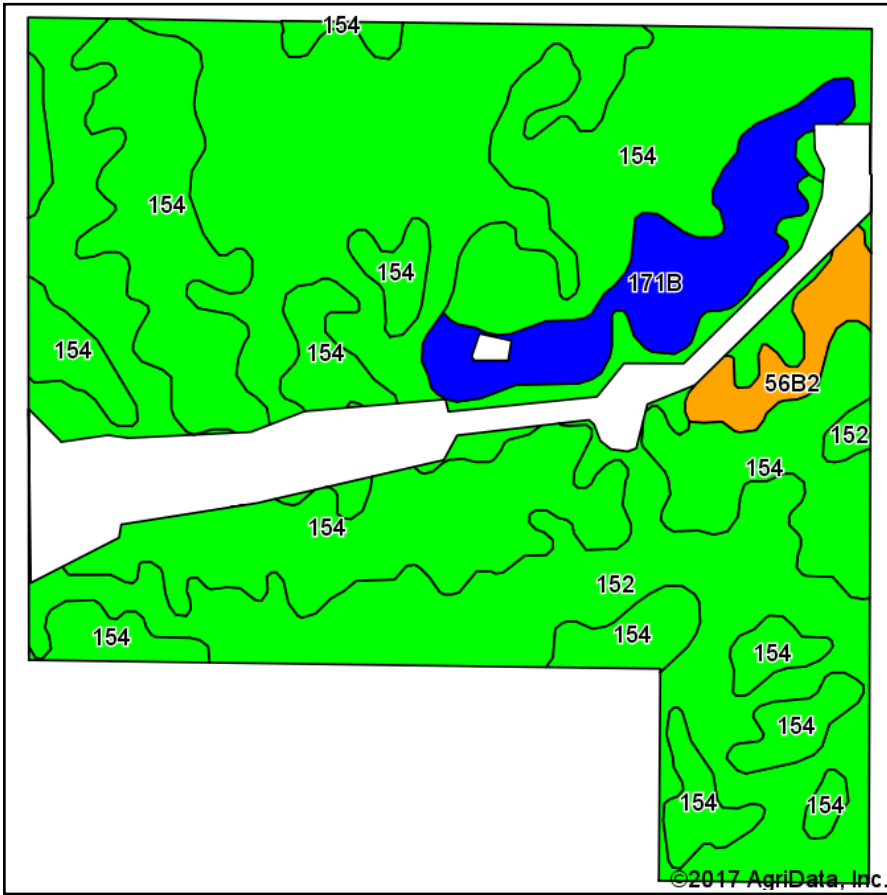
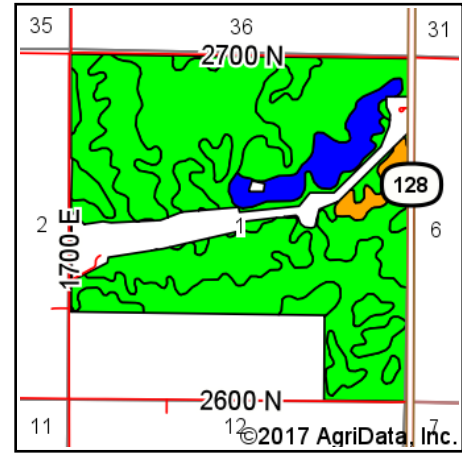


Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**
 County: **Shelby**
 Location: **1-13N-3E**
 Township: **Penn**
 Acres: **465.37**
 Date: **6/8/2017**



Area Symbol: IL173, Soil Area Version: 13

Code	Soil Description	Acres	Percent of field	Il. State Productivity Index Legend	Water Table	Restrictive Layer	Soil Drainage	Subsoil rooting ^a	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Grass-legume hay, T/A	Crop productivity index for optimum management
152	Drummer silty clay loam, 0 to 2 percent slopes	214.81	46.2%		0.5ft.	> 6.5ft.	Poorly drained	FAV	195	63	73	5.64	144
154	Flanagan silt loam	208.32	44.8%		2.5ft.	> 6.5ft.	Somewhat poorly drained	FAV	194	63	77	5.90	144
**171B	Catlin silt loam, 2 to 5 percent slopes	31.29	6.7%		2.6ft.	> 6.5ft.	Moderately well drained	FAV	**185	**58	**72	0.00	**137
**56B2	Dana silt loam, 2 to 5 percent slopes, eroded	10.95	2.4%		2.2ft.	> 6.5ft.	Moderately well drained	FAV	**171	**53	**66	0.00	**124
Weighted Average									193.3	62.4	74.6	5.24	143.1

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

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

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

*c: Using Capabilities Class Dominant Condition Aggregation Method