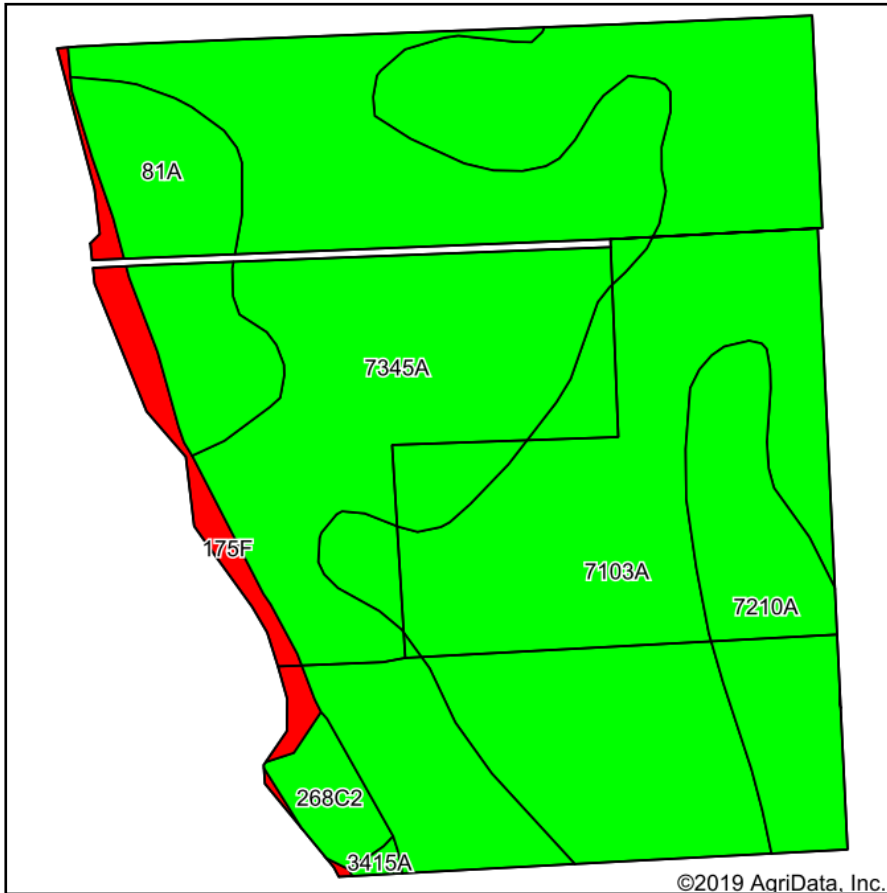
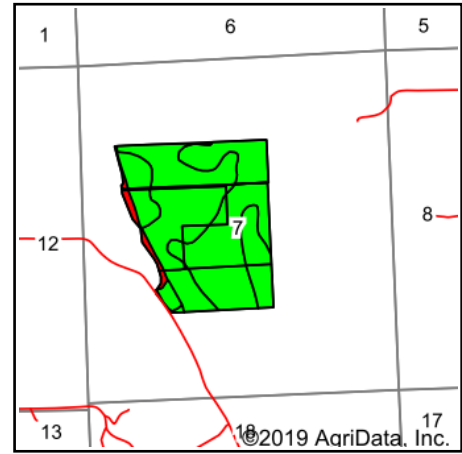


Soils Map - Estimated Tillable Acres



Soils data provided by USDA and NRCS.



State: **Illinois**
 County: **Whiteside**
 Location: **7-21N-4E**
 Township: **Union Grove**
 Acres: **119.86**
 Date: **7/24/2019**



Maps Provided By:



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Area Symbol: IL195. Soil Area Version: 15										
Code	Soil Description	Acres	Percent of field	Il. State Productivity Index Legend	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Oats Bu/A	Alfalfa ^d hay, T/A	Crop productivity index for optimum management
7103A	Houghton muck, 0 to 2 percent slopes, rarely flooded	49.72	41.5%		175	57	0	0	0.00	130
7345A	Elvers silt loam, 0 to 2 percent slopes, rarely flooded	43.99	36.7%		161	51	61	79	0.00	118
7210A	Lena muck, 0 to 2 percent slopes, rarely flooded	11.22	9.4%		170	55	0	0	0.00	126
81A	Littleton silt loam, 0 to 2 percent slopes	9.04	7.5%		194	61	74	100	0.00	142
**175F	Lamont fine sandy loam, 18 to 35 percent slopes	3.33	2.8%		**93	**31	**38	**48	**2.31	**70
**268C2	Mt. Carroll silt loam, 5 to 10 percent slopes, eroded	2.21	1.8%		**170	**53	**65	**86	**5.72	**125
3415A	Orion silt loam, 0 to 2 percent slopes, frequently flooded	0.25	0.2%		180	57	66	89	0.00	131
**943F2	Seaton-Timula silt loams, 18 to 35 percent slopes, eroded	0.10	0.1%		**107	**34	**41	**53	**2.78	**78
Weighted Average					168.4	54.1	30.4	39.7	0.17	124.3

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

^b Soils in the southern region were not rated for oats 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".

*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.