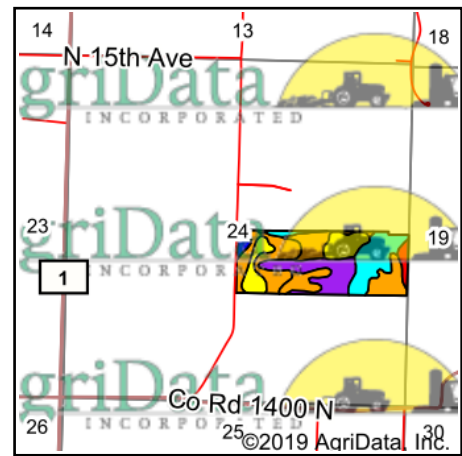
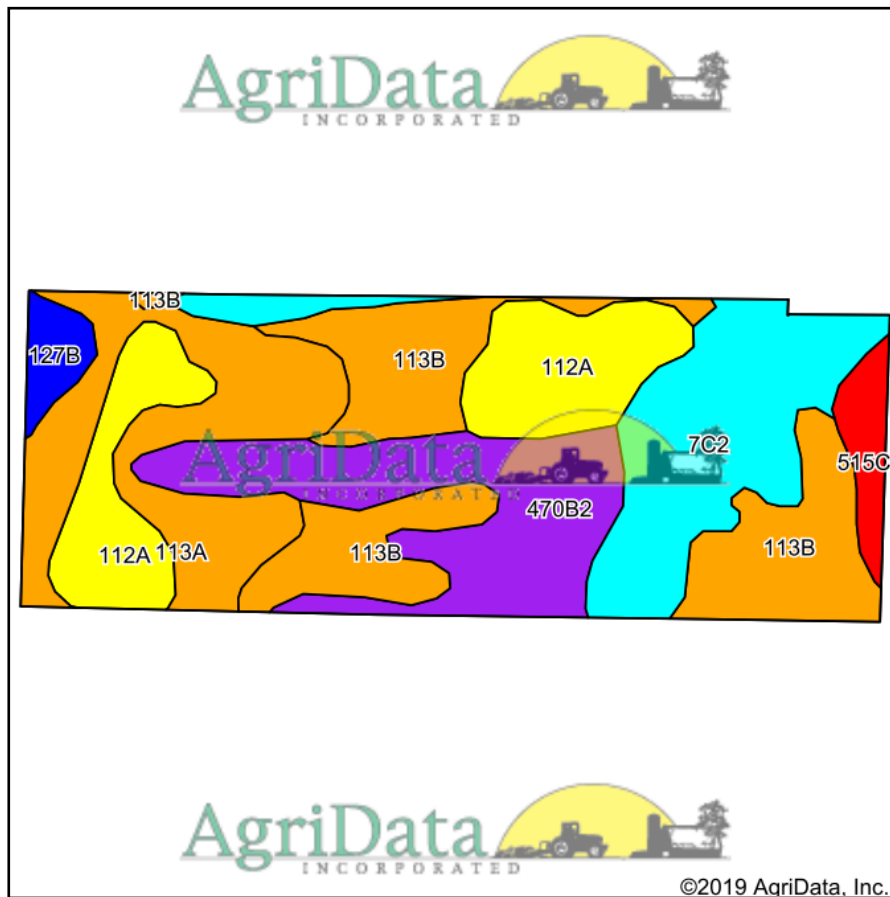


Soils Map



State: **Illinois**
 County: **Montgomery**
 Location: **24-9N-4W**
 Township: **Butler Grove**
 Acres: **59.33**
 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
**113B	Oconee silt loam, 2 to 5 percent slopes	14.10	23.8%		FAV	**162	**50	**62	0	**118	0.00	**5.22	**118
**7C2	Atlas silt loam, 5 to 10 percent slopes, eroded	11.38	19.2%		UNF	**105	**37	**41	**49	0	0.00	**3.16	**81
**470B2	Keller silt loam, 2 to 5 percent slopes, eroded	10.59	17.8%		UNF	**141	**47	**57	**60	0	0.00	**4.32	**106
113A	Oconee silt loam, 0 to 2 percent slopes	10.47	17.6%		FAV	164	50	63	0	119	0.00	5.27	119
112A	Cowden silt loam, 0 to 2 percent slopes	9.72	16.4%		FAV	159	49	63	0	119	0.00	4.89	117
**515C3	Bunkum silty clay loam, 5 to 10 percent slopes, severely eroded	1.71	2.9%		FAV	**126	**43	**48	0	**97	**3.35	0.00	**95
**127B	Harrison silt loam, 2 to 5 percent slopes	1.36	2.3%		FAV	**177	**54	**69	**92	0	**5.71	0.00	**129
Weighted Average						146.5	46.7	57.2	22.2	71.3	0.23	4.35	108.4

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.