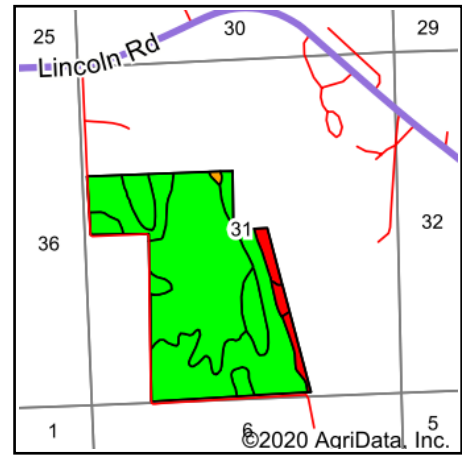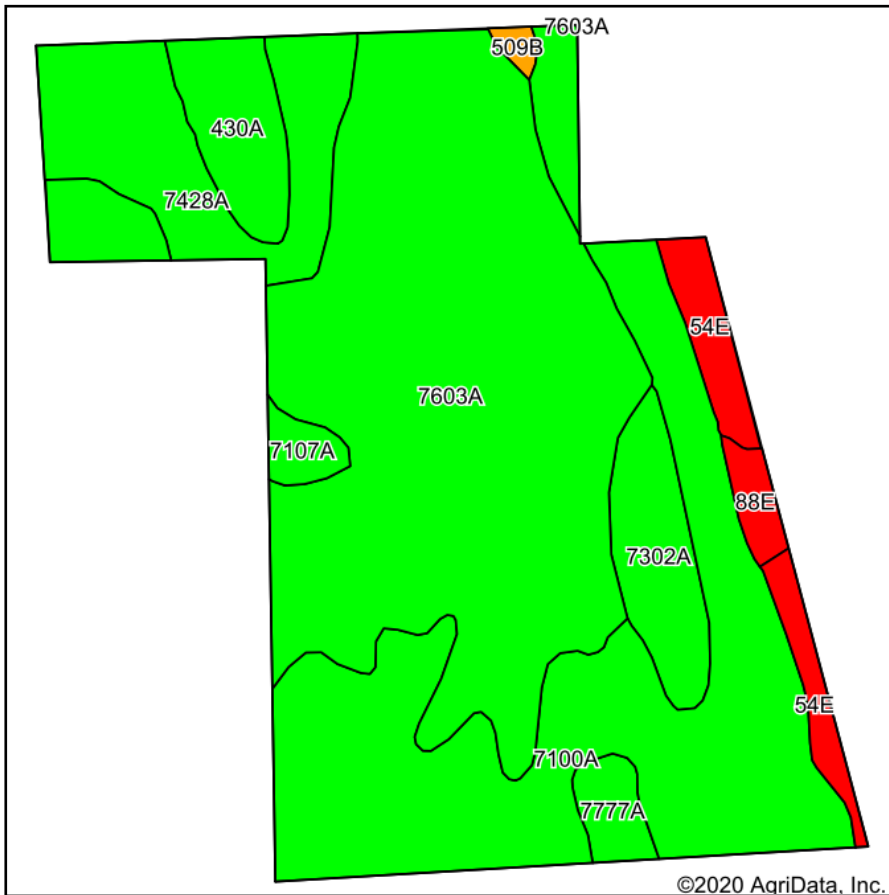# Soils Map - Total Acres

State: **Illinois**
County: **Whiteside**
Location: **31-22N-4E**
Township: **Ustick**
Acres: **178**
Date: **7/14/2020**

Maps Provided By: surety® CUSTOMIZED ONLINE MAPPING
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Soils data provided by USDA and NRCS.

Area Symbol: IL195, Soil Area Version: 16

Code	Soil Description	Acres	Percent of field	II. 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
7603A	Blackoar silt loam, 0 to 2 percent slopes, rarely flooded	79.82	44.8%		178	57	66	88	0.00	131
7100A	Palms muck, 0 to 2 percent slopes, rarely flooded	52.95	29.7%		161	51	0	0	0.00	118
7428A	Coffeen silt loam, 0 to 2 percent slopes, rarely flooded	16.87	9.5%		181	57	68	90	0.00	132
7302A	Ambraw clay loam, 0 to 2 percent slopes, rarely flooded	8.12	4.6%		154	50	61	75	0.00	114
430A	Raddle silt loam, 0 to 2 percent slopes	6.79	3.8%		189	59	73	97	6.52	138
**54E	Plainfield sand, 12 to 20 percent slopes	6.45	3.6%		**86	**30	**35	**42	0.00	**66
7777A	Adrian muck, 0 to 2 percent slopes, rarely flooded	2.63	1.5%		146	49	0	0	0.00	110
7107A	Sawmill silty clay loam, 0 to 2 percent slopes, rarely flooded	1.88	1.1%		189	60	71	98	0.00	139
**88E	Sparta loamy sand, Illinois till plain, 12 to 20 percent slopes	1.86	1.0%		**104	**36	**44	**50	0.00	**80
**509B	Whalan loam, 2 to 5 percent slopes	0.63	0.4%		**122	**39	**50	**64	**2.98	**89
				Weighted Average	167.9	53.6	44.3	58.4	0.26	123.5

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.