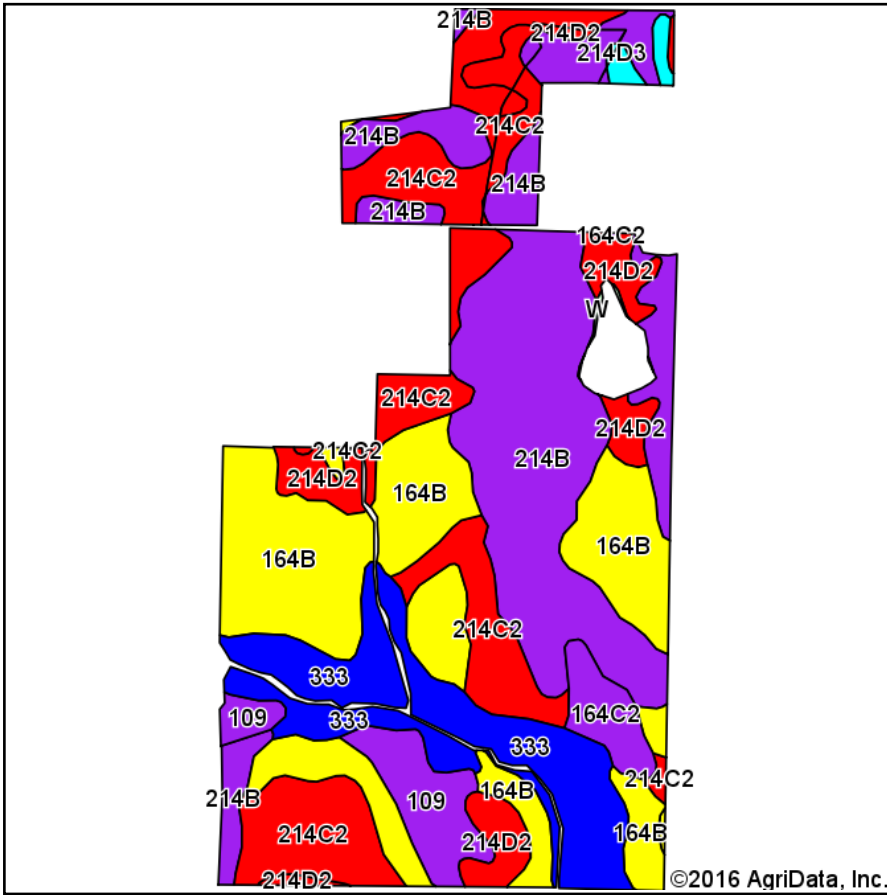
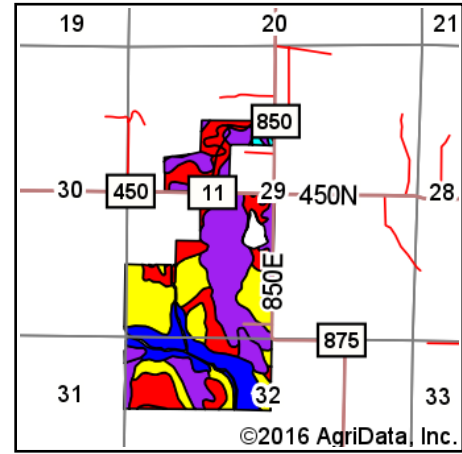


# Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**  
 County: **Edwards**  
 Location: **29-2S-14W**  
 Township: **French Creek**  
 Acres: **239.21**  
 Date: **10/13/2016**



## Area Symbol: IL047, Soil Area Version: 7

Code	Soil Description	Acres	Percent of field	Il. State Productivity Index Legend	Water Table	Restrictive Layer	Soil Drainage	Subsoil rooting a	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Grass-legume e hay, T/A	Crop productivity index for optimum management
**214B	Hosmer silt loam, 2 to 4 percent slopes	69.35	29.0%		2.2ft.	> 6.5ft.	Well drained	UNF	**139	**46	**57	0.00	**104
**164B	Stoy silt loam, 2 to 5 percent slopes	60.66	25.4%		2ft.	3.7ft. (Fragipan)	Somewhat poorly drained	FAV	**144	**47	**57	**4.59	**108
**214C2	Hosmer silt loam, 4 to 7 percent slopes, eroded	40.25	16.8%		2.2ft.	> 6.5ft.	Well drained	UNF	**126	**41	**52	0.00	**95
333	Wakeland silt loam	30.50	12.8%		2ft.	> 6.5ft.	Somewhat poorly drained	FAV	174	56	68	5.14	128
**214D2	Hosmer silt loam, 7 to 12 percent slopes, eroded	19.54	8.2%		2.2ft.	> 6.5ft.	Well drained	UNF	**126	**41	**52	0.00	**95
109	Racoon silt loam, 0 to 2 percent slopes	11.05	4.6%		0.5ft.	> 6.5ft.	Poorly drained	FAV	144	46	56	0.00	106
**164C2	Stoy silt loam, 5 to 10 percent slopes, eroded	5.63	2.4%		2ft.	3.5ft. (Fragipan)	Somewhat poorly drained	FAV	**135	**44	**54	**4.32	**101
**214D3	Hosmer soils, 7 to 12 percent slopes, severely eroded	1.75	0.7%		2.2ft.	> 6.5ft.	Well drained	UNF	**104	**34	**43	0.00	**78
W	Water	0.22	0.1%		> 6.5ft.	> 6.5ft.							
208	Sexton silt loam	0.17	0.1%		0.5ft.	> 6.5ft.	Poorly drained	FAV	157	50	63	4.89	116

382	Belknap silt loam, 0 to 2 percent slopes, frequently flooded	0.09	0.0%		1.2ft.	> 6.5ft.	Somewhat poorly drained	FAV	156	52	63	4.89	117
<b>Weighted Average</b>									<b>141.3</b>	<b>46.1</b>	<b>56.9</b>	<b>1.93</b>	<b>105.6</b>

Area Symbol: IL047, Soil Area Version: 7

**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

**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.