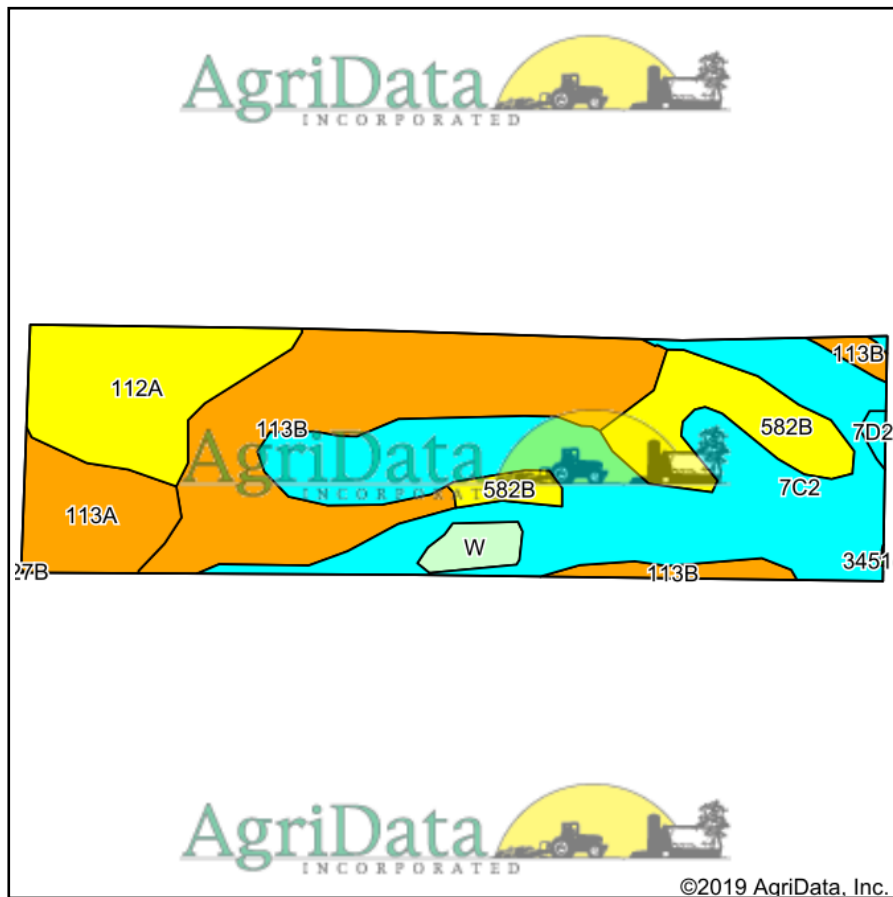
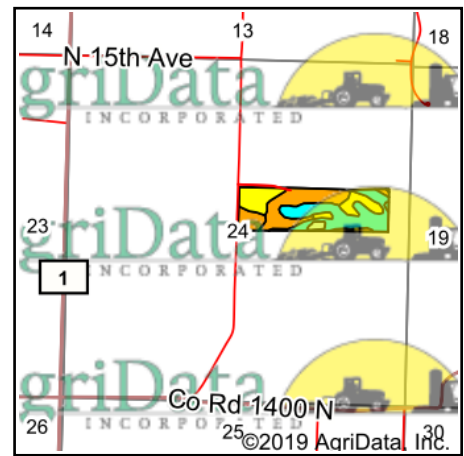


Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**
 County: **Montgomery**
 Location: **24-9N-4W**
 Township: **Butler Grove**
 Acres: **35.02**
 Date: **10/24/2019**

Maps Provided By:

 CUSTOMIZED ONLINE MAPPING
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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
**7C2	Atlas silt loam, 5 to 10 percent slopes, eroded	12.79	36.5%		UNF	**105	**37	**41	**49	0	0.00	**3.16	**81
**113B	Oconee silt loam, 2 to 5 percent slopes	10.54	30.1%		FAV	**162	**50	**62	0	**118	0.00	**5.22	**118
112A	Cowden silt loam, 0 to 2 percent slopes	4.66	13.3%		FAV	159	49	63	0	119	0.00	4.89	117
**582B	Homen silt loam, 2 to 5 percent slopes	3.46	9.9%		FAV	**149	**47	**55	0	**113	**3.72	0.00	**108
113A	Oconee silt loam, 0 to 2 percent slopes	2.70	7.7%		FAV	164	50	63	0	119	0.00	5.27	119
W	Water	0.68	1.9%										
**7D2	Atlas silt loam, 10 to 18 percent slopes, eroded	0.19	0.5%		UNF	**98	**34	**39	**45	0	0.00	**2.95	**76
Weighted Average						136.2	43.8	52.5	18.1	71.7	0.37	3.80	100.9

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.