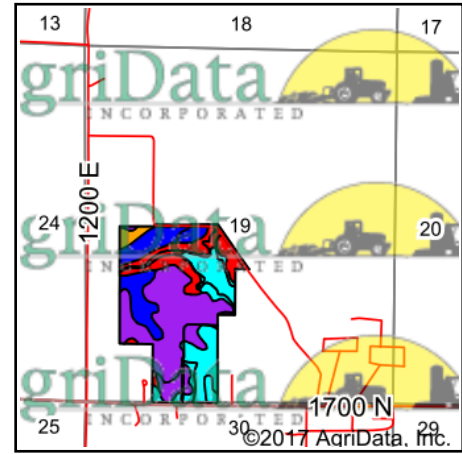
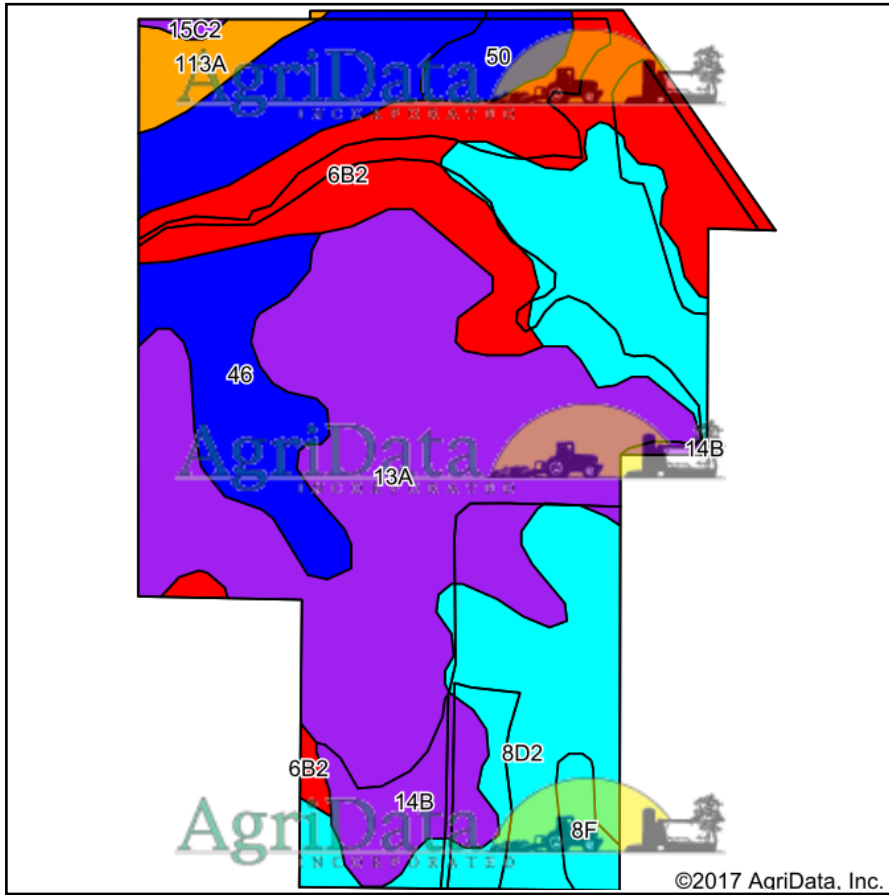


Soils Map



State: **Illinois**
 County: **Shelby**
 Location: **19-12N-3E**
 Township: **Ridge**
 Acres: **85.67**
 Date: **12/13/2017**

Maps Provided By:

 CUSTOMIZED ONLINE MAPPING
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Soils data provided by USDA and NRCS.

Area Symbol: IL173, Soil Area Version: 14

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
13A	Bluford silt loam, 0 to 2 percent slopes	29.72	34.7%		FAV	136	44	55	0	110	0.00	3.39	101
**8D2	Hickory silt loam, 10 to 18 percent slopes, eroded	19.02	22.2%		FAV	**108	**36	**44	**50	0	**3.58	0.00	**82
**6B2	Fishhook silt loam, 2 to 5 percent slopes, eroded	14.40	16.8%		UNF	**123	**39	**47	**59	0	0.00	**3.62	**90
46	Herrick silt loam, 0 to 2 percent slopes	13.40	15.6%		FAV	181	58	73	94	0	0.00	5.52	133
**14B	Ava silt loam, 2 to 5 percent slopes	3.60	4.2%		UNF	**134	**44	**54	0	**106	**3.23	0.00	**99
50	Virden silty clay loam, 0 to 2 percent slopes	2.04	2.4%		FAV	182	59	71	93	0	0.00	5.27	135
113A	Oconee silt loam, 0 to 2 percent slopes	2.02	2.4%		FAV	164	50	63	0	119	0.00	5.27	119
**8F	Hickory silt loam, 18 to 35 percent slopes	1.23	1.4%		FAV	**86	**29	**35	**40	0	**2.85	0.00	**65
**15C2	Parke silt loam, 5 to 10 percent slopes, eroded	0.24	0.3%		FAV	**142	**44	**55	0	**107	**3.39	0.00	**102
Weighted Average						135.6	43.9	54.3	38.5	45.7	0.98	2.90	100.6

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:

<https://www.ideals.illinois.edu/handle/2142/1027/>

** 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.