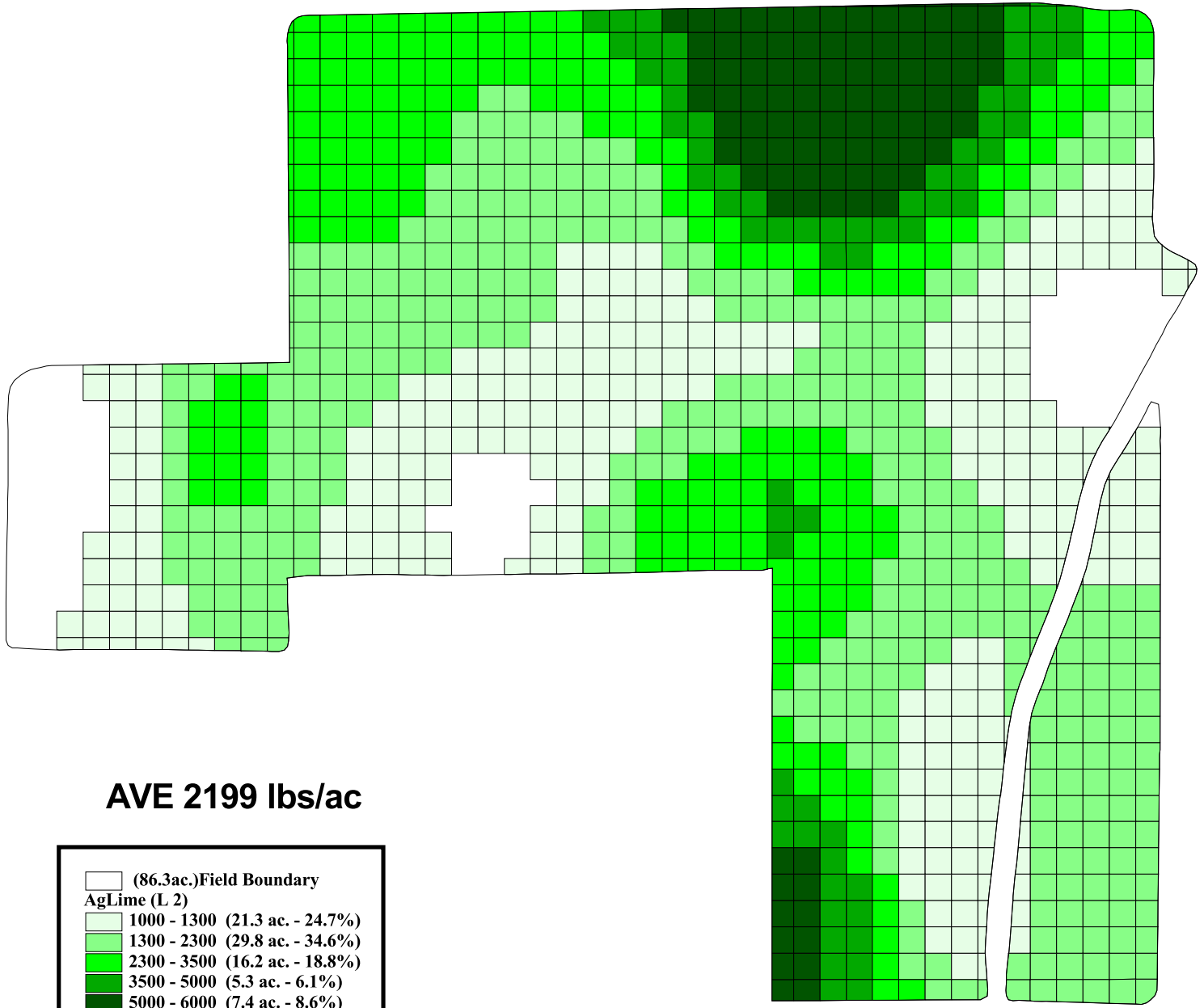


AVE 6.0









Date: Apr 17, 2018
 Field Name: 8076South; 18
 Location: Vermillion Co., Vermilion Co., Illinois, U.S.
 Farm Name: CosseyTrust
 Client Name: First Financial Danville
 Total Acres: 86.32
 Field Boundary Start Location:
 Latitude: 40.06775528
 Longitude: -87.48956805

8076South; 18 (86.32 ac.) - AgLime Recommendation



AVE 2199 lbs/ac

	(86.3ac.)Field Boundary
AgLime (L 2)	
	1000 - 1300 (21.3 ac. - 24.7%)
	1300 - 2300 (29.8 ac. - 34.6%)
	2300 - 3500 (16.2 ac. - 18.8%)
	3500 - 5000 (5.3 ac. - 6.1%)
	5000 - 6000 (7.4 ac. - 8.6%)

Equation Used: L 2

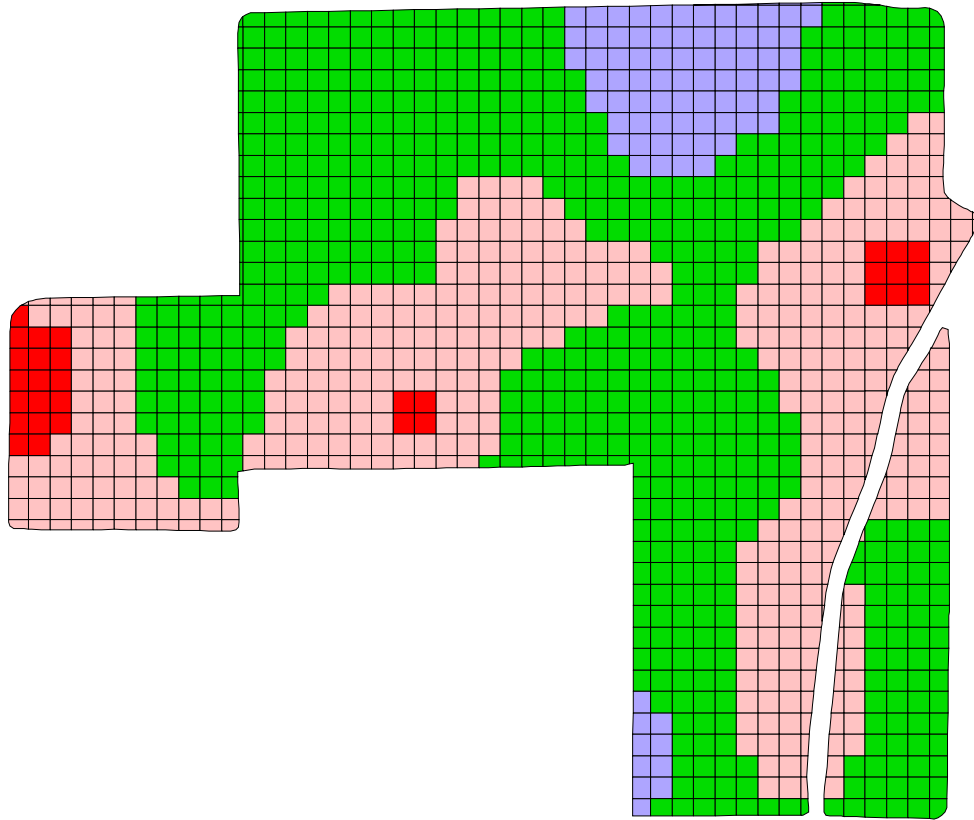
Date: Apr 17, 2018
 Field Name: 8076South; 18
 Farm Name: CosseyTrust
 Client Name: First Financial Danville
 Location: Vermillion Co., Vermillion Co., Illinois, U.S.
 Total Acres: 86.32
 Field Boundary Start Location:
 Latitude: 40.06775528
 Longitude: -87.48956805

Application Estimates:

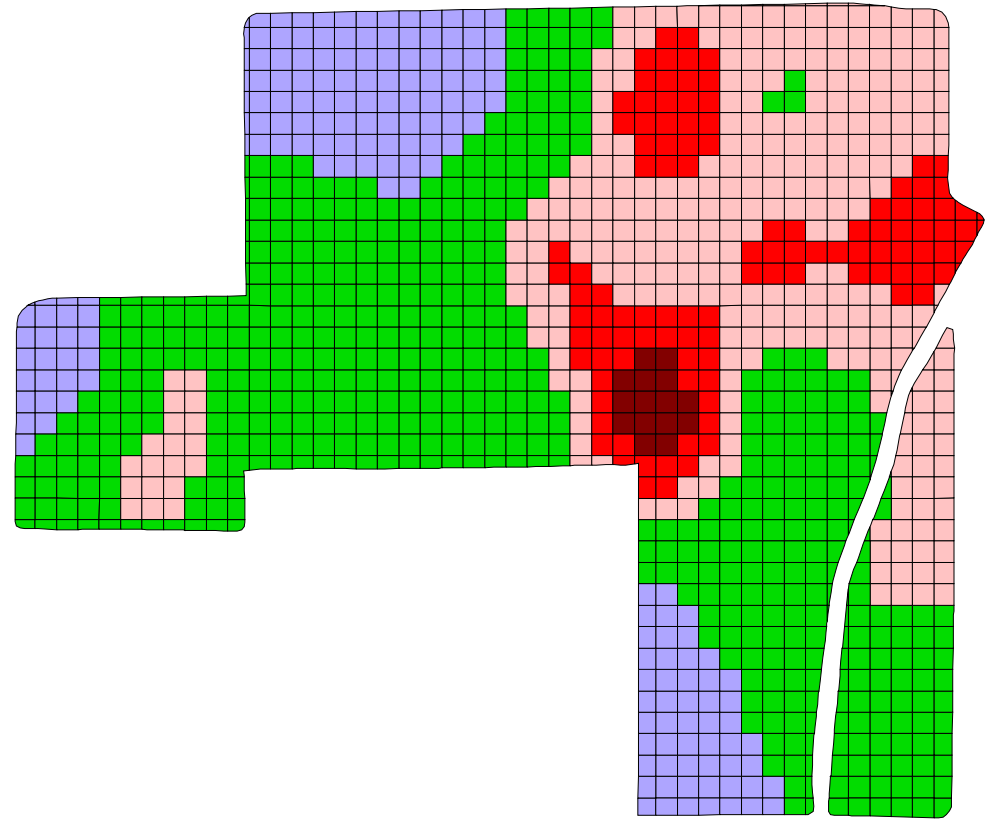
Product:	AgLime
Min. Rate:	1000.0 Lbs/ac.
Max. Rate:	6000.0 Lbs/ac.
Avg. Rate:	2364.3 Lbs/ac.
Total AgLime:	94.91 Tons
Total Lime (100%):	94.91 Tons
Product Price per ton:	\$23.00
Product Cost:	\$2182.93
Number of Acres to be Applied:	80.07 Acres
Per Acre Application Charge:	\$0.00
Anticipated Application Charge:	\$0.00
Total Cost:	\$2182.93
Cost per Applied Acre:	\$27.26
Total Acre Cost:	\$25.29

8076South; 18 (86.32 ac.)

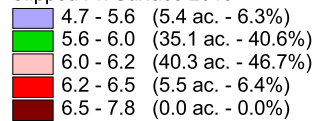
Clipped Ph Surface 2018



Clipped pH Surface 2014



Clipped Ph Surface 2018

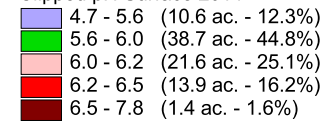


Date: Apr 17, 2018
Field Name: 8076South; 18
Location: Vermillion Co., Vermillion Co., Illinois, U.S.
Farm Name: CosseyTrust
Client Name: First Financial Danville
Total Acres: 86.32
Field Boundary Start Location:
Latitude: 40.06775528
Longitude: -87.48956805

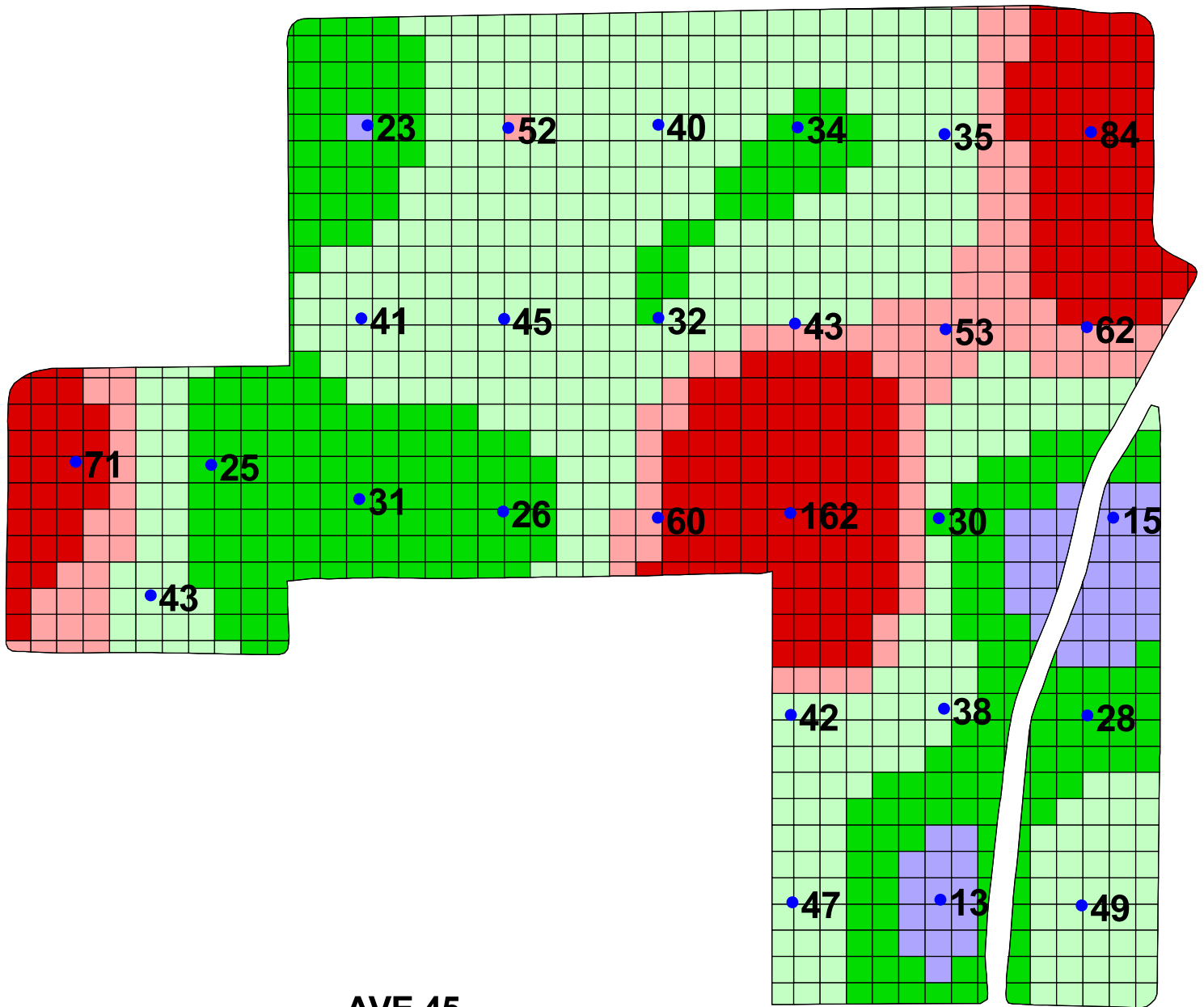
Ph Stats:
No. of Observations: 1135
Minimum Ph: 5.2
Maximum Ph: 6.3
Average Ph: 6.0

Ph Stats:
No. of Observations: 1135
Minimum Ph: 5.4
Maximum Ph: 6.9
Average Ph: 5.9

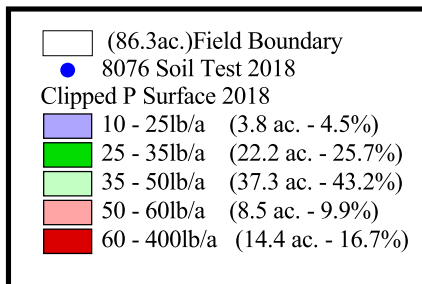
Clipped pH Surface 2014



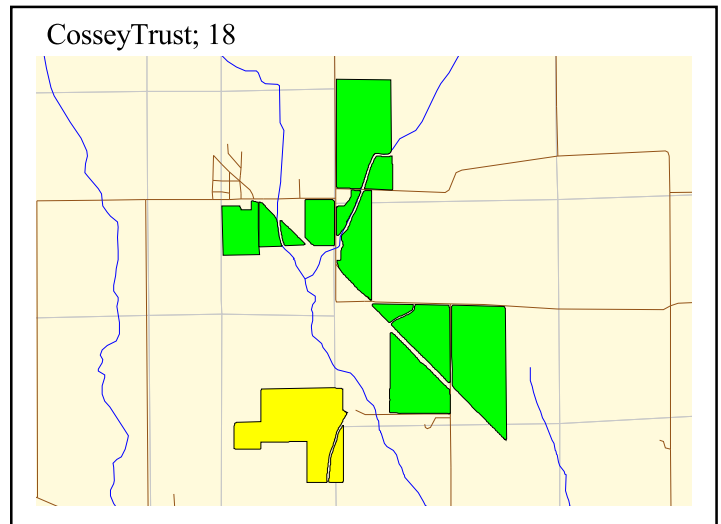
8076South; 18 (86.32 ac.)



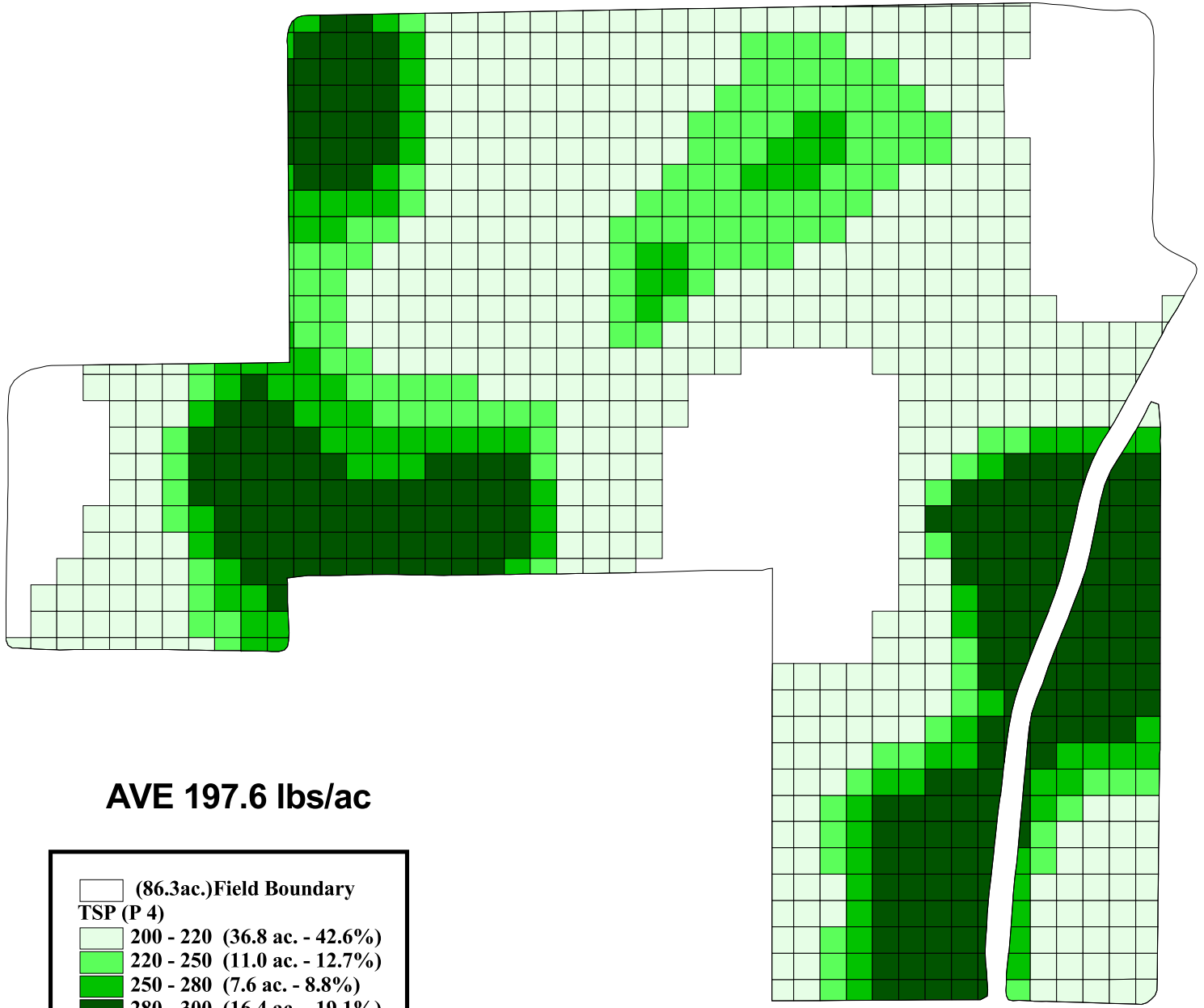
AVE 45



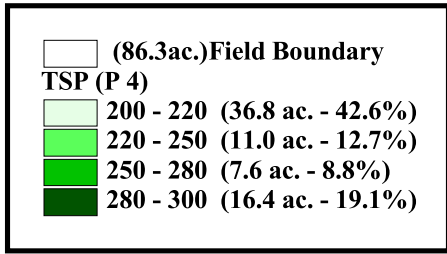
Date: Apr 17, 2018
 Field Name: 8076South; 18
 Location: Vermillion Co., Vermilion Co., Illinois, U.S.
 Farm Name: CosseyTrust
 Client Name: First Financial Danville
 Total Acres: 86.32
 Field Boundary Start Location:
 Latitude: 40.06775528
 Longitude: -87.48956805



8076South; 18 (86.32 ac.) - TSP Recommendation



AVE 197.6 lbs/ac



Equation Used: P 4

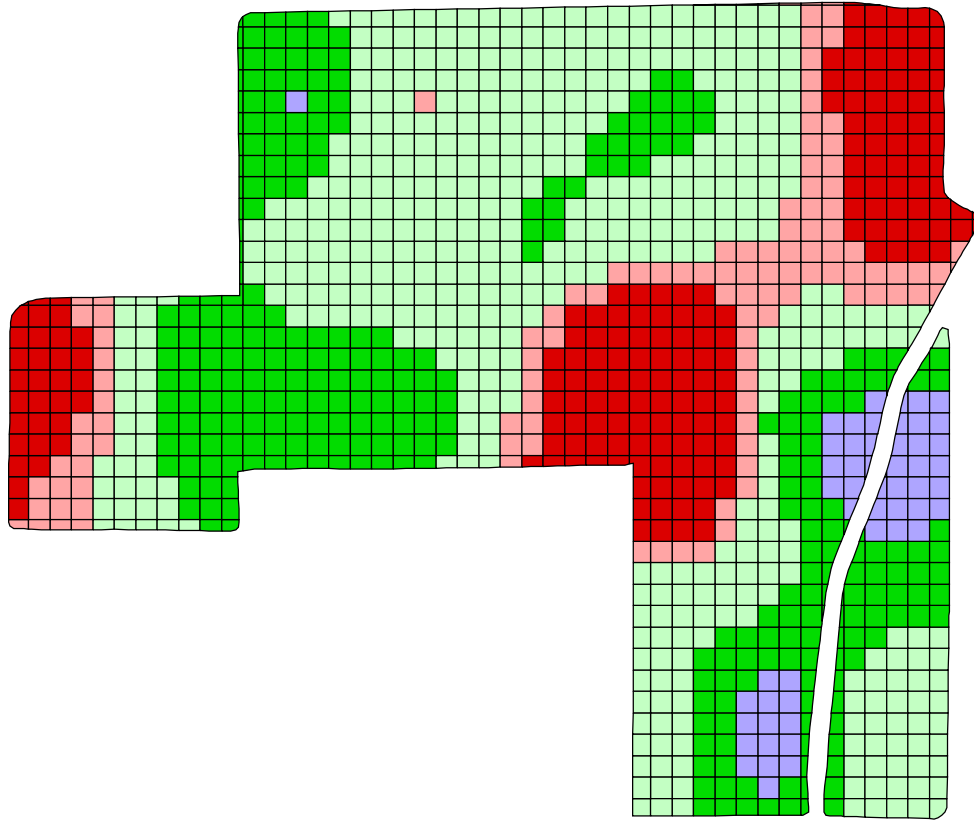
Date: Apr 17, 2018
 Field Name: 8076South; 18
 Farm Name: CosseyTrust
 Client Name: First Financial Danville
 Location: Vermillion Co., Vermillion Co., Illinois, U.S.
 Total Acres: 86.32
 Field Boundary Start Location:
 Latitude: 40.06775528
 Longitude: -87.48956805

Application Estimates:

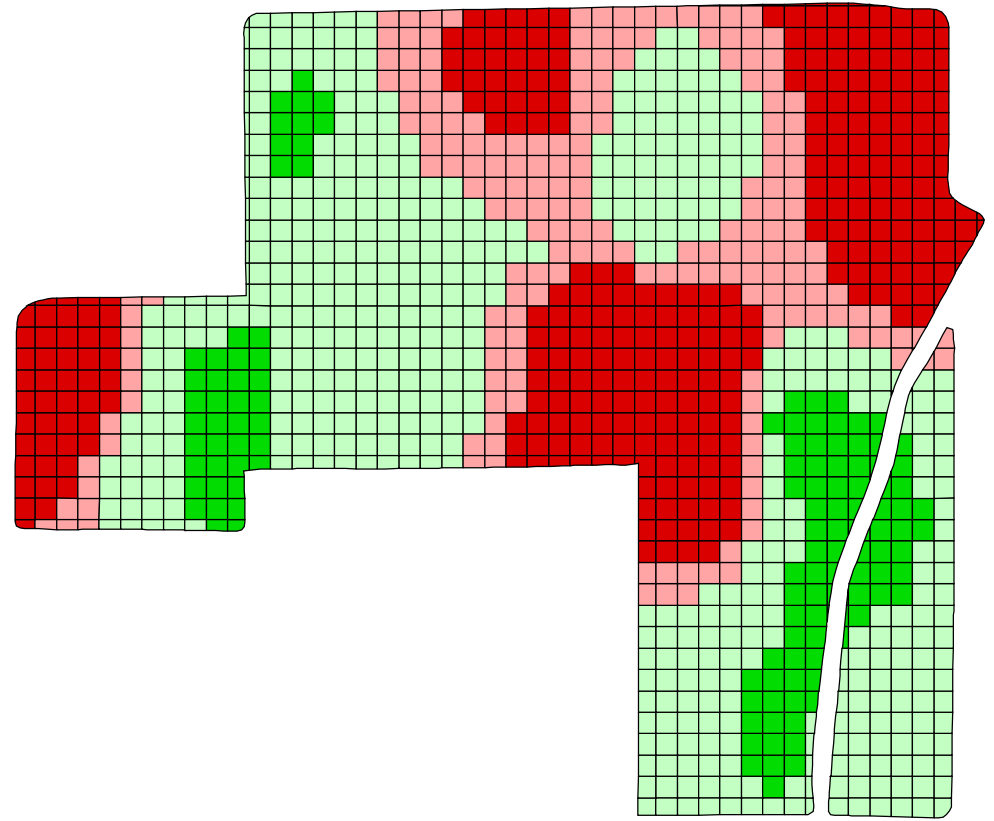
Product: TSP	
Min. Rate:	200.0 Lbs/ac.
Max. Rate:	300.0 Lbs/ac.
Avg. Rate:	239.0 Lbs/ac.
Total TSP:	8.53 Tons
Total P (45%):	3.84 Tons
Total Total (100%):	8.53 Tons
Product Price per ton:	\$550.00
Product Cost:	\$4691.50
Number of Acres to be Applied:	71.85 Acres
Per Acre Application Charge:	\$3.00
Anticipated Application Charge:	\$215.55
Total Cost:	\$4907.05
Cost per Applied Acre:	\$68.30
Total Acre Cost:	\$56.85

8076South; 18 (86.32 ac.)

Clipped P Surface 2018



Clipped P Surface 2014



Clipped P Surface 2018

10 - 25lb/a	(3.8 ac. - 4.5%)
25 - 35lb/a	(22.2 ac. - 25.7%)
35 - 50lb/a	(37.3 ac. - 43.2%)
50 - 60lb/a	(8.5 ac. - 9.9%)
60 - 400lb/a	(14.4 ac. - 16.7%)

Date: Apr 17, 2018
Field Name: 8076South; 18
Location: Vermillion Co., Vermillion Co., Illinois, U.S.
Farm Name: CosseyTrust
Client Name: First Financial Danville
Total Acres: 86.32
Field Boundary Start Location:
Latitude: 40.06775528
Longitude: -87.48956805

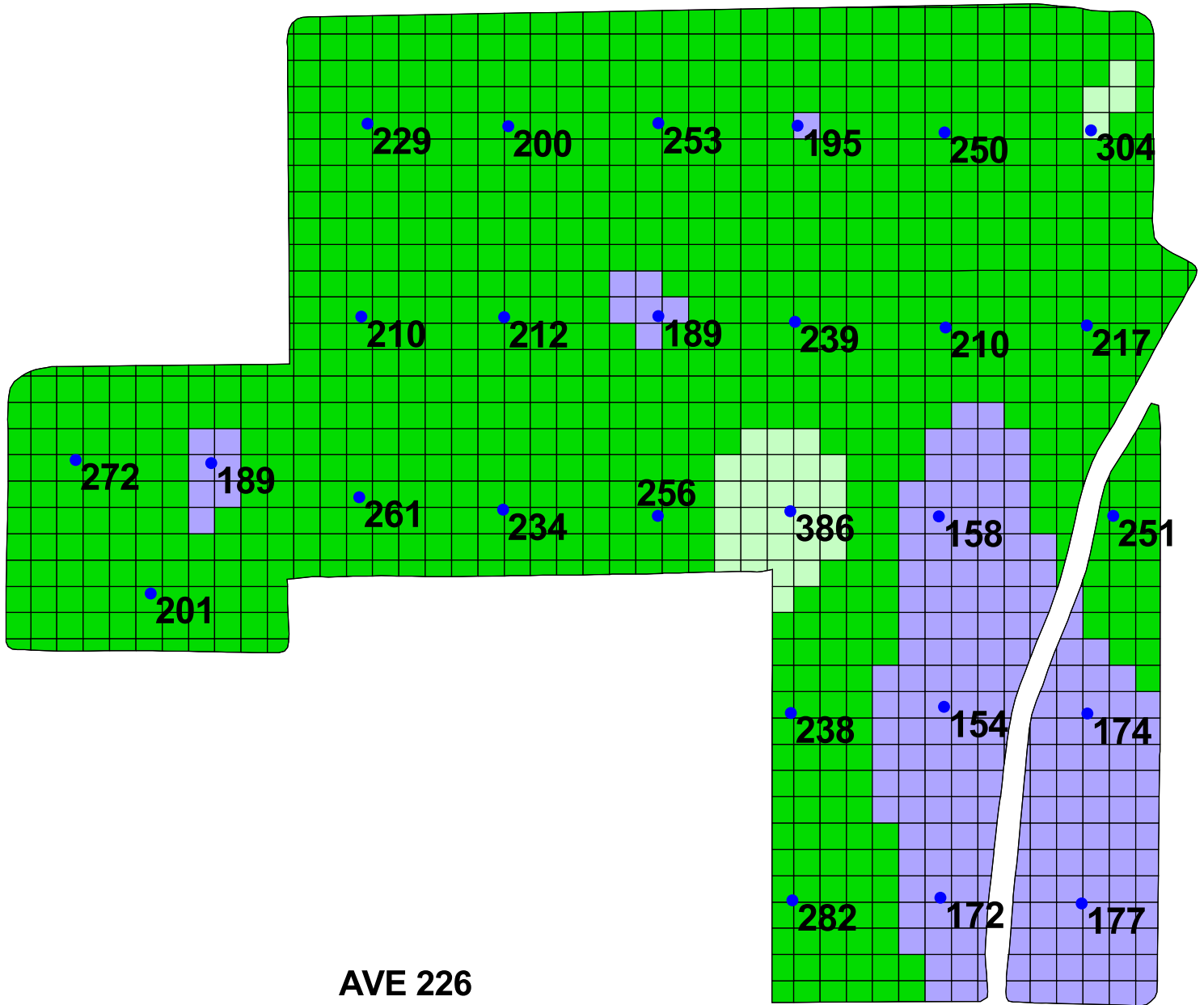
P Stats:
No. of Observations: 1135
Minimum P: 15
Maximum P: 151
Average P: 45

P Stats:
No. of Observations: 1135
Minimum P: 28
Maximum P: 184
Average P: 54

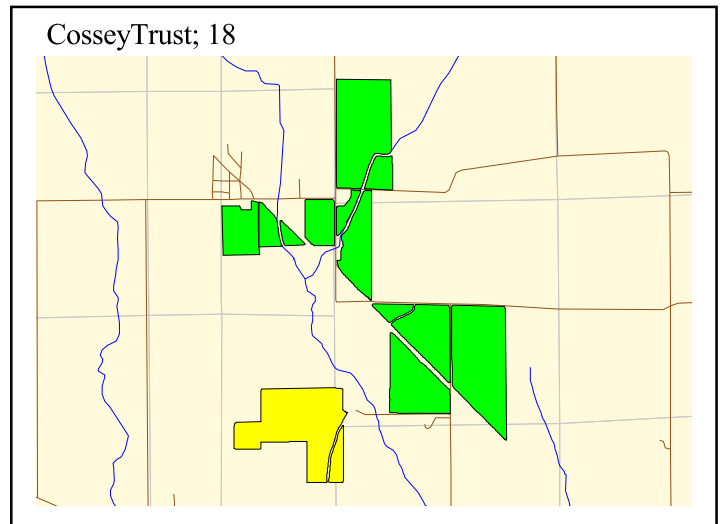
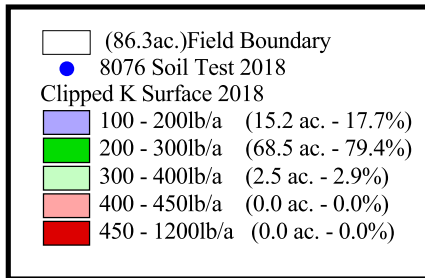
Clipped P Surface 2014

10 - 25lb/a	(0.0 ac. - 0.0%)
25 - 35lb/a	(9.7 ac. - 11.2%)
35 - 50lb/a	(37.6 ac. - 43.6%)
50 - 60lb/a	(15.3 ac. - 17.8%)
60 - 200lb/a	(23.6 ac. - 27.4%)

8076South; 18 (86.32 ac.)

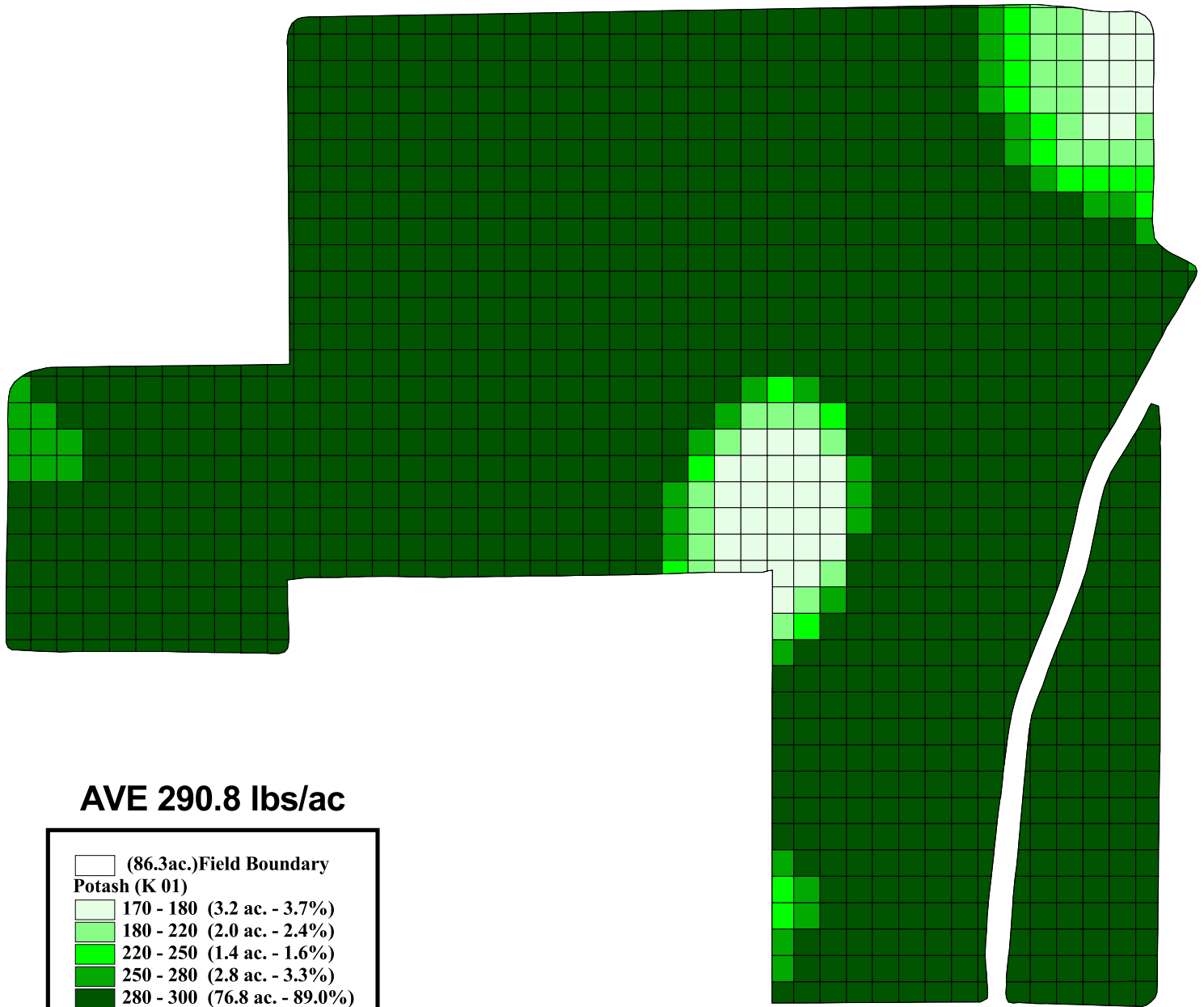


AVE 226









Date: Apr 17, 2018
 Field Name: 8076South; 18
 Location: Vermillion Co., Vermilion Co., Illinois, U.S.
 Farm Name: CosseyTrust
 Client Name: First Financial Danville
 Total Acres: 86.32
 Field Boundary Start Location:
 Latitude: 40.06775528
 Longitude: -87.48956805

8076South; 18 (86.32 ac.) - Potash Recommendation



AVE 290.8 lbs/ac

	(86.3ac.) Field Boundary
Potash (K 01)	
	170 - 180 (3.2 ac. - 3.7%)
	180 - 220 (2.0 ac. - 2.4%)
	220 - 250 (1.4 ac. - 1.6%)
	250 - 280 (2.8 ac. - 3.3%)
	280 - 300 (76.8 ac. - 89.0%)

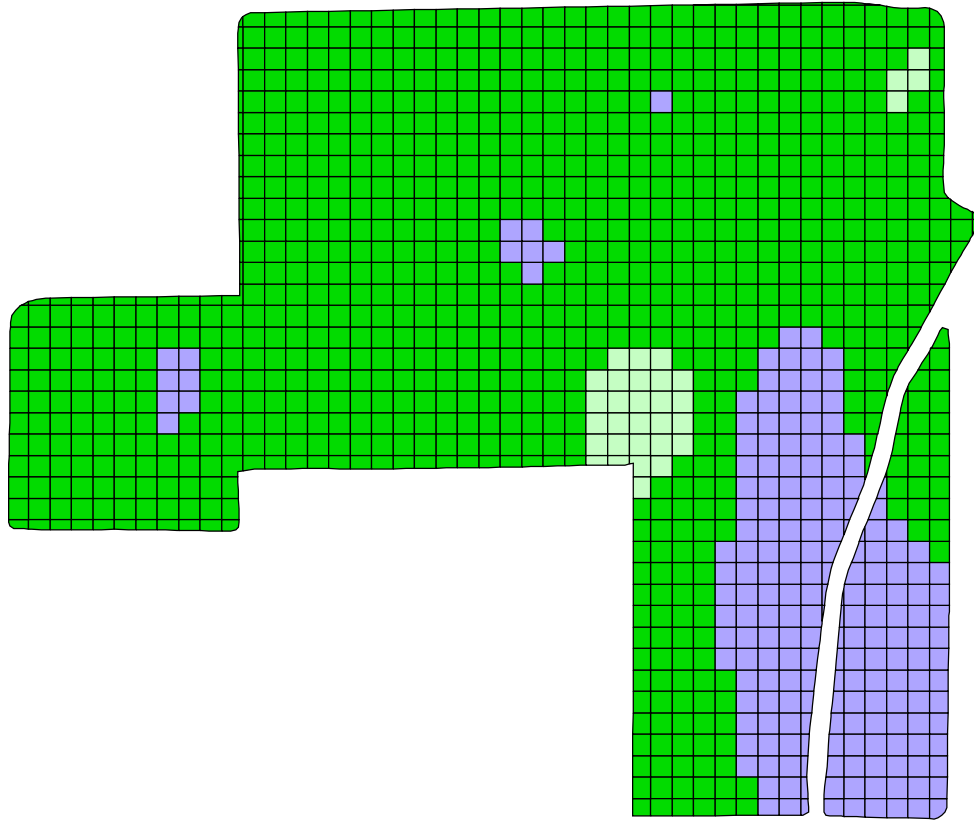
Equation Used: K 01

Date: Apr 17, 2018
 Field Name: 8076South; 18
 Farm Name: CosseyTrust
 Client Name: First Financial Danville
 Location: Vermillion Co., Vermillion Co., Illinois, U.S.
 Total Acres: 86.32
 Field Boundary Start Location:
 Latitude: 40.06775528
 Longitude: -87.48956805

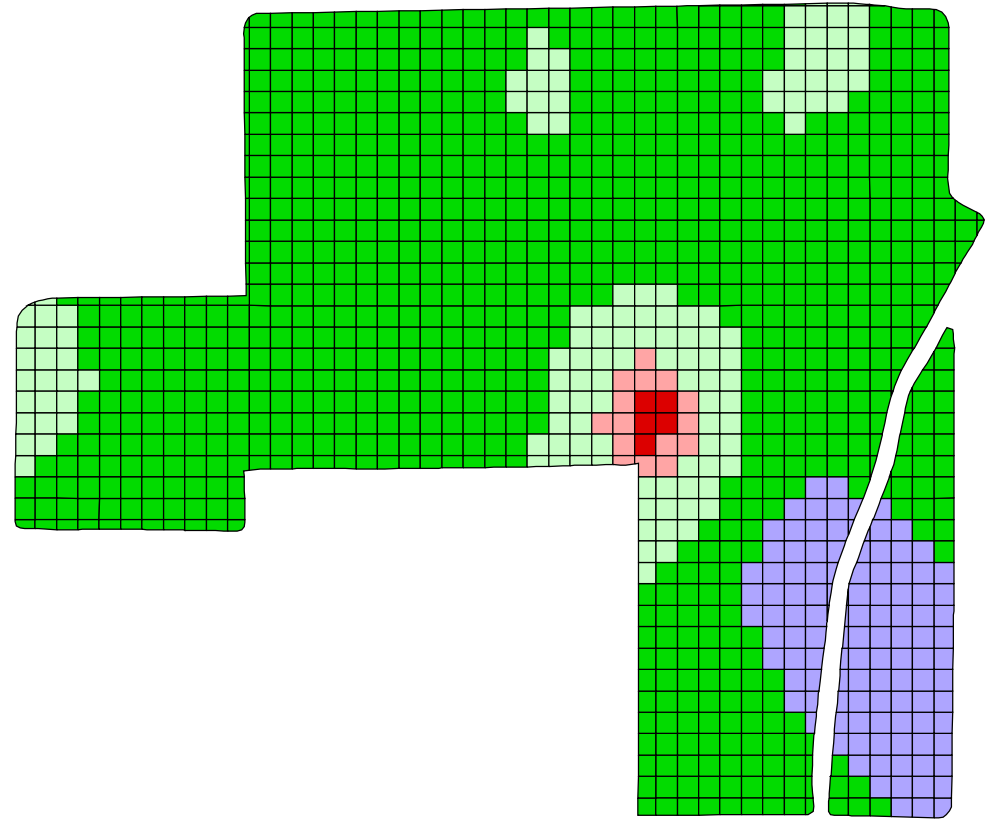
Application Estimates:	
Product:	Potash
Min. Rate:	170.0 Lbs/ac.
Max. Rate:	300.0 Lbs/ac.
Avg. Rate:	290.7 Lbs/ac.
Total Potash:	12.55 Tons
Total K (60%):	7.53 Tons
Product Price per ton:	\$330.00
Product Cost:	\$4141.50
Number of Acres to be Applied:	86.29 Acres
Per Acre Application Charge:	\$6.00
Anticipated Application Charge:	\$517.74
Total Cost:	\$4659.24
Cost per Applied Acre:	\$54.00
Total Acre Cost:	\$53.98

8076South; 18 (86.32 ac.)

Clipped K Surface 2018



Clipped K Surface 2014



Clipped K Surface 2018

100 - 200lb/a	(15.2 ac. - 17.7%)
200 - 300lb/a	(68.5 ac. - 79.4%)
300 - 400lb/a	(2.5 ac. - 2.9%)
400 - 450lb/a	(0.0 ac. - 0.0%)
450 - 1200lb/a	(0.0 ac. - 0.0%)

Date: Apr 17, 2018
Field Name: 8076South; 18
Location: Vermillion Co., Vermillion Co., Illinois, U.S.
Farm Name: CosseyTrust
Client Name: First Financial Danville
Total Acres: 86.32
Field Boundary Start Location:
Latitude: 40.06775528
Longitude: -87.48956805

K Stats:
No. of Observations: 1135
Minimum K: 154
Maximum K: 372
Average K: 226

K Stats:
No. of Observations: 1135
Minimum K: 161
Maximum K: 488
Average K: 260

Clipped K Surface 2014

100 - 200lb/a	(8.2 ac. - 9.5%)
200 - 300lb/a	(66.6 ac. - 77.2%)
300 - 400lb/a	(9.9 ac. - 11.4%)
400 - 450lb/a	(1.2 ac. - 1.4%)
450 - 600lb/a	(0.4 ac. - 0.5%)

ID	#	pH	OM	P	K	Mg	Ca	S	B	Zn	Mn	Fe	Cu	Na	bpH	CEC	%K	%Mg	%Ca
1		6.0	2.8	45	226	483	3444	47	0.46	3.77	143	332.2	2.93	5.7	6.7	14.69	2.09%	13.99%	60.40%