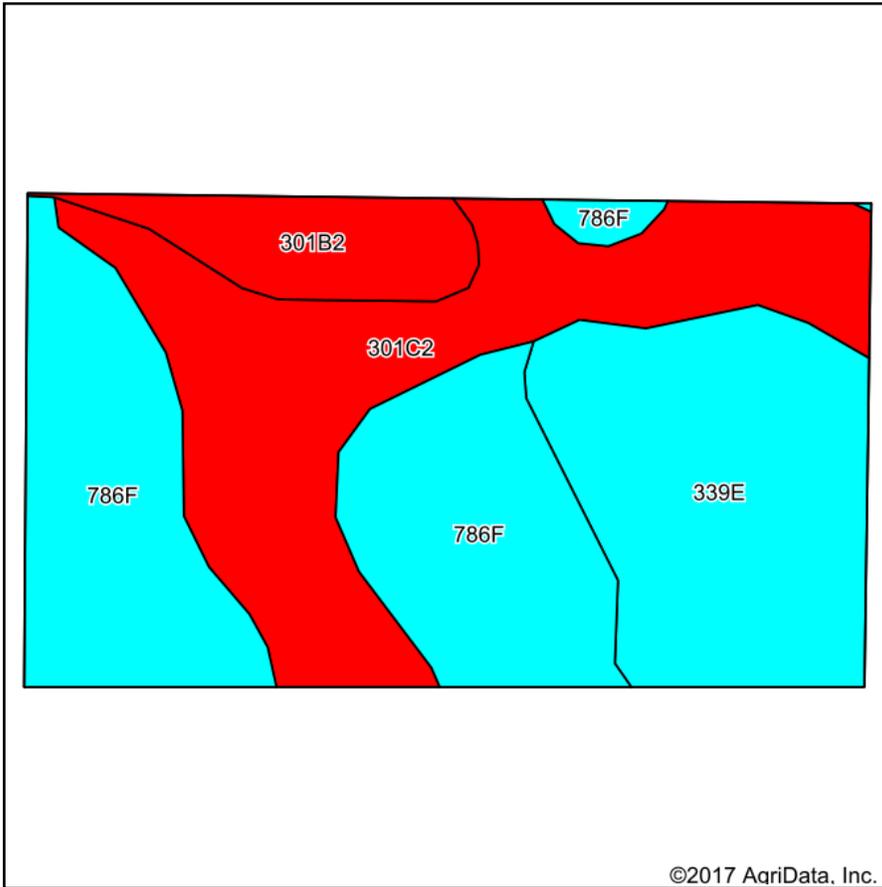
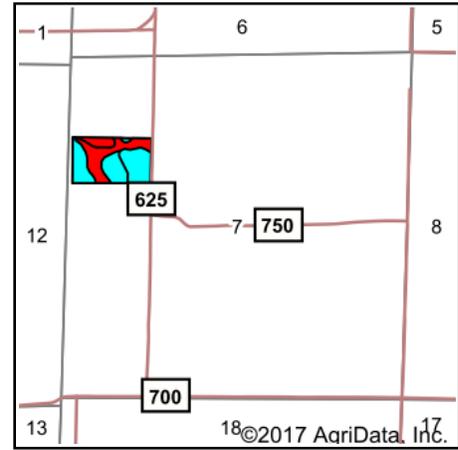


Soils Map



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
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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 ^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	
**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/](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