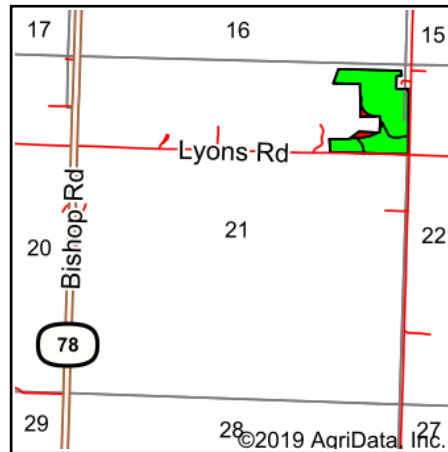
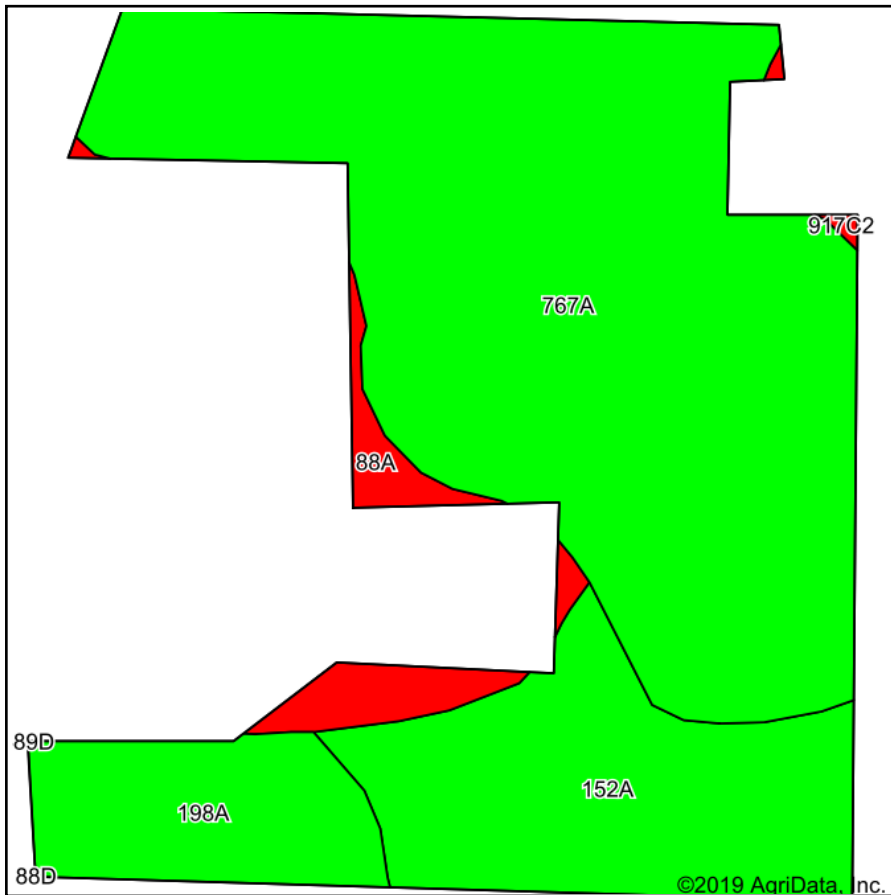
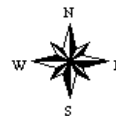


# Soils Map



State: **Illinois**  
 County: **Whiteside**  
 Location: **21-19N-5E**  
 Township: **Prophetstown**  
 Acres: **24.85**  
 Date: **7/5/2019**

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

Area Symbol: IL195. Soil Area Version: 15													
Code	Soil Description	Acres	Percent of field	Il. State Productivity Index Legend	Subsoil rooting <sup>a</sup>	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Oats Bu/A <sup>b</sup>	Sorghum <sup>c</sup> Bu/A	Alfalfa <sup>d</sup> hay, T/A	Grass-legume <sup>e</sup> hay, T/A	Crop productivity index for optimum management
767A	Prophetstown silt loam, 0 to 2 percent slopes	16.04	64.5%		FAV	190	59	70	94	0	0.00	5.27	138
152A	Drummer silty clay loam, 0 to 2 percent slopes	5.13	20.6%		FAV	195	63	73	100	0	0.00	5.64	144
198A	Elburn silt loam, 0 to 2 percent slopes	2.51	10.1%		FAV	197	61	74	94	0	0.00	5.77	143
88A	Sparta loamy sand, Illinois till plain, 0 to 2 percent slopes	1.11	4.5%		FAV	119	41	50	58	0	0.00	4.01	92
**917C2	Oakville-Tell complex, 5 to 10 percent slopes, eroded	0.06	0.2%		FAV	**116	**39	**47	**58	0	0.00	**3.48	**88
<b>Weighted Average</b>						<b>188.4</b>	<b>59.2</b>	<b>70.1</b>	<b>93.5</b>	<b>*-</b>	<b>0.00</b>	<b>5.34</b>	<b>137.6</b>

**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

<sup>a</sup> UNF = unfavorable; FAV = favorable

<sup>b</sup> Soils in the southern region were not rated for oats and are shown with a zero "0".

<sup>c</sup> Soils in the northern region or in both regions were not rated for grain sorghum and are shown with a zero "0".

<sup>d</sup> Soils in the poorly drained group were not rated for alfalfa and are shown with a zero "0".

<sup>e</sup> Soils in the well drained group were not rated for grass-legume and are shown with a zero "0".

\*<sup>c</sup>: Using Capabilities Class Dominant Condition Aggregation Method

Soils data provided by USDA and NRCS. Soils data provided by University of Illinois at Champaign-Urbana.