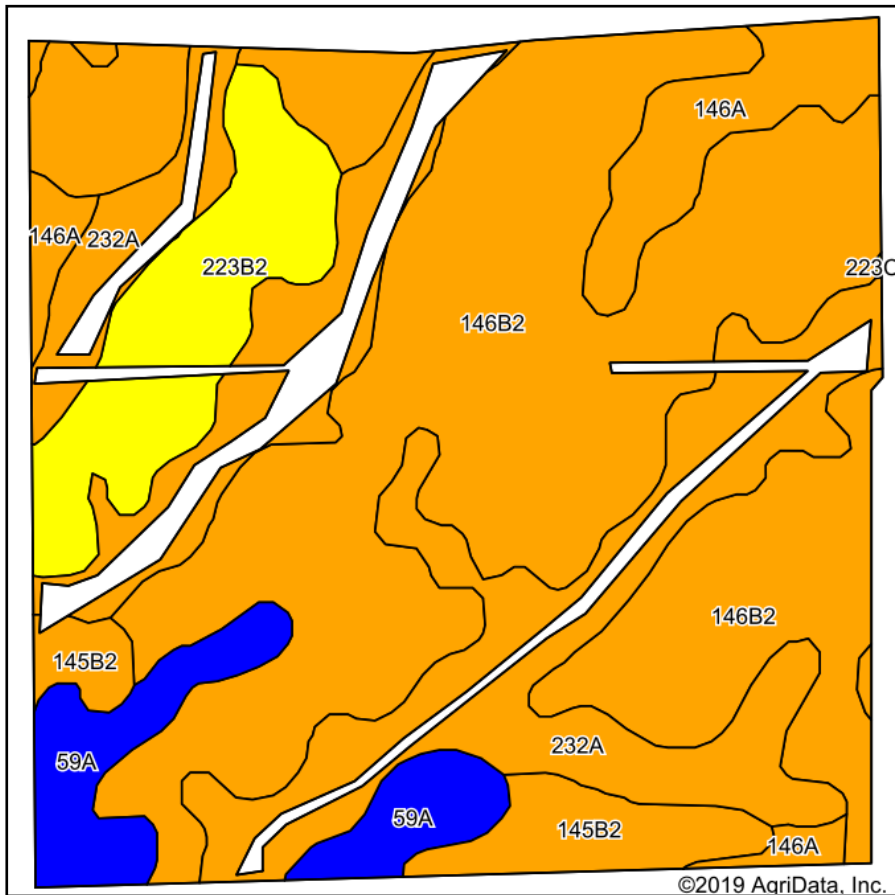
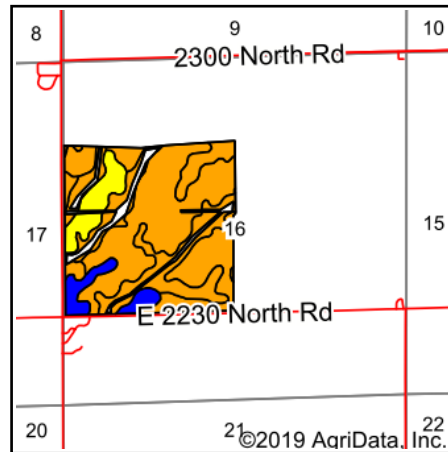


Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**
 County: **Vermilion**
 Location: **16-20N-13W**
 Township: **Pilot**
 Acres: **147.55**
 Date: **3/9/2020**



Area Symbol: IL183. Soil Area Version: 15														
Code	Soil Description	Acres	Percent of field	Il. State Productivity Index Legend	Water Table	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
**146B2	Elliott silty clay loam, 2 to 4 percent slopes, eroded	77.29	52.4%		1.5ft.	FAV	**160	**52	**65	**83	0	0.00	**4.77	**119
232A	Ashkum silty clay loam, 0 to 2 percent slopes	32.23	21.8%		0.5ft.	FAV	170	56	65	85	0	0.00	5.14	127
**223B2	Varna silt loam, 2 to 4 percent slopes, eroded	12.80	8.7%		2.7ft.	FAV	**150	**48	**61	**75	0	**4.65	0.00	**110
59A	Lisbon silt loam, 0 to 2 percent slopes	9.39	6.4%		1.5ft.	FAV	188	59	74	104	0	0.00	5.64	136
146A	Elliott silt loam, 0 to 2 percent slopes	9.26	6.3%		1.5ft.	FAV	168	55	68	87	0	0.00	5.02	125
**145B2	Saybrook silt loam, 2 to 5 percent slopes, eroded	6.58	4.5%		2.3ft.	FAV	**170	**54	**66	**90	0	**5.96	0.00	**125
Weighted Average							164	53.2	65.5	84.6	*-	0.67	4.30	121.7

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.