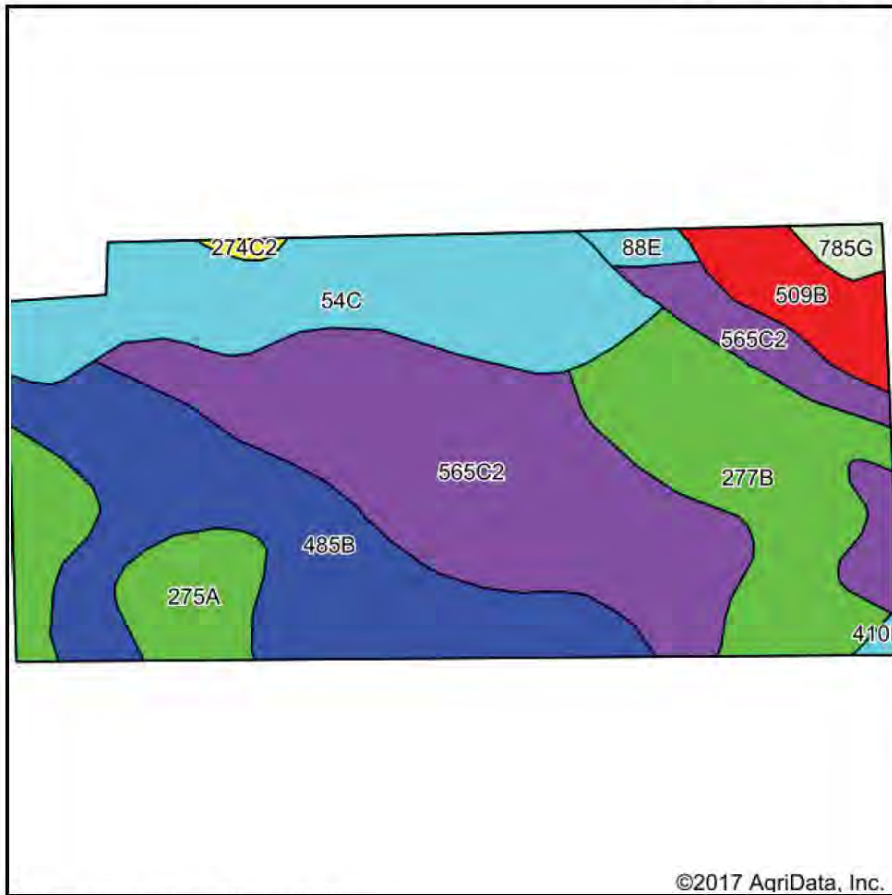
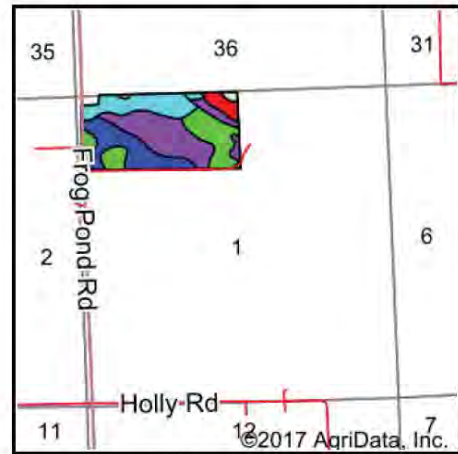


# Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**  
 County: **Whiteside**  
 Location: **1-21N-3E**  
 Township: **Garden Plain**  
 Acres: **75.78**  
 Date: **11/20/2017**

Maps Provided By:



© AgriData, Inc. 2017

www.AgriDataInc.com



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-legume e hay, T/A	Crop productivity index for optimum management
**565C2	Tell silt loam, 5 to 10 percent slopes, eroded	23.85	31.5%		FAV	**142	**47	**56	**72	0	**3.62	0.00	**104
**485B	Richwood silt loam, 2 to 5 percent slopes	15.91	21.0%		FAV	**184	**56	**70	**101	0	**6.45	0.00	**135
**54C	Plainfield sand, 6 to 12 percent slopes	13.25	17.5%		FAV	**96	**33	**39	**47	0	0.00	**3.29	**74
**277B	Port Byron silt loam, 2 to 5 percent slopes	11.43	15.1%		FAV	**194	**60	**74	**103	0	**6.95	0.00	**143
275A	Joy silt loam, 0 to 2 percent slopes	5.92	7.8%		FAV	198	62	75	103	0	0.00	6.02	144
**509B	Whalan loam, 2 to 5 percent slopes	3.45	4.6%		FAV	**122	**39	**50	**64	0	**2.98	0.00	**89
**785G	Lacrescent cobbly loam, 25 to 60 percent slopes	0.76	1.0%		FAV	**52	**18	**19	**22	0	0.00	**1.80	**40
**88E	Sparta loamy sand, 12 to 20 percent slopes	0.70	0.9%		FAV	**104	**36	**44	**50	0	0.00	**3.49	**80
**274C2	Seaton silt loam, 5 to 10 percent slopes, eroded	0.27	0.4%		FAV	**154	**47	**60	**79	0	**4.20	0.00	**112
**410D2	Woodbine silt loam, 10 to 18 percent slopes, eroded	0.24	0.3%		FAV	**117	**38	**50	**61	0	**3.12	0.00	**87
<b>Weighted Average</b>						<b>152.8</b>	<b>48.8</b>	<b>59.4</b>	<b>79.7</b>	<b>*</b>	<b>3.70</b>	<b>1.10</b>	<b>112.7</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:

<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".

fo: Using Capabilities Class Dominant Condition Aggregation Method

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