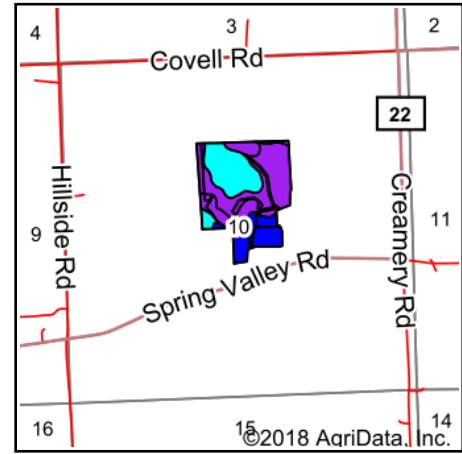
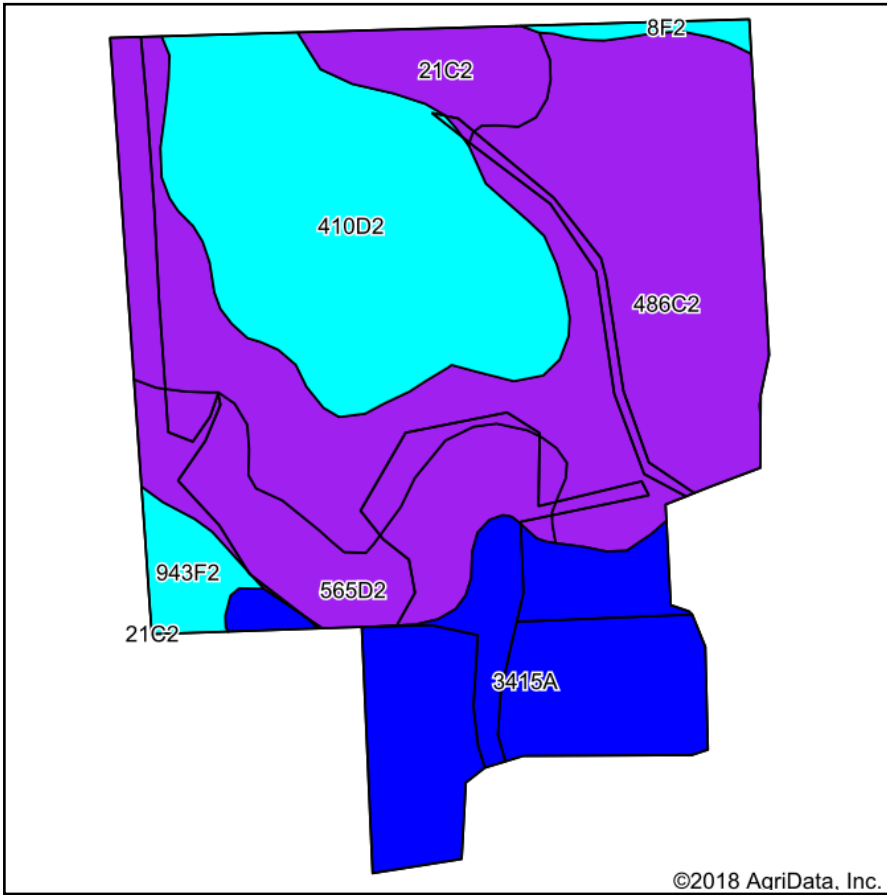


Soils Map



State: **Illinois**
 County: **Whiteside**
 Location: **10-22N-4E**
 Township: **Ustick**
 Acres: **48.07**
 Date: **9/6/2018**

Maps Provided By:

 CUSTOMIZED ONLINE MAPPING
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Soils data provided by USDA and NRCS.

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Area Symbol: IL195, Soil Area Version: 14

Code	Soil Description	Acres	Percent of field	Ill. 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
**486C2	Bertrand silt loam, 5 to 10 percent slopes, eroded	18.50	38.5%		FAV	**146	**47	**57	**76	0	**3.62	0.00	**106
**410D2	Woodbine silt loam, 10 to 18 percent slopes, eroded	11.70	24.3%		FAV	**117	**38	**50	**61	0	**3.12	0.00	**87
3415A	Orion silt loam, 0 to 2 percent slopes, frequently flooded	8.77	18.2%		FAV	180	57	66	89	0	0.00	5.02	131
**565D2	Tell silt loam, 10 to 18 percent slopes, eroded	5.51	11.5%		FAV	**136	**45	**53	**69	0	**3.46	0.00	**100
**21C2	Pecatonica silt loam, 5 to 10 percent slopes, eroded	2.06	4.3%		FAV	**143	**46	**56	**72	0	**4.20	0.00	**105
**943F2	Seaton-Timula silt loams, 18 to 35 percent slopes, eroded	1.16	2.4%		FAV	**107	**34	**41	**53	0	**2.78	0.00	**78
**8F2	Hickory silt loam, 18 to 35 percent slopes, eroded	0.37	0.8%		FAV	**80	**27	**32	**37	0	**2.65	0.00	**61
Weighted Average						142.4	45.9	55.9	72.9	*	2.82	0.92	104.2

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