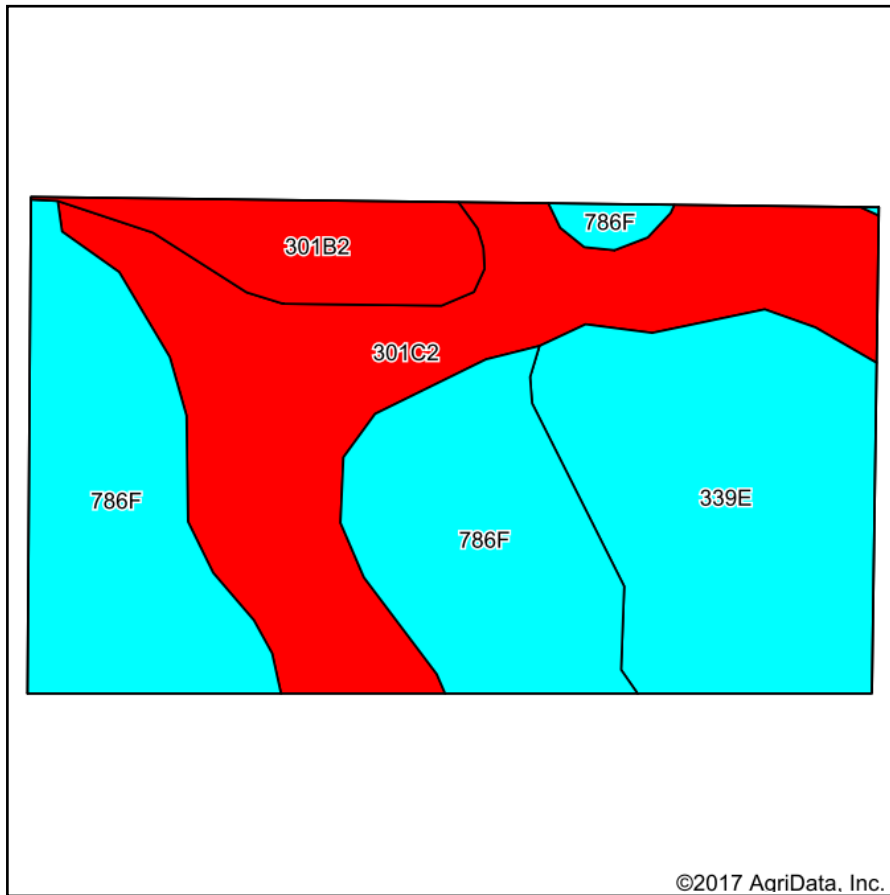
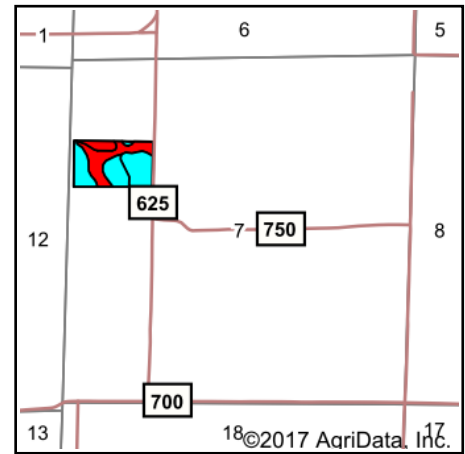


# Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**  
 County: **Hamilton**  
 Location: **7-6S-6E**  
 Township: **Twigg**  
 Acres: **19.66**  
 Date: **11/6/2017**



TROPHY  
 PROPERTIES AND AUCTION  
 LAND INVESTMENT MANAGEMENT

Maps Provided By:



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## Area Symbol: IL065, 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 <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
**786F	Frondorf silt loam, 15 to 35 percent slopes	6.98	35.5%		Well drained	UNF	**87	**29	**34	0	**72	0.00	**2.90	**67
**301C2	Grantsburg silt loam, 5 to 12 percent slopes, eroded	6.17	31.4%		Moderately well drained	UNF	**121	**41	**50	0	**94	**2.93	0.00	**92
**339E	Wellston silt loam, 15 to 20 percent slopes	5.03	25.6%		Well drained	UNF	**101	**35	**41	**47	0	0.00	**3.09	**77
**301B2	Grantsburg silt loam, 2 to 5 percent slopes, eroded	1.48	7.5%		Moderately well drained	UNF	**125	**43	**51	0	**97	**3.03	0.00	**95
Weighted Average							104.1	35.4	42.1	12	62.4	1.15	1.82	79.5

**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:

<https://www.ideals.illinois.edu/handle/2142/1027/>

\*\* 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".

\*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.