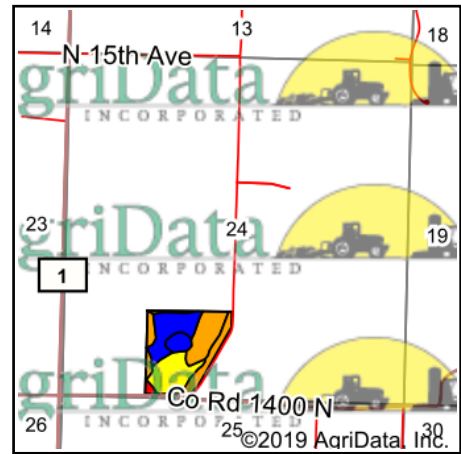
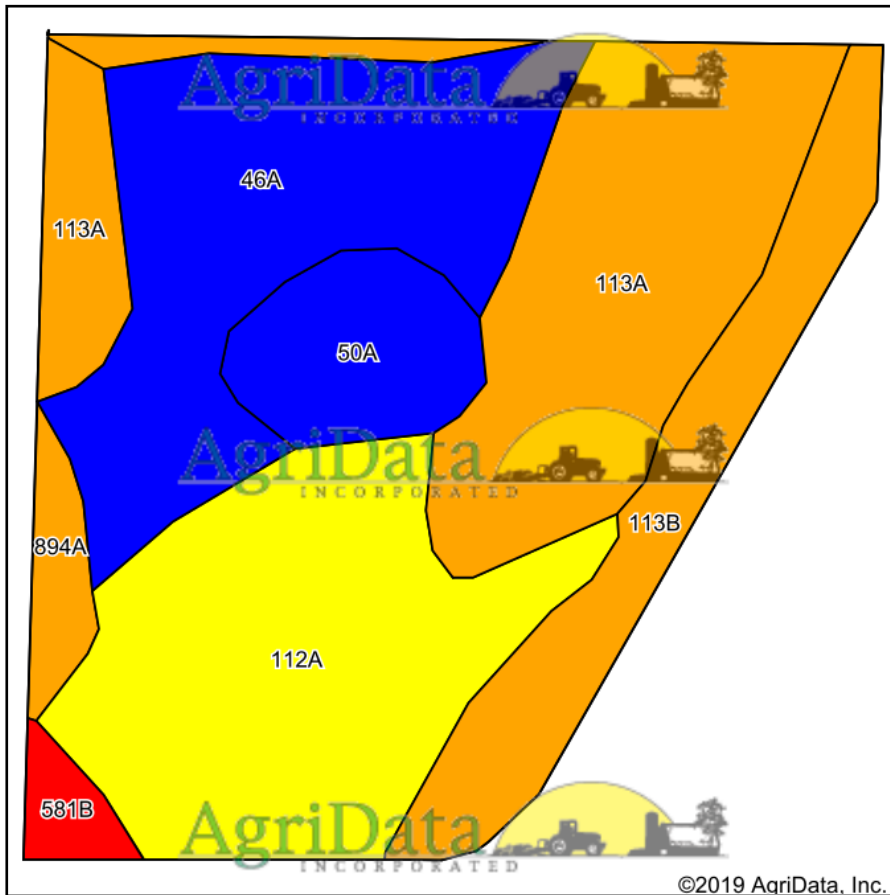


Soils Map



State: **Illinois**
 County: **Montgomery**
 Location: **24-9N-4W**
 Township: **Butler Grove**
 Acres: **31.81**
 Date: **10/24/2019**

Maps Provided By:

 CUSTOMIZED ONLINE MAPPING
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Soils data provided by USDA and NRCS.

Area Symbol: IL135, Soil Area Version: 15													
Code	Soil Description	Acres	Percent of field	Il. State Productivity Index Legend	Subsoil rooting ^a	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Oats Bu/A ^b	Sorghum ^c Bu/A	Alfalfa ^d hay, T/A	Grass-legume ^e hay, T/A	Crop productivity index for optimum management
113A	Oconee silt loam, 0 to 2 percent slopes	8.21	25.8%		FAV	164	50	63	0	119	0.00	5.27	119
112A	Cowden silt loam, 0 to 2 percent slopes	8.10	25.5%		FAV	159	49	63	0	119	0.00	4.89	117
46A	Herrick silt loam, 0 to 2 percent slopes	7.51	23.6%		FAV	181	58	73	94	0	0.00	5.52	133
**113B	Oconee silt loam, 2 to 5 percent slopes	3.89	12.2%		FAV	**162	**50	**62	0	**118	0.00	**5.22	**118
50A	Virden silty clay loam, 0 to 2 percent slopes	2.23	7.0%		FAV	182	59	71	93	0	0.00	5.27	135
894A	Herrick-Biddle-Piasa silt loams, 0 to 2 percent slopes	1.33	4.2%		UNF	164	54	66	83	0	0.00	5.03	122
**581B	Tamalco silt loam, 2 to 5 percent slopes	0.54	1.7%		UNF	**115	**43	**48	0	**98	0.00	**3.47	**92
Weighted Average						166.9	52.3	65.7	32.2	77.1	0.00	5.19	122.5

Table: Optimum Crop Productivity Ratings for Illinois Soil by K.R. Olson and J.M. Lang, Office of Research, ACES, University of Illinois at Champaign-Urbana. Version: 1/2/2012 Amended Table S2 B811

Crop yields and productivity indices for optimum management (B811) are maintained at the following NRES web site: <http://soilproductivity.nres.illinois.edu/>

** Indexes adjusted for slope and erosion according to Bulletin 811 Table S3

^a UNF = unfavorable; FAV = favorable

^b Soils in the southern region were not rated for oats and are shown with a zero "0".

^c Soils in the northern region or in both regions were not rated for grain sorghum and are shown with a zero "0".

^d Soils in the poorly drained group were not rated for alfalfa and are shown with a zero "0".

^e Soils in the well drained group were not rated for grass-legume and are shown with a zero "0".

*c: Using Capabilities Class Dominant Condition Aggregation Method

Soils data provided by USDA and NRCS. Soils data provided by University of Illinois at Champaign-Urbana.