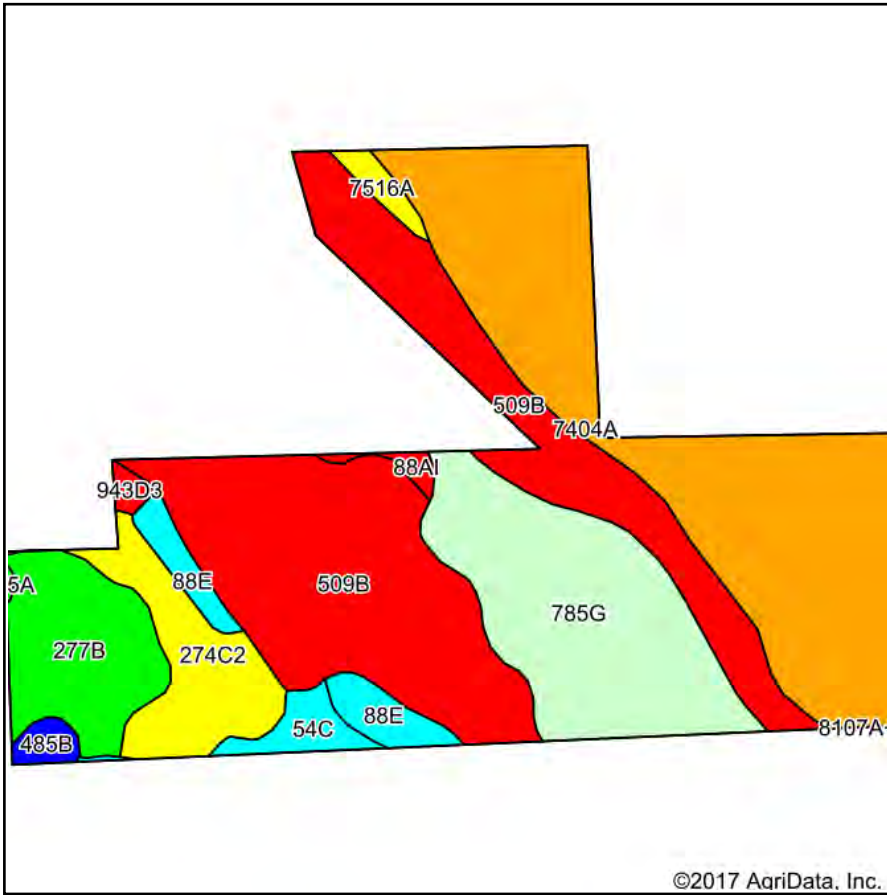
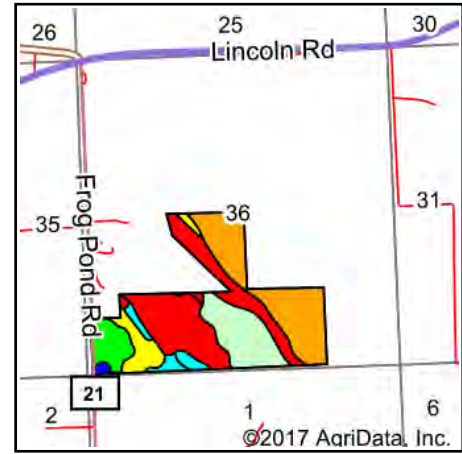


# Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**  
 County: **Whiteside**  
 Location: **36-22N-3E**  
 Township: **Fulton**  
 Acres: **137.84**  
 Date: **11/20/2017**

Maps Provided By:  
  
 CUSTOMIZED ONLINE MAPPING  
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## Area Symbol: IL195, Soil Area Version: 13

Code	Soil Description	Acres	Percent of field	Il. 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-le gume e hay, T/A	Crop productivity index for optimum management
**509B	Whalan loam, 2 to 5 percent slopes	45.23	32.8%		FAV	**122	**39	**50	**64	0	**2.98	0.00	**89
7404A	Titus silty clay loam, 0 to 2 percent slopes, rarely flooded	39.84	28.9%		FAV	158	52	61	75	0	0.00	4.89	118
**785G	Lacrescent cobbly loam, 25 to 60 percent slopes	22.83	16.6%		FAV	**52	**18	**19	**22	0	0.00	**1.80	**40
**277B	Port Byron silt loam, 2 to 5 percent slopes	10.72	7.8%		FAV	**194	**60	**74	**103	0	**6.95	0.00	**143
**274C2	Seaton silt loam, 5 to 10 percent slopes, eroded	8.90	6.5%		FAV	**154	**47	**60	**79	0	**4.20	0.00	**112
**88E	Sparta loamy sand, 12 to 20 percent slopes	4.18	3.0%		FAV	**104	**36	**44	**50	0	0.00	**3.49	**80
**54C	Plainfield sand, 6 to 12 percent slopes	2.42	1.8%		FAV	**96	**33	**39	**47	0	0.00	**3.29	**74
7516A	Faxon silty clay loam, 0 to 2 percent slopes, rarely flooded	1.22	0.9%		FAV	154	51	59	82	0	0.00	4.52	115
**485B	Richwood silt loam, 2 to 5 percent slopes	1.10	0.8%		FAV	**184	**56	**70	**101	0	**6.45	0.00	**135
88AI	Sparta loamy sand, Illinois till plain, 0 to 2 percent slopes	0.69	0.5%		FAV	119	41	50	58	0	0.00	4.01	92
**943D3	Seaton-Timula silt loams, 10 to 18 percent slopes, severely eroded	0.61	0.4%		FAV	**131	**41	**50	**65	0	**3.41	0.00	**96
275A	Joy silt loam, 0 to 2 percent slopes	0.10	0.1%		FAV	198	62	75	103	0	0.00	6.02	144

<b>Weighted Average</b>	<b>128.3</b>	<b>41.5</b>	<b>50.4</b>	<b>64</b>	<b>*-</b>	<b>1.86</b>	<b>1.94</b>	<b>95.1</b>
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**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

**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.