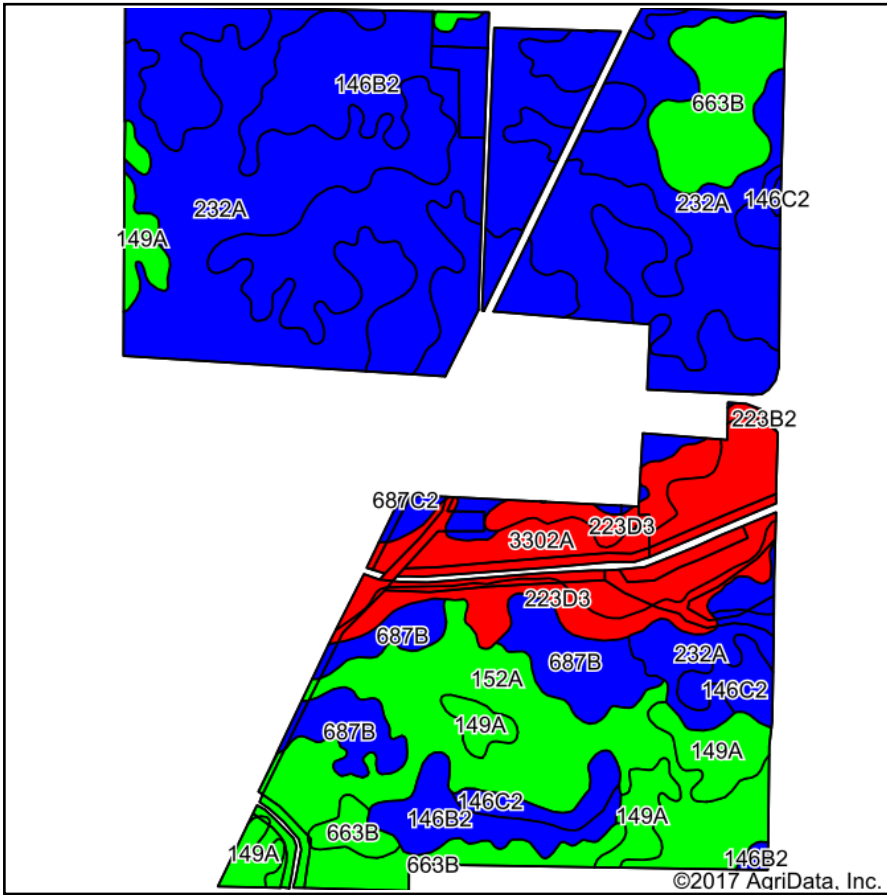
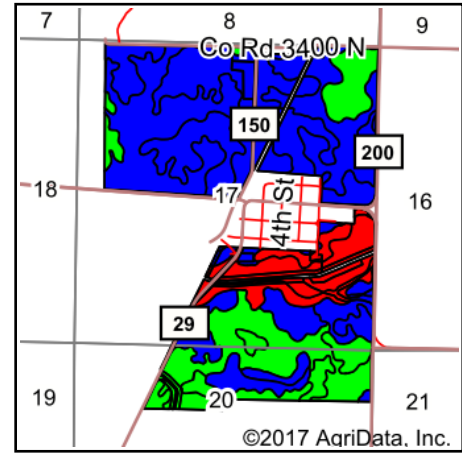


Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**
 County: **Champaign**
 Location: **17-22N-7E**
 Township: **Brown**
 Acres: **491.97**
 Date: **1/7/2018**



Area Symbol: IL019, Soil Area Version: 12

Code	Soil Description	Acres	Percent of field	Il. State Productivity Index Legend	Corn Bu/A	Soybeans Bu/A	Crop productivity index for optimum management
232A	Ashkum silty clay loam, 0 to 2 percent slopes	137.96	28.0%	[Blue]	170	56	127
**146B2	Elliott silty clay loam, 2 to 4 percent slopes, eroded	135.16	27.5%	[Blue]	**160	**52	**119
152A	Drummer silty clay loam, 0 to 2 percent slopes	72.10	14.7%	[Green]	195	63	144
3302A	Ambraw silty clay loam, 0 to 2 percent slopes, frequently flooded	36.44	7.4%	[Red]	154	50	114
**687B	Penfield loam, 2 to 5 percent slopes	25.06	5.1%	[Blue]	**172	**56	**129
149A	Brenton silt loam, 0 to 2 percent slopes	23.99	4.9%	[Green]	195	60	141
**223D3	Varna silty clay loam, 6 to 12 percent slopes, severely eroded	23.90	4.9%	[Red]	**136	**43	**100
**663B	Clare silt loam, 2 to 5 percent slopes	23.65	4.8%	[Green]	**180	**56	**133
**146C2	Elliott silty clay loam, 4 to 6 percent slopes, eroded	13.43	2.7%	[Blue]	**160	**52	**119
**687C2	Penfield loam, 5 to 10 percent slopes, eroded	0.17	0.0%	[Blue]	**162	**53	**121
**223B2	Varna silt loam, 2 to 4 percent slopes, eroded	0.11	0.0%	[Red]	**150	**48	**110
Weighted Average					169.6	54.9	125.9

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:

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

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

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