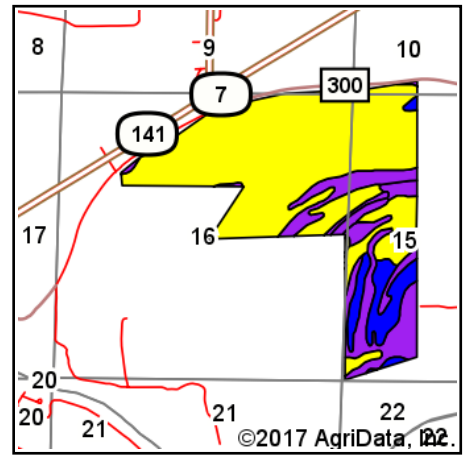
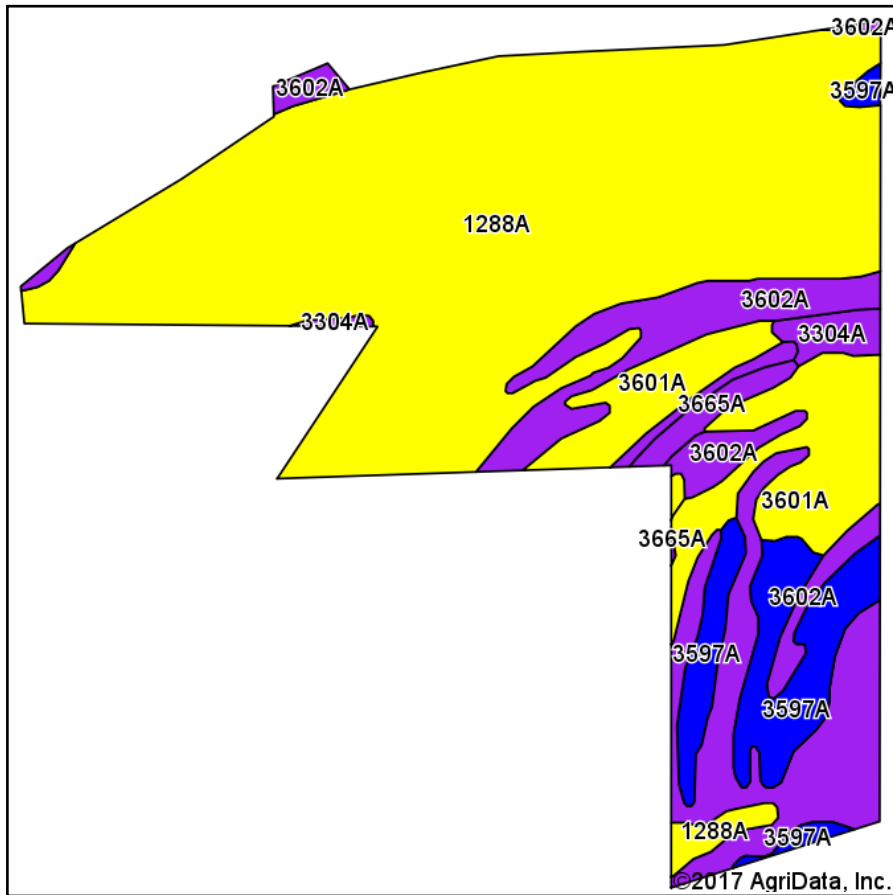


# Soils Map



State: **Illinois**  
 County: **White**  
 Location: **16-7S-10E**  
 Township: **Emma**  
 Acres: **330.67**  
 Date: **4/27/2017**



TROPHY  
 PROPERTIES AND AUCTION  
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Soils data provided by USDA and NRCS.

## Area Symbol: IL193, Soil Area Version: 11

Code	Soil Description	Acres	Percent of field	Il. State Productivity Index Legend	Soil Drainage	Subsoil rooting <sup>a</sup>	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Oats Bu/A <sup>b</sup>	Sorghum c Bu/A	Alfalfa d hay, T/A	Grass-leg e hay, T/A	Crop productivity index for optimum management
1288A	Petrolia silty clay loam, undrained, 0 to 2 percent slopes, frequently flooded	199.41	60.3%		Poorly drained	FAV	162	49	61	79	0	0.00	4.89	117
3602A	Newark silt loam, 0 to 2 percent slopes, frequently flooded	62.01	18.8%		Somewhat poorly drained	FAV	134	44	58	0	117	0.00	4.77	104
3601A	Nolin silty clay loam, 0 to 2 percent slopes, frequently flooded	34.92	10.6%		Well drained	FAV	159	51	60	0	120	3.89	0.00	116
3597A	Armiesburg silty clay loam, 0 to 2 percent slopes, frequently flooded	26.07	7.9%		Well drained	FAV	177	57	69	87	0	6.65	0.00	132
3304A	Landes fine sandy loam, 0 to 2 percent slopes, frequently flooded	4.42	1.3%		Well drained	FAV	135	45	55	61	0	3.39	0.00	100

3665A	Stonelick loam, 0 to 2 percent slopes, frequently flooded	3.84	1.2%		Well drained	FAV	143	44	54	64	0	3.64	0.00	103
Weighted Average							157	48.8	60.8	56.1	34.6	1.02	3.84	115.2

**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.