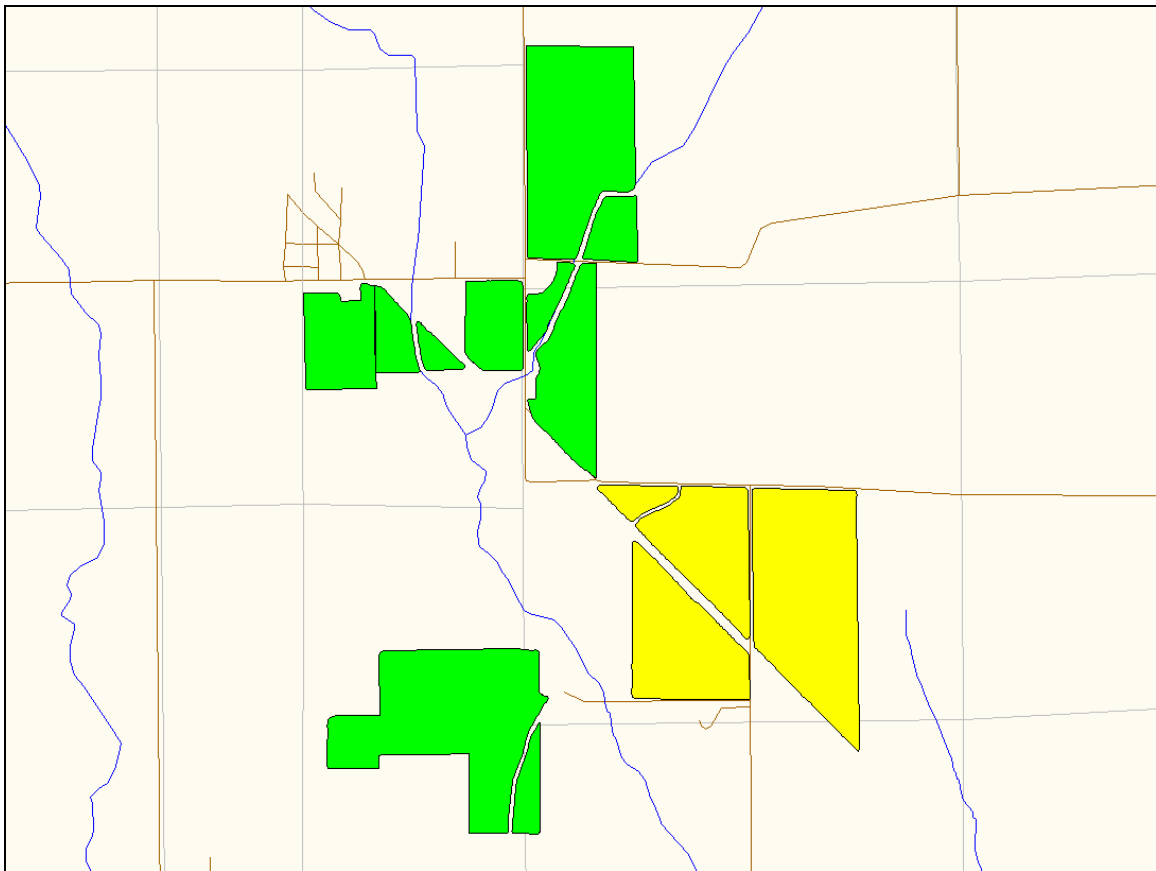
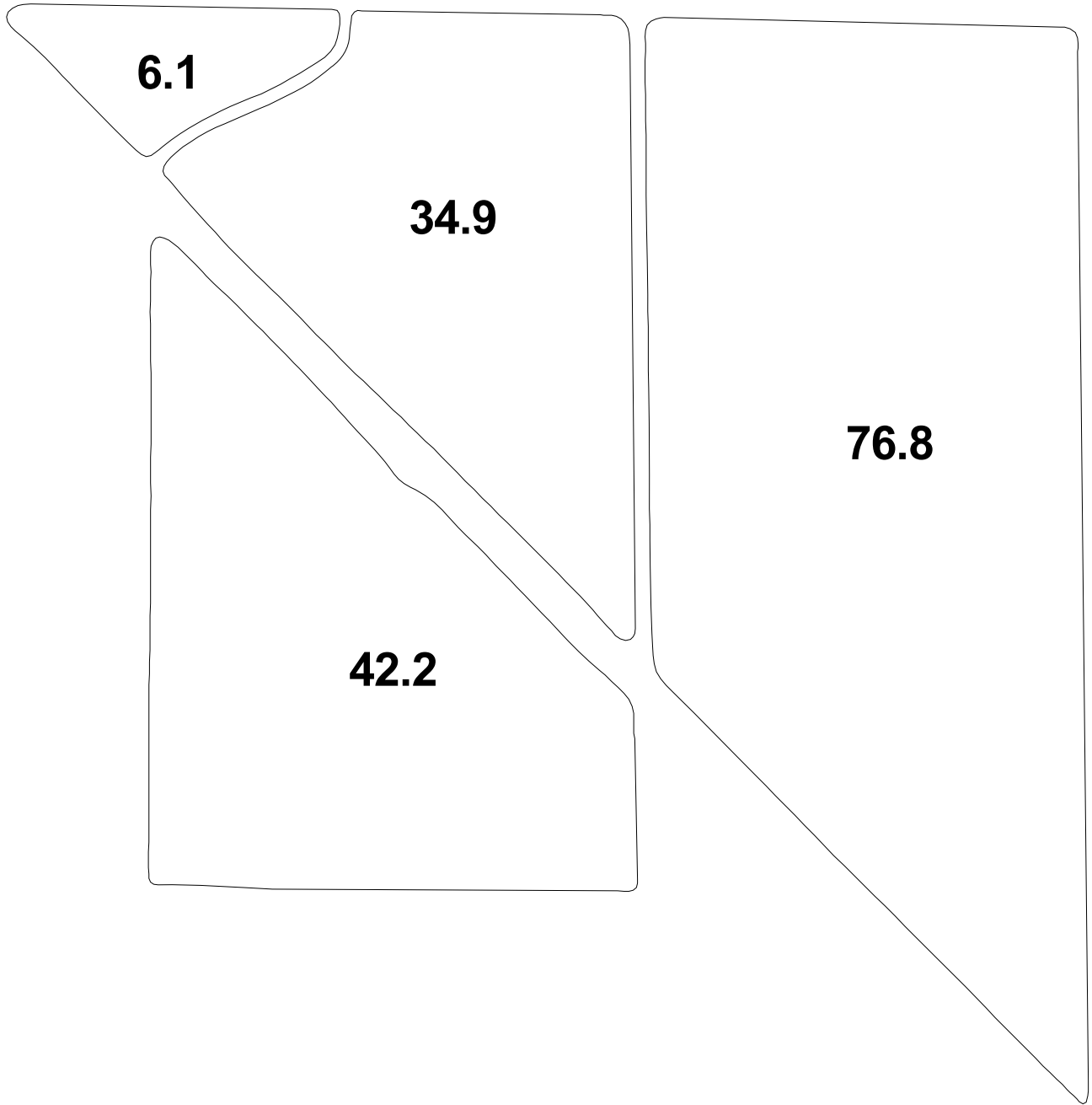



**First Financial Bank**  
**Soil Test Report**  
**2018**

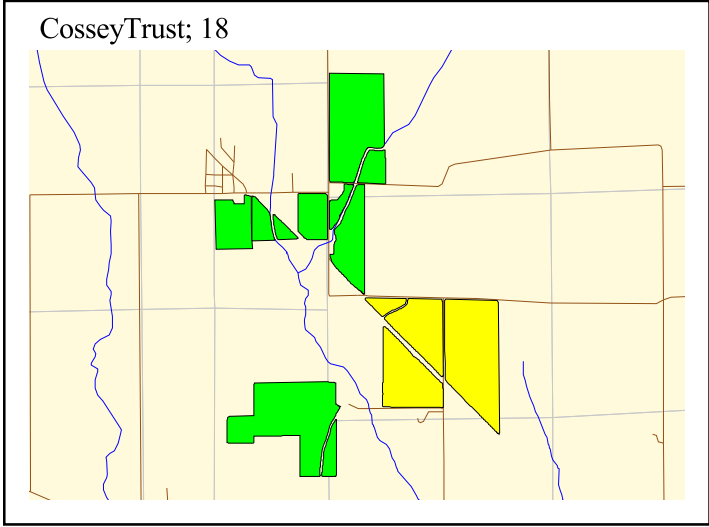


**Cossey Trust**  
**#8075**  
**160A sec19 HIGHLAND**

8075East; 18 (159.99 ac.)

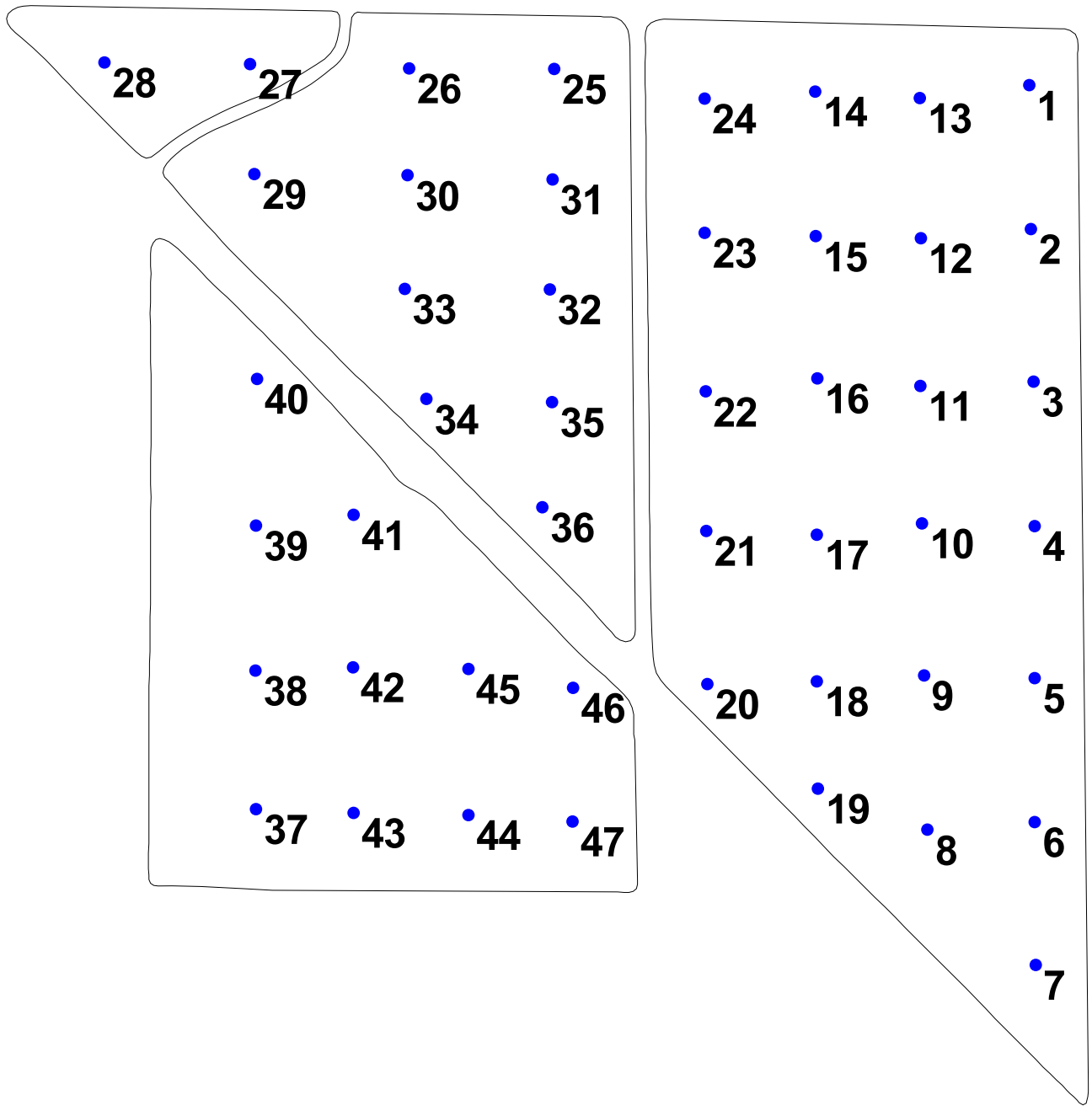


 (160.0ac.)Field Boundary

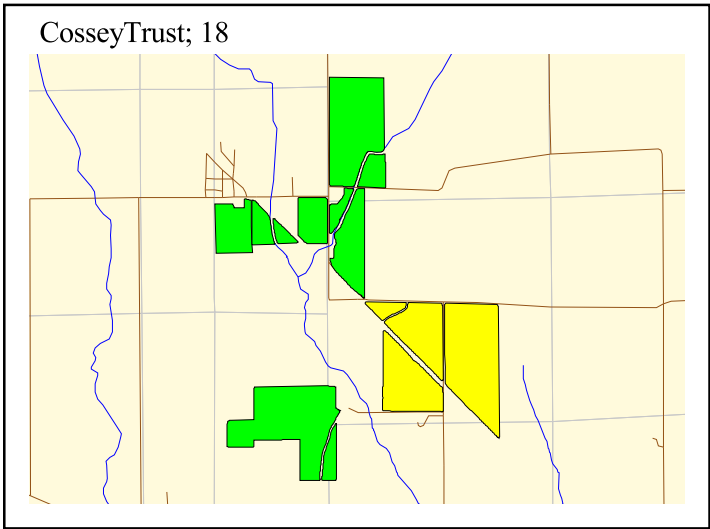


Date: Apr 18, 2018  
Field Name: 8075East; 18  
Location: Vermillion Co., Vermilion Co., Illinois, U.S.  
Farm Name: CosseyTrust  
Client Name: First Financial Danville  
Total Acres: 159.99  
Field Boundary Start Location:  
Latitude: 40.07431042  
Longitude: -87.48038129

8075East; 18 (159.99 ac.)

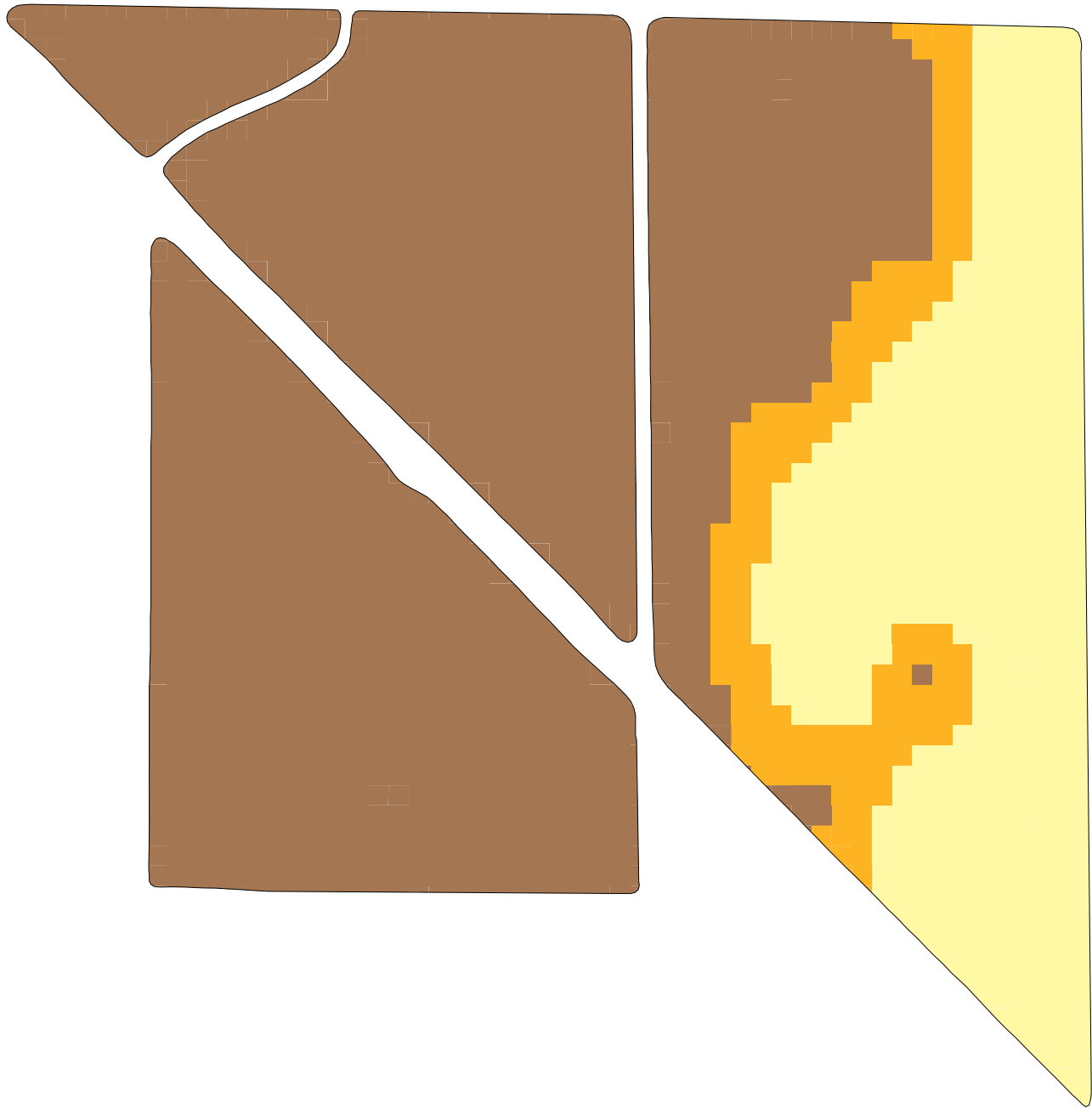










(160.0ac.)Field Boundary  
● 8075 Soil Test 2018

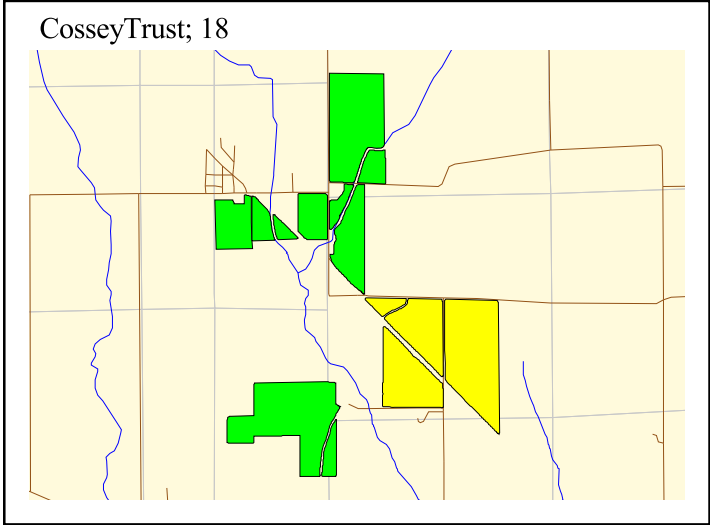


Date: Apr 18, 2018  
Field Name: 8075East; 18  
Location: Vermillion Co., Vermilion Co., Illinois, U.S.  
Farm Name: CosseyTrust  
Client Name: First Financial Danville  
Total Acres: 159.99  
Field Boundary Start Location:  
Latitude: 40.07431042  
Longitude: -87.48038129

# 8075East; 18 (159.99 ac.)



	(160.0ac.)Field Boundary
	Clipped Om Surface 2018
	< 2.1% (0.0 ac. - 0.0%)
	2.1 - 2.7% (40.0 ac. - 25.0%)
	2.7 - 2.9% (12.8 ac. - 8.0%)
	2.9 - 3.2% (107.1 ac. - 67.0%)
	3.2 - 3.6% (0.0 ac. - 0.0%)
	3.6 - 5.0% (0.0 ac. - 0.0%)

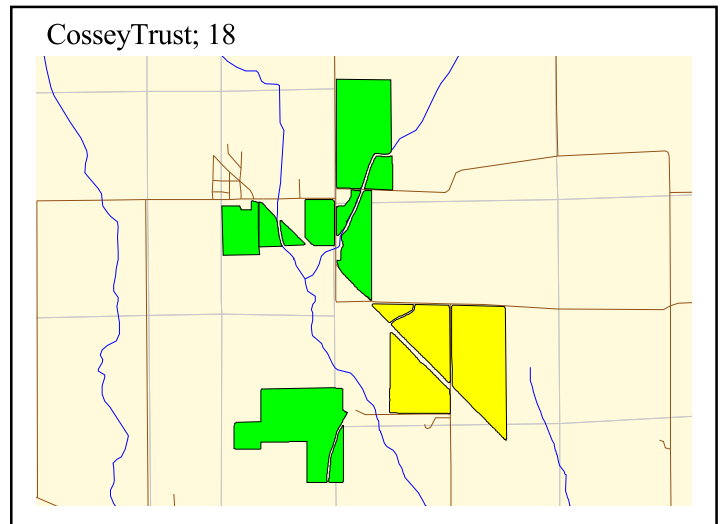
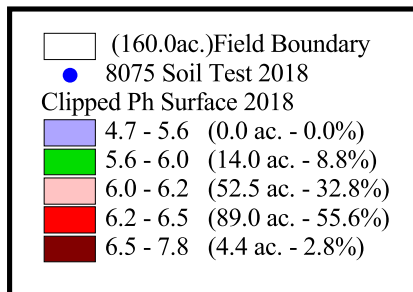


Date: Apr 18, 2018  
Field Name: 8075East; 18  
Location: Vermillion Co., Vermillion Co., Illinois, U.S.  
Farm Name: CosseyTrust  
Client Name: First Financial Danville  
Total Acres: 159.99  
Field Boundary Start Location:  
Latitude: 40.07431042  
Longitude: -87.48038129

8075East; 18 (159.99 ac.)

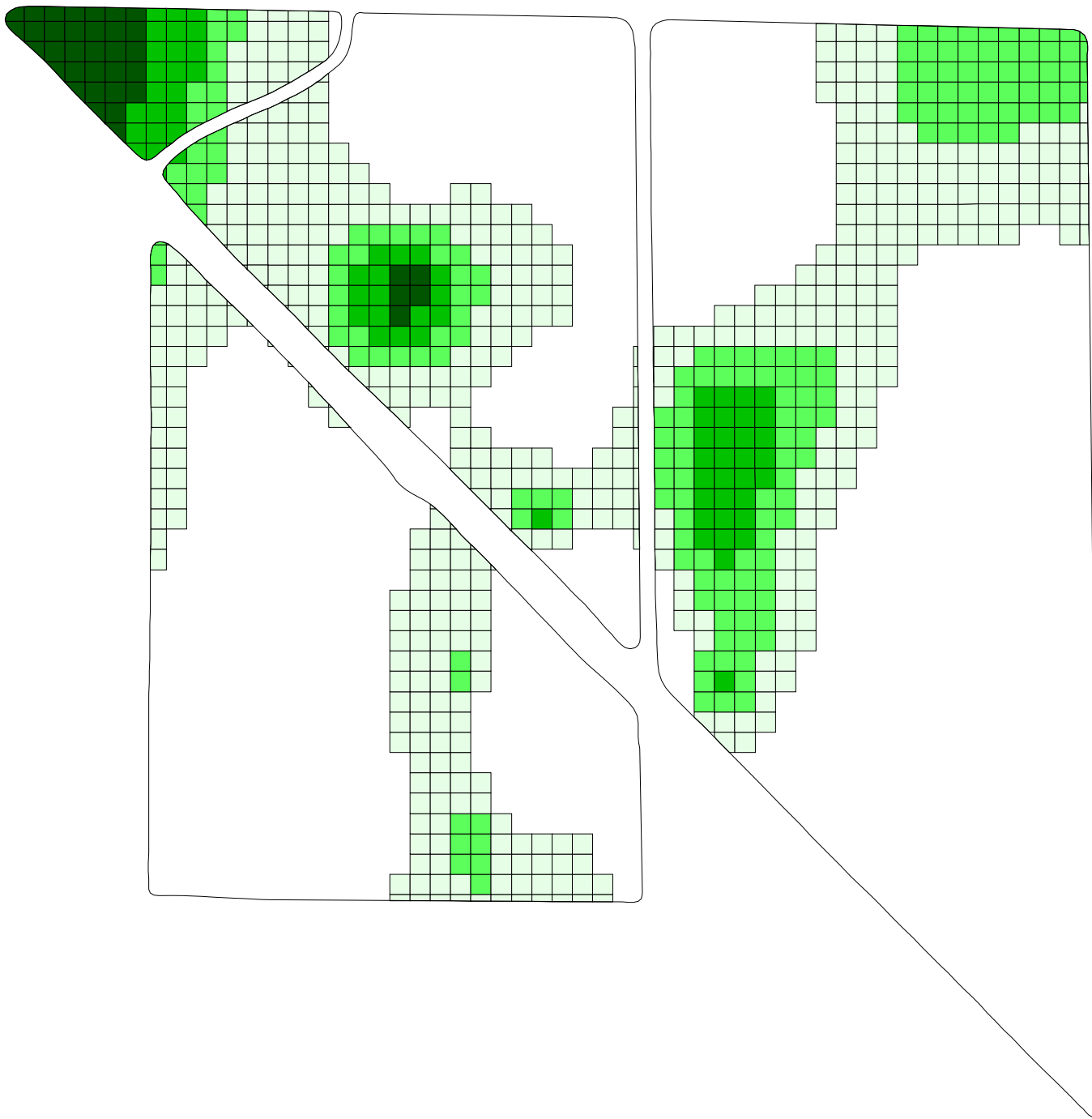


**AVE 6.2**



Date: Apr 18, 2018  
 Field Name: 8075East; 18  
 Location: Vermillion Co., Vermilion Co., Illinois, U.S.  
 Farm Name: CosseyTrust  
 Client Name: First Financial Danville  
 Total Acres: 159.99  
 Field Boundary Start Location:  
 Latitude: 40.07431042  
 Longitude: -87.48038129

# 8075East; 18 (159.99 ac.) - AgLime Recommendation



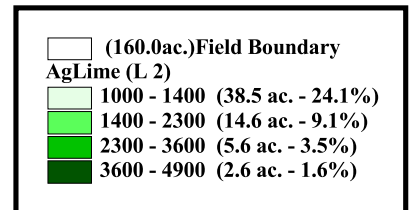
Equation Used: L 2

Date: Apr 18, 2018  
 Field Name: 8075East; 18  
 Farm Name: CosseyTrust  
 Client Name: First Financial Danville  
 Location: Vermillion Co., Vermilion Co., Illinois, U.S.  
 Total Acres: 159.99  
 Field Boundary Start Location:  
 Latitude: 40.07431042  
 Longitude: -87.48038129

### Application Estimates:

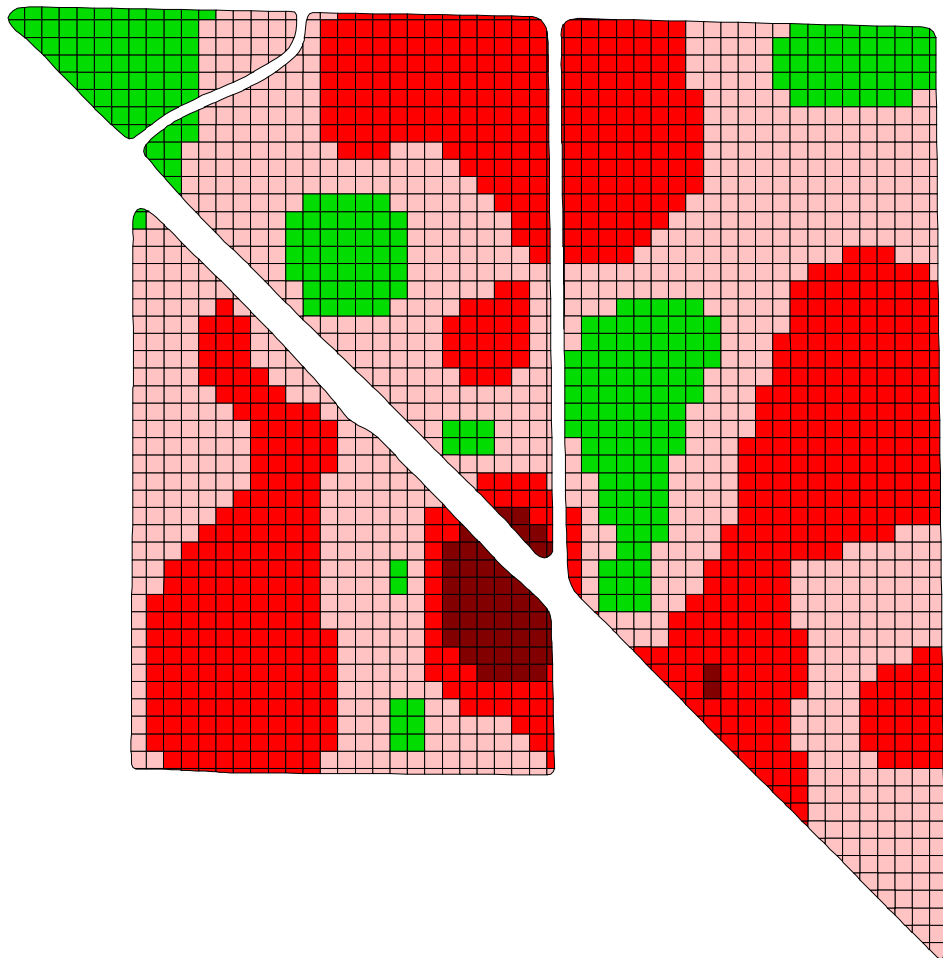
Product: AgLime  
 Min. Rate: 1000.0 Lbs/ac.  
 Max. Rate: 4900.0 Lbs/ac.  
 Avg. Rate: 1555.7 Lbs/ac.  
 Total AgLime: 47.62 Tons  
 Total Lime (100%): 47.62 Tons  
 Product Price per ton: \$23.00  
 Product Cost: \$1095.26  
 Number of Acres to be Applied: 61.34 Acres  
 Per Acre Application Charge: \$0.00  
 Anticipated Application Charge: \$0.00  
 Total Cost: \$1095.26  
 Cost per Applied Acre: \$17.86  
 Total Acre Cost: \$6.85

## AVE 595.3 lbs/ac

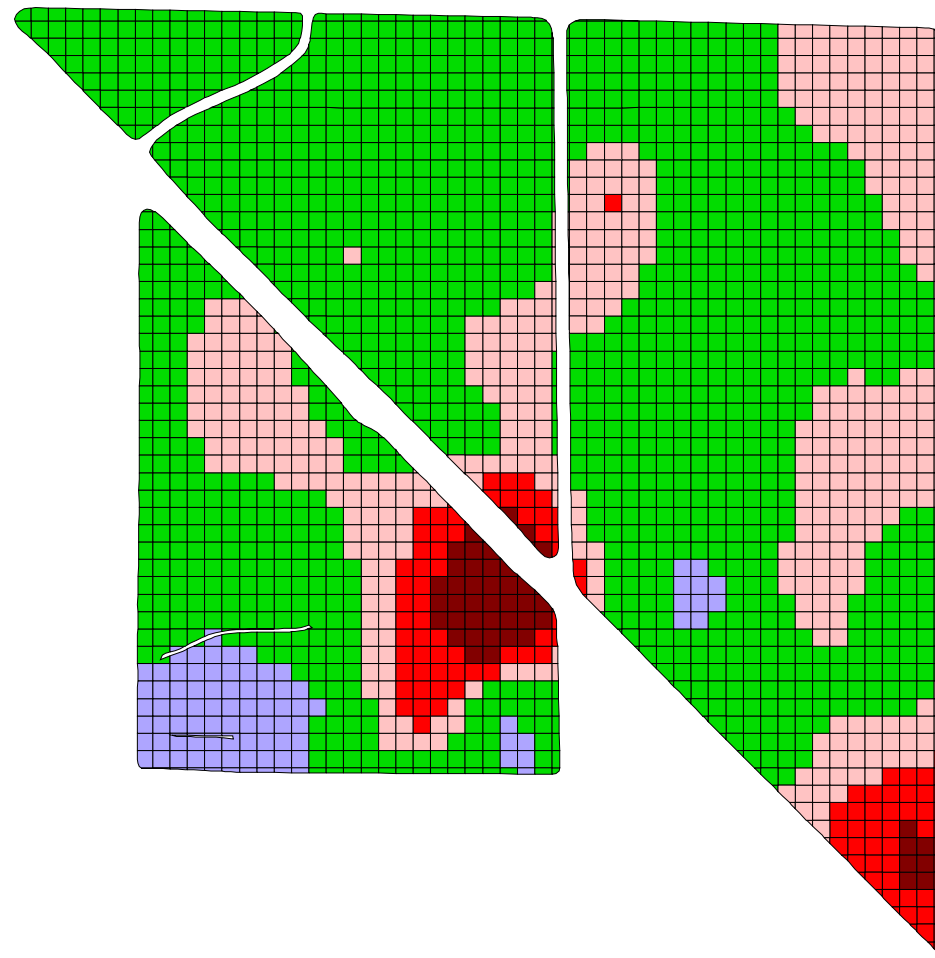


# 8075East; 18 (159.99 ac.)

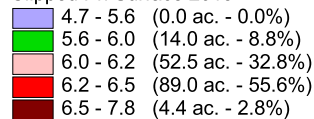
Clipped Ph Surface 2018



Clipped pH Surface 2014



Clipped Ph Surface 2018

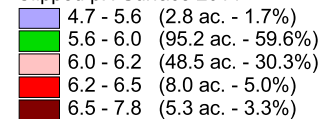


**Date:** Apr 18, 2018  
**Field Name:** 8075East; 18  
**Location:** Vermillion Co., Vermillion Co., Illinois, U.S.  
**Farm Name:** CosseyTrust  
**Client Name:** First Financial Danville  
**Total Acres:** 159.99  
**Field Boundary Start Location:**  
**Latitude:** 40.07431042  
**Longitude:** -87.48038129

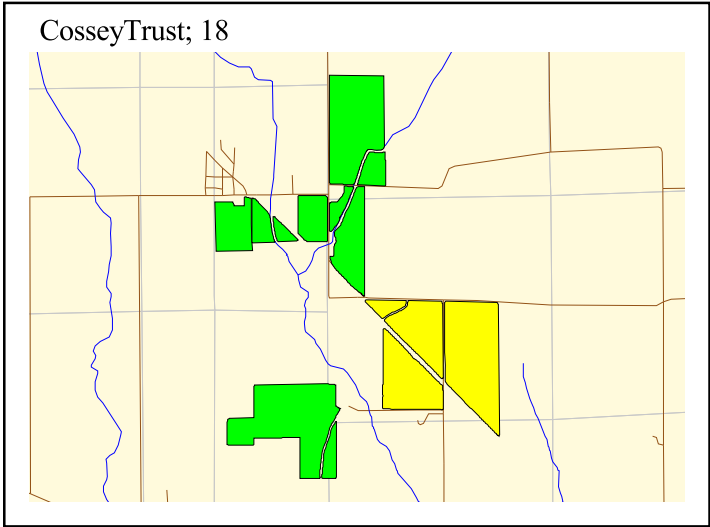
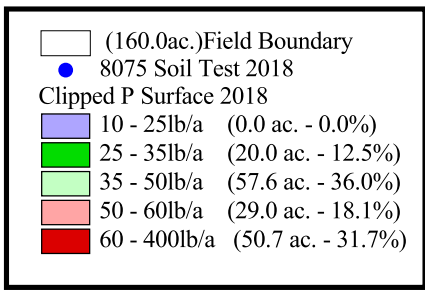
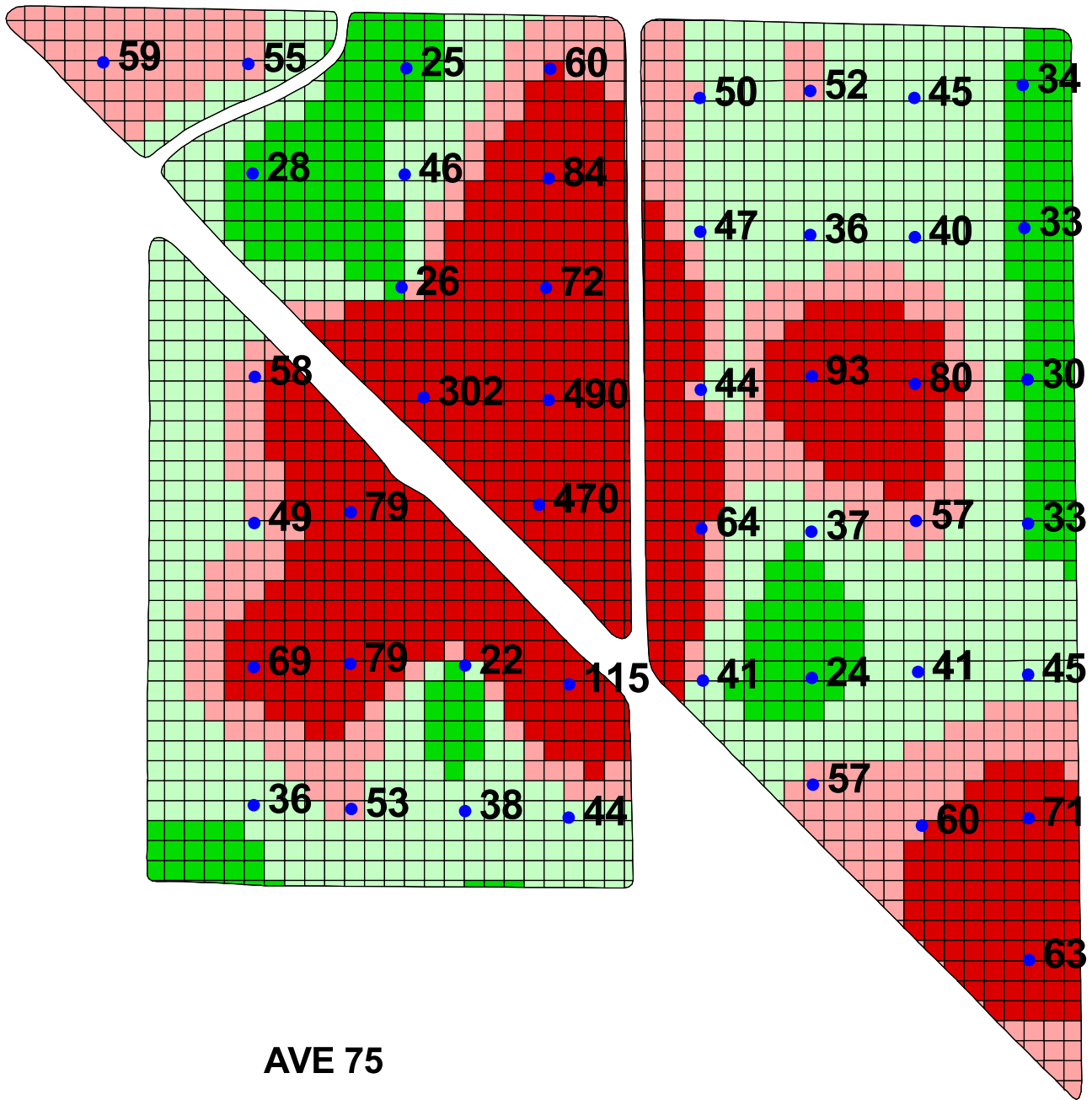
**Ph Stats:**  
**No. of Observations:** 2164  
**Minimum Ph:** 5.7  
**Maximum Ph:** 7.7  
**Average Ph:** 6.2

**Ph Stats:**  
**No. of Observations:** 2174  
**Minimum Ph:** 5.6  
**Maximum Ph:** 7.3  
**Average Ph:** 6.0

Clipped pH Surface 2014



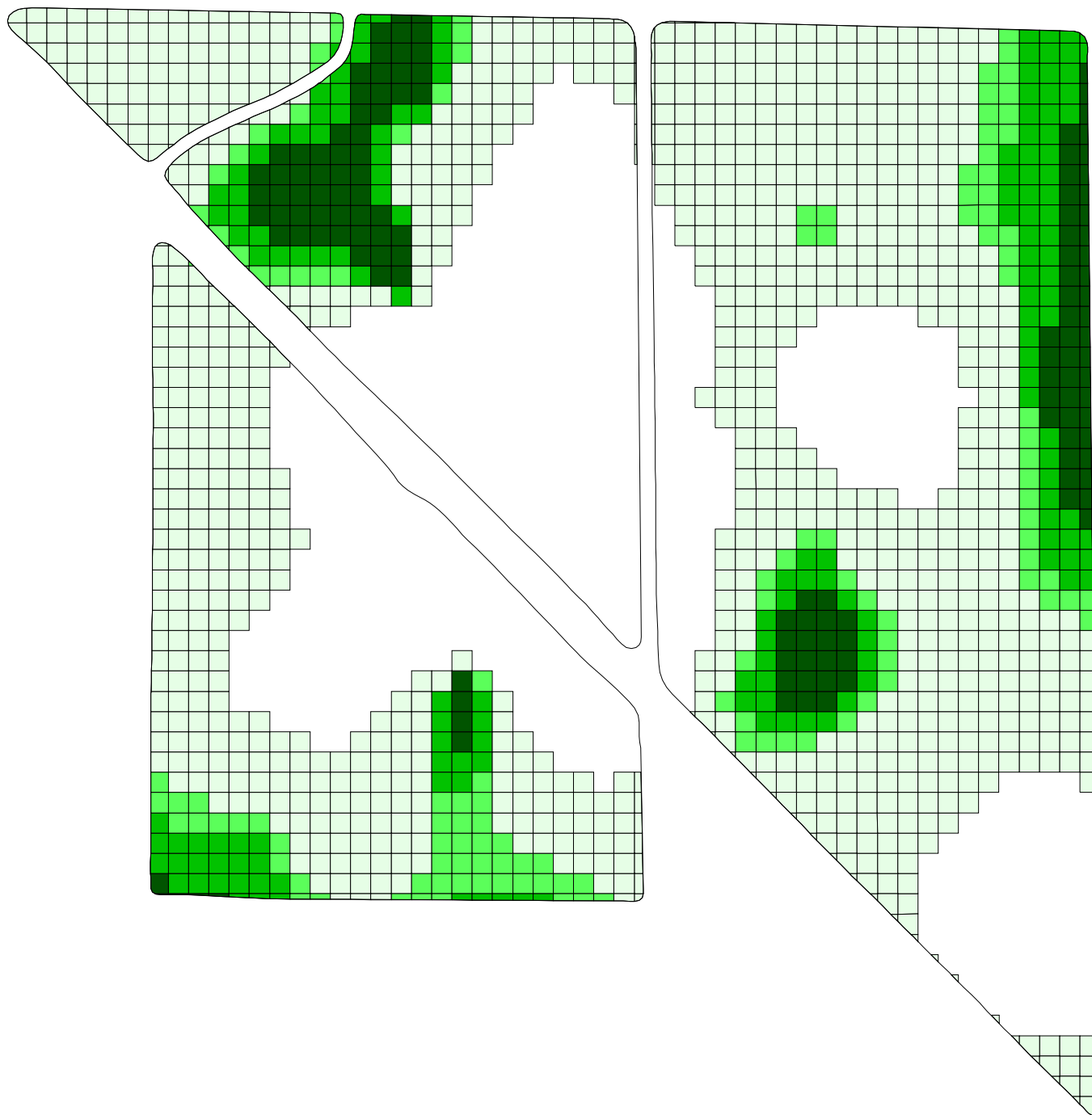
8075East; 18 (159.99 ac.)



Date: Apr 18, 2018  
 Field Name: 8075East; 18  
 Location: Vermillion Co., Vermilion Co., Illinois, U.S.  
 Farm Name: CosseyTrust  
 Client Name: First Financial Danville  
 Total Acres: 159.99  
 Field Boundary Start Location:  
 Latitude: 40.07431042  
 Longitude: -87.48038129



# 8075East; 18 (159.99 ac.) - TSP Recommendation



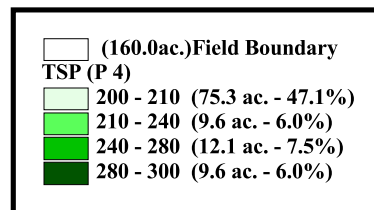
Equation Used: P 4

Date: Apr 18, 2018  
 Field Name: 8075East; 18  
 Farm Name: CosseyTrust  
 Client Name: First Financial Danville  
 Location: Vermillion Co., Vermilion Co., Illinois, U.S.  
 Total Acres: 159.99  
 Field Boundary Start Location:  
 Latitude: 40.07431042  
 Longitude: -87.48038129

### Application Estimates:

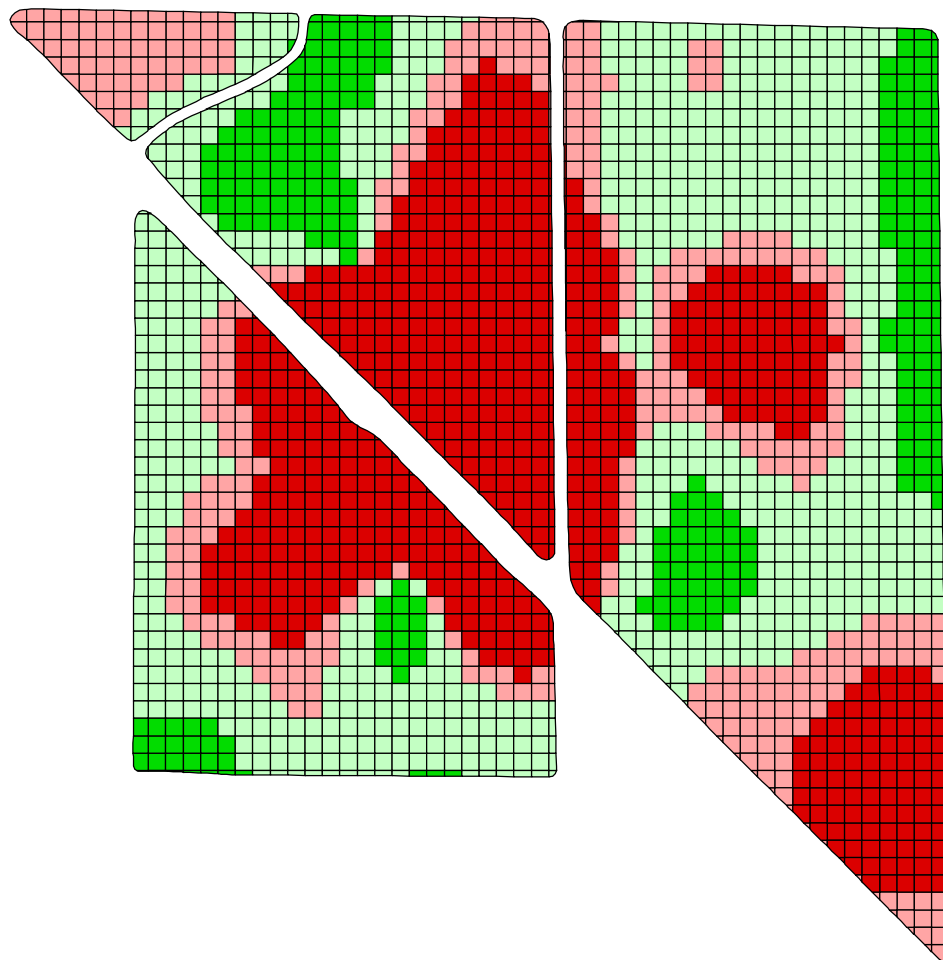
Product: TSP  
 Min. Rate: 200.0 Lbs/ac.  
 Max. Rate: 300.0 Lbs/ac.  
 Avg. Rate: 219.3 Lbs/ac.  
 Total TSP: 11.68 Tons  
 Total P (45%): 5.26 Tons  
 Total Total (100%): 11.68 Tons  
 Product Price per ton: \$550.00  
 Product Cost: \$6424.00  
 Number of Acres to be Applied: 106.57 Acres  
 Per Acre Application Charge: \$3.00  
 Anticipated Application Charge: \$319.71  
 Total Cost: \$6743.71  
 Cost per Applied Acre: \$63.28  
 Total Acre Cost: \$42.15

## AVE 146 lbs/ac

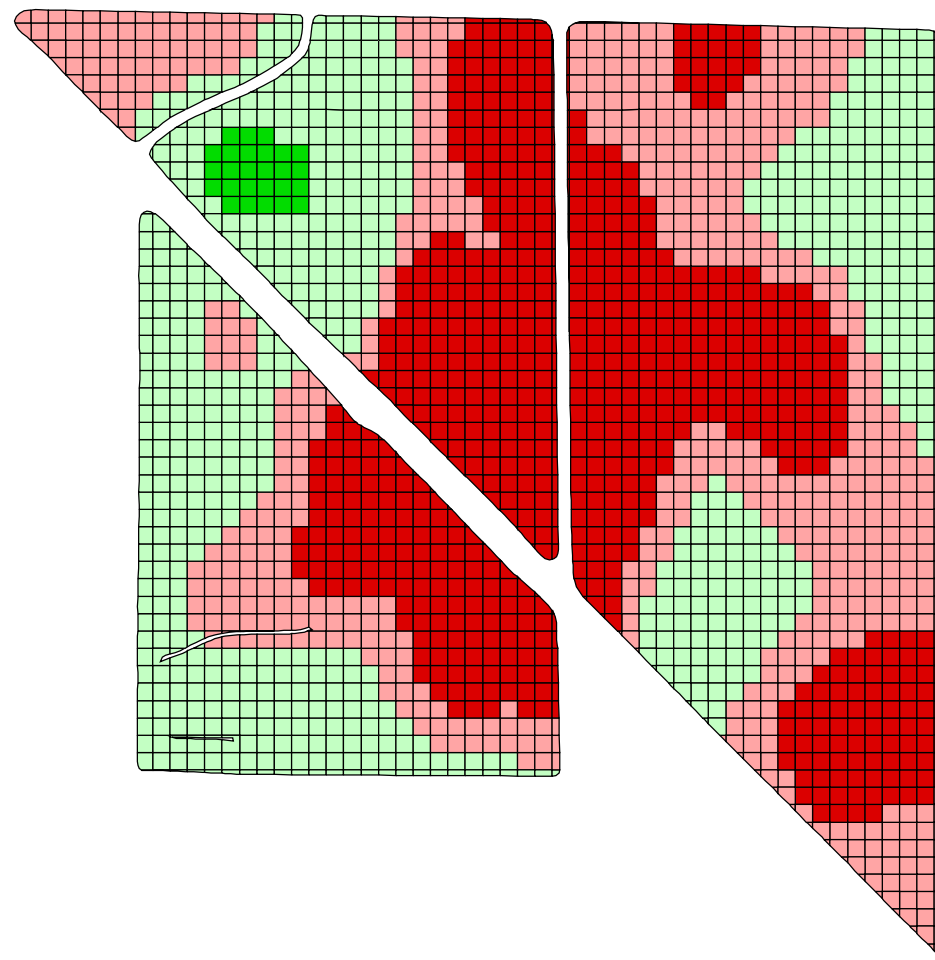


# 8075East; 18 (159.99 ac.)

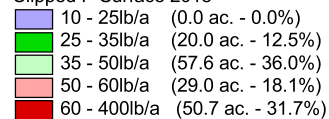
Clipped P Surface 2018



Clipped P Surface 2014



Clipped P Surface 2018

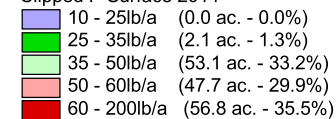


**Date:** Apr 18, 2018  
**Field Name:** 8075East; 18  
**Location:** Vermillion Co., Vermillion Co., Illinois, U.S.  
**Farm Name:** CosseyTrust  
**Client Name:** First Financial Danville  
**Total Acres:** 159.99  
**Field Boundary Start Location:**  
**Latitude:** 40.07431042  
**Longitude:** -87.48038129

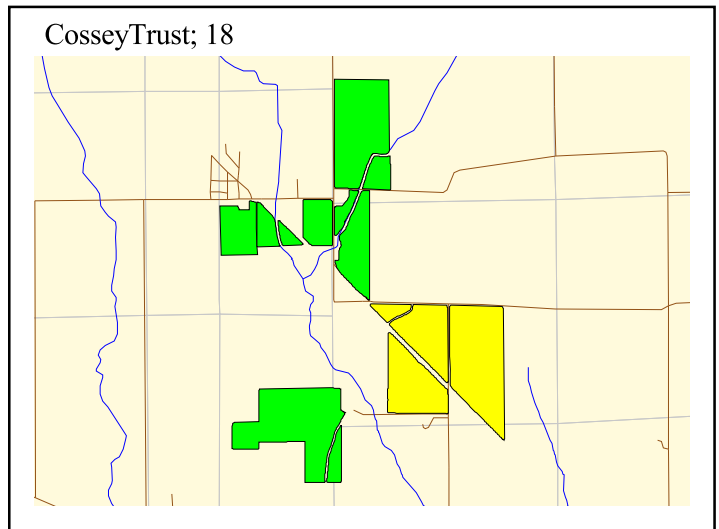
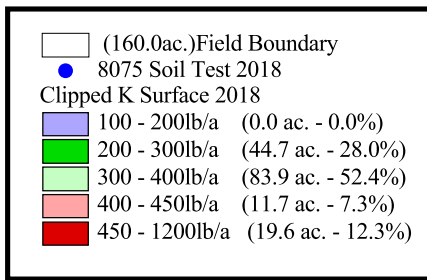
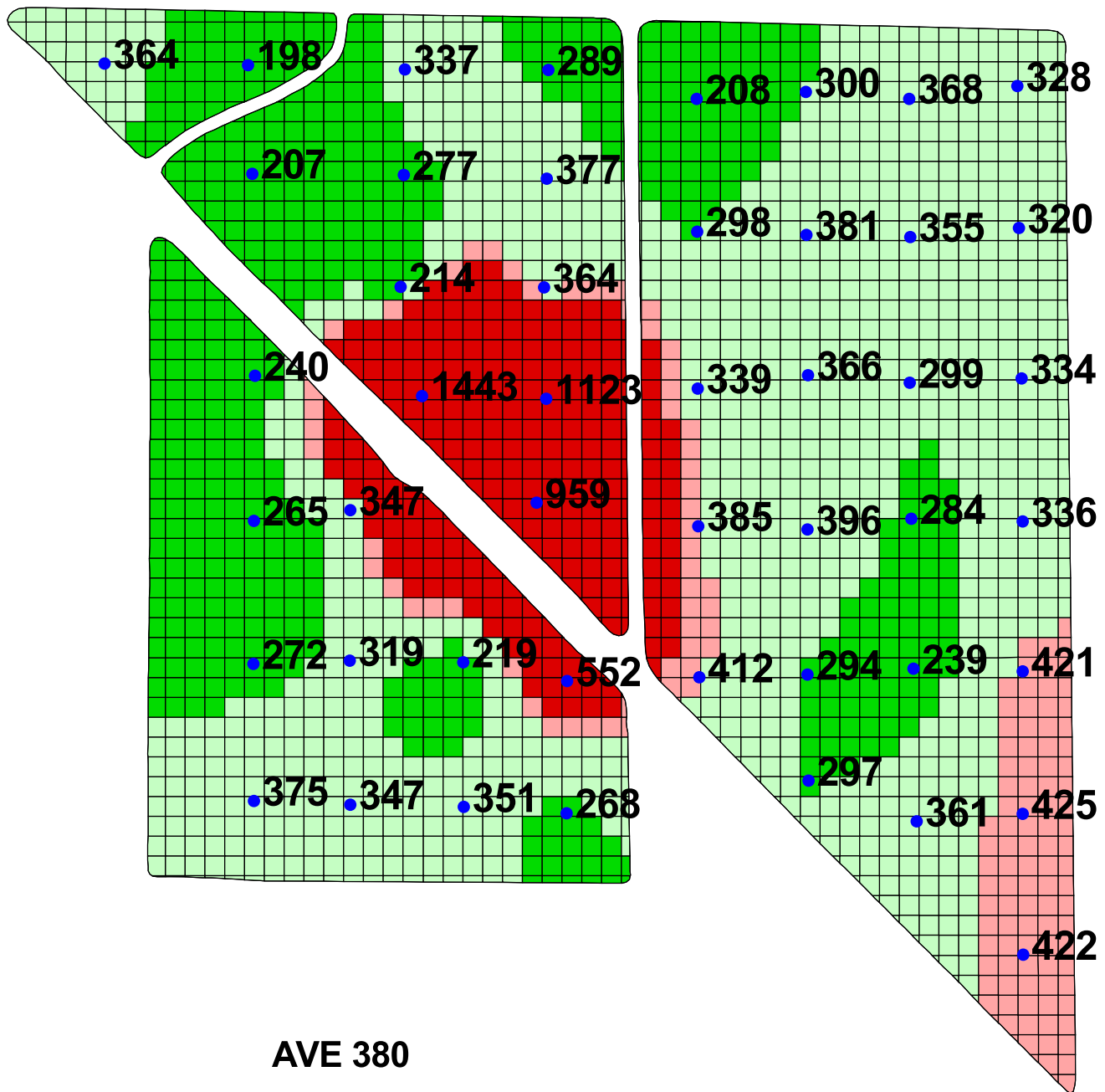
**P Stats:**  
**No. of Observations:** 2164  
**Minimum P:** 25  
**Maximum P:** 478  
**Average P:** 75

**P Stats:**  
**No. of Observations:** 2174  
**Minimum P:** 30  
**Maximum P:** 192  
**Average P:** 62

Clipped P Surface 2014

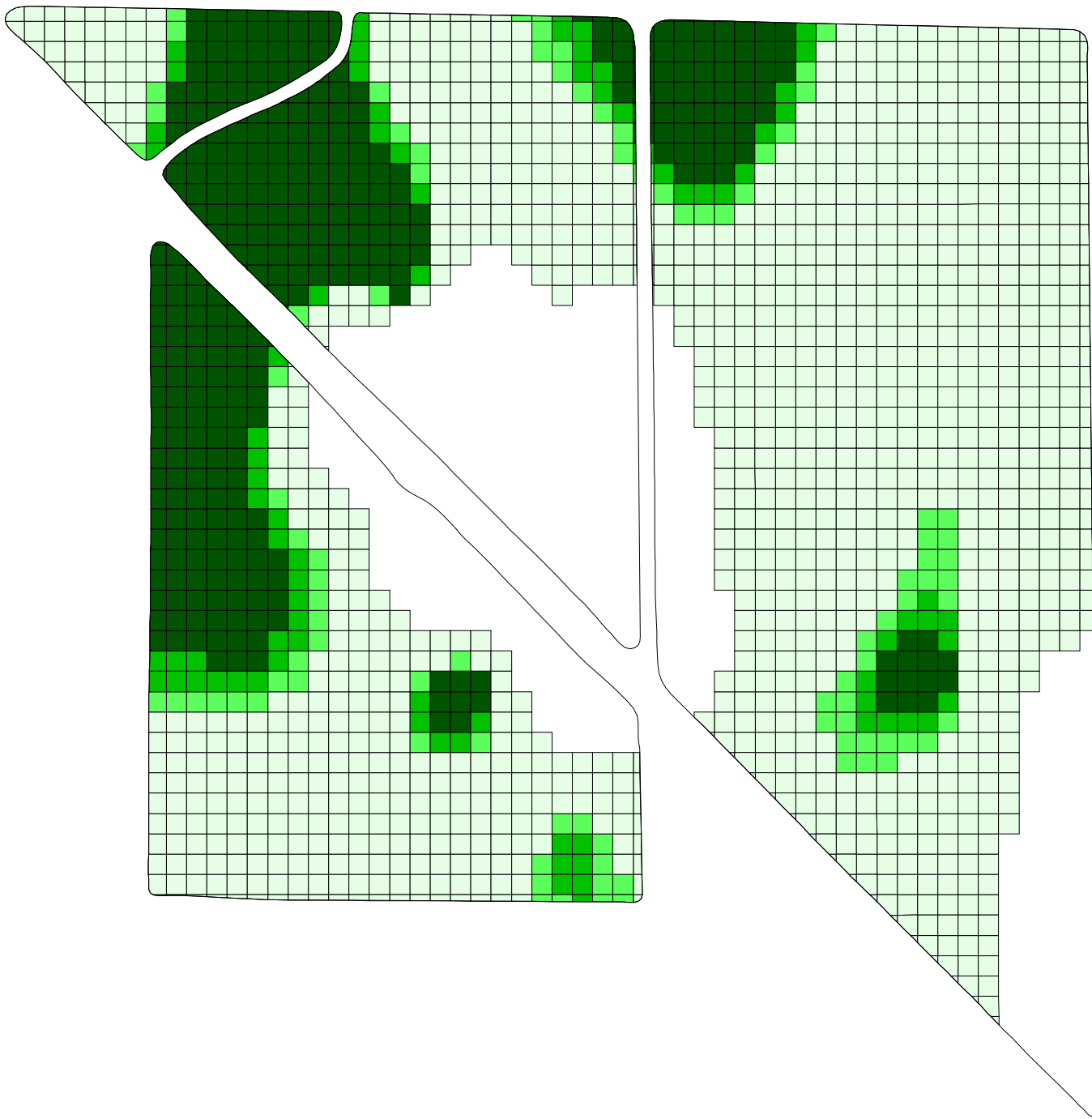


8075East; 18 (159.99 ac.)



Date: Apr 18, 2018  
 Field Name: 8075East; 18  
 Location: Vermillion Co., Vermilion Co., Illinois, U.S.  
 Farm Name: CosseyTrust  
 Client Name: First Financial Danville  
 Total Acres: 159.99  
 Field Boundary Start Location:  
 Latitude: 40.07431042  
 Longitude: -87.48038129

# 8075East; 18 (159.99 ac.) - Potash Recommendation



Equation Used: K 01

Date: Apr 18, 2018  
 Field Name: 8075East; 18  
 Farm Name: CosseyTrust  
 Client Name: First Financial Danville  
 Location: Vermillion Co., Vermilion Co., Illinois, U.S.  
 Total Acres: 159.99  
 Field Boundary Start Location:  
 Latitude: 40.07431042  
 Longitude: -87.48038129

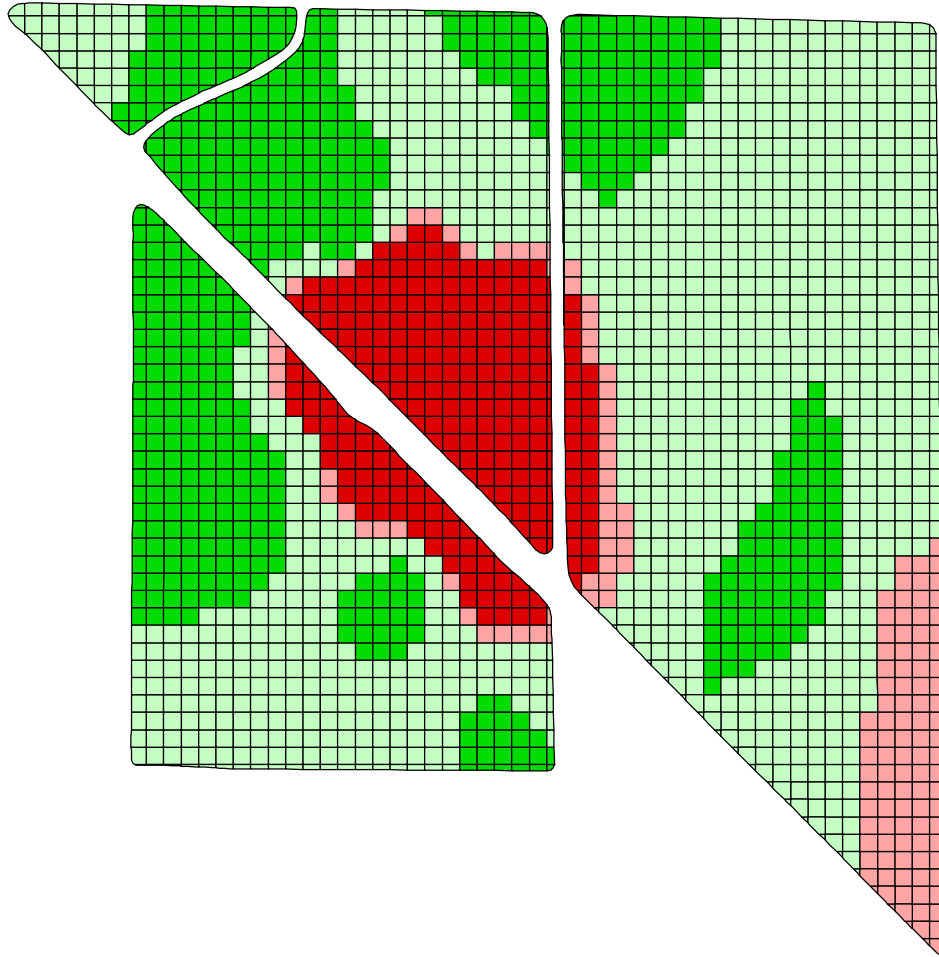
<b>Application Estimates:</b>	
Product:	Potash
Min. Rate:	170.0 Lbs/ac.
Max. Rate:	300.0 Lbs/ac.
Avg. Rate:	204.5 Lbs/ac.
Total Potash:	13.03 Tons
Total K (60%):	7.82 Tons
Product Price per ton:	\$330.00
Product Cost:	\$4299.90
Number of Acres to be Applied:	128.62 Acres
Per Acre Application Charge:	\$6.00
Anticipated Application Charge:	\$771.72
Total Cost:	\$5071.62
Cost per Applied Acre:	\$39.43
Total Acre Cost:	\$31.70

**AVE 162.9 lbs/ac**

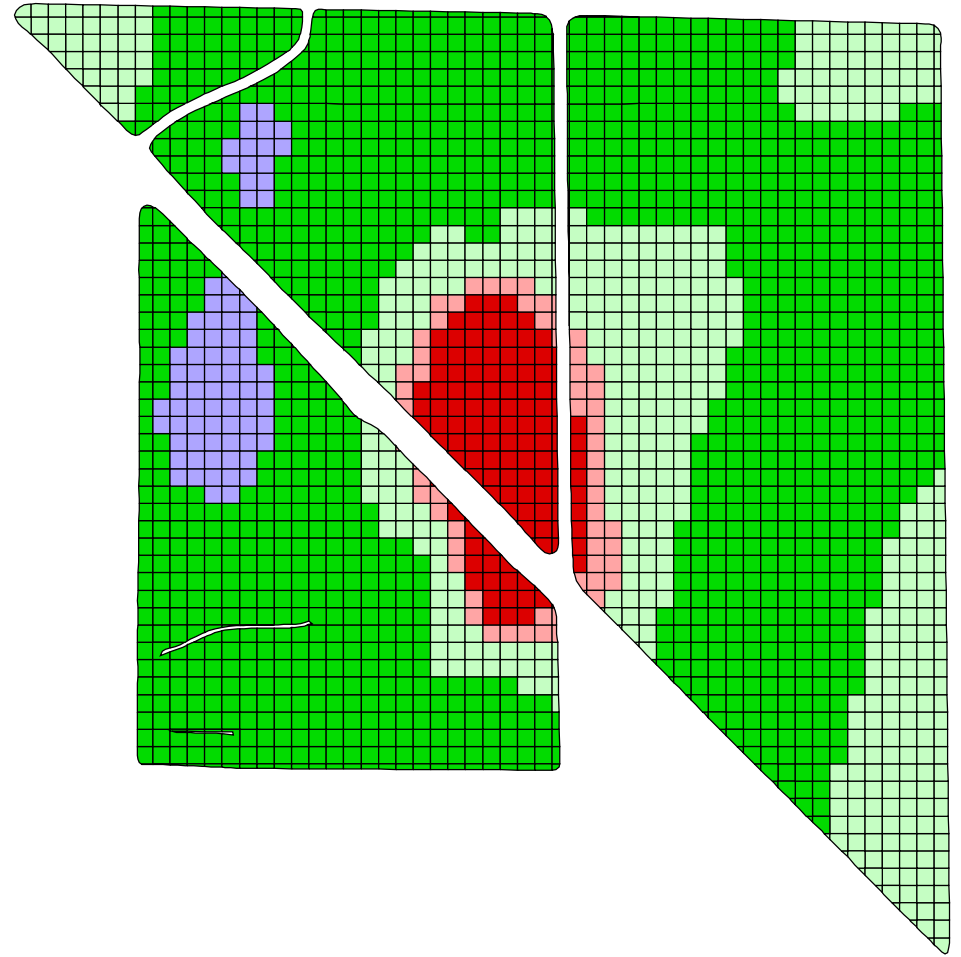
	(160.0ac.)Field Boundary
	<b>Potash (K 01)</b> 170 - 190 (89.5 ac. - 56.0%)
	190 - 230 (7.2 ac. - 4.5%)
	230 - 270 (6.4 ac. - 4.0%)
	270 - 300 (25.6 ac. - 16.0%)

# 8075East; 18 (159.99 ac.)

Clipped K Surface 2018



Clipped K Surface 2014



Clipped K Surface 2018

100 - 200lb/a	(0.0 ac. - 0.0%)
200 - 300lb/a	(44.7 ac. - 28.0%)
300 - 400lb/a	(83.9 ac. - 52.4%)
400 - 450lb/a	(11.7 ac. - 7.3%)
450 - 1200lb/a	(19.6 ac. - 12.3%)

**Date:** Apr 18, 2018  
**Field Name:** 8075East; 18  
**Location:** Vermillion Co., Vermillion Co., Illinois, U.S.  
**Farm Name:** CosseyTrust  
**Client Name:** First Financial Danville  
**Total Acres:** 159.99  
**Field Boundary Start Location:**  
**Latitude:** 40.07431042  
**Longitude:** -87.48038129

**K Stats:**  
**No. of Observations:** 2164  
**Minimum K:** 201  
**Maximum K:** 1359  
**Average K:** 376

**K Stats:**  
**No. of Observations:** 2174  
**Minimum K:** 175  
**Maximum K:** 596  
**Average K:** 292

Clipped K Surface 2014

100 - 200lb/a	(6.4 ac. - 4.0%)
200 - 300lb/a	(103.6 ac. - 64.8%)
300 - 400lb/a	(36.7 ac. - 22.9%)
400 - 450lb/a	(4.4 ac. - 2.8%)
450 - 600lb/a	(8.7 ac. - 5.5%)

ID	#	pH	OM	P	K	Mg	Ca	S	B	Zn	Mn	Fe	Cu	Na	bpH	CEC	%K	%Mg	%Ca
1		6.2	2.9	75	380	516	4077	58	0.75	4.90	183	375.4	3.35	2.8	6.9	14.39	3.37%	14.87%	71.59%