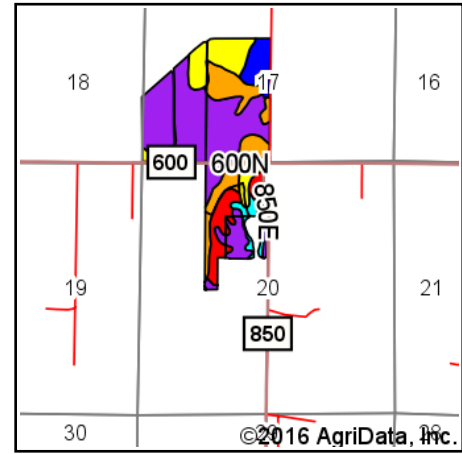
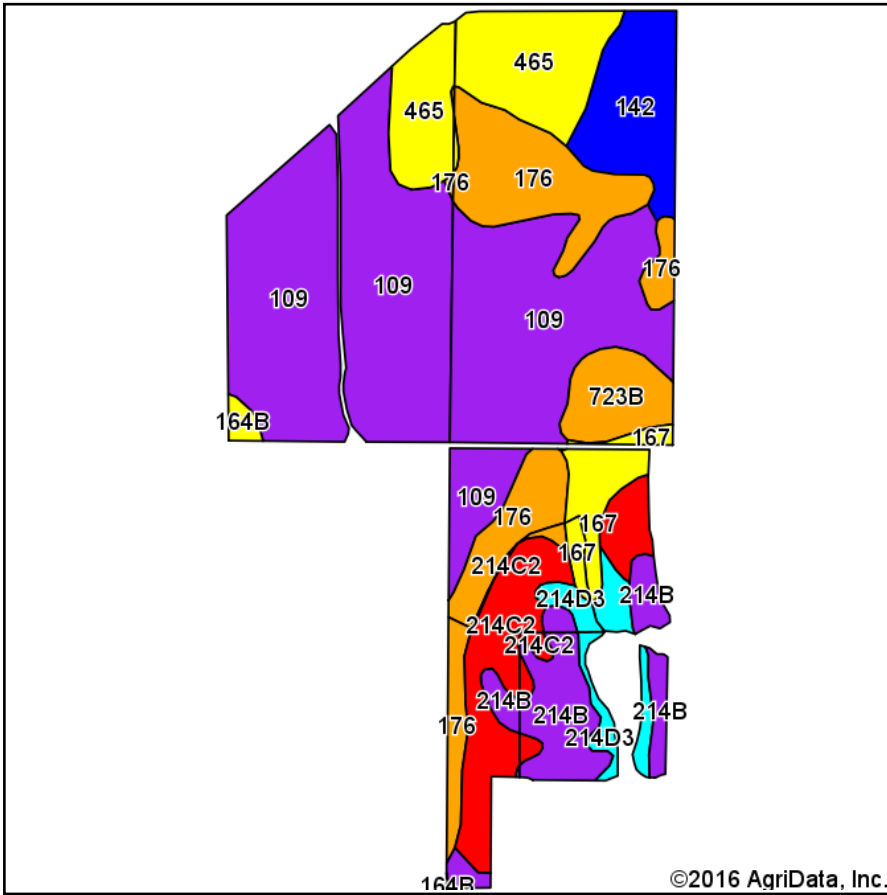


# Soils Map



State: **Illinois**  
 County: **Edwards**  
 Location: **17-2S-14W**  
 Township: **Browns**  
 Acres: **197.74**  
 Date: **10/13/2016**



Soils data provided by USDA and NRCS.

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## 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
109	Racoon silt loam, 0 to 2 percent slopes	88.16	44.6%		0.5ft.	> 6.5ft.	Poorly drained	FAV	144	46	56	0.00	106
176	Marissa silt loam	26.23	13.3%		2ft.	> 6.5ft.	Somewhat poorly drained	FAV	167	53	69	5.39	123
465	Montgomery silty clay	20.56	10.4%		0ft.	> 6.5ft.	Very poorly drained	FAV	148	49	58	4.52	110
**214C2	Hosmer silt loam, 4 to 7 percent slopes, eroded	13.55	6.9%		2.2ft.	> 6.5ft.	Well drained	UNF	**126	**41	**52	0.00	**95
**214B	Hosmer silt loam, 2 to 4 percent slopes	12.96	6.6%		2.2ft.	> 6.5ft.	Well drained	UNF	**139	**46	**57	0.00	**104
142	Patton silty clay loam	12.21	6.2%		0ft.	> 6.5ft.	Poorly drained	FAV	178	58	68	5.39	132
**723B	Reesville silt loam, 2 to 4 percent slopes	6.90	3.5%		1.7ft.	> 6.5ft.	Somewhat poorly drained	FAV	**168	**54	**65	**6.07	**123
167	Lukin silt loam	6.38	3.2%		2ft.	> 6.5ft.	Somewhat poorly drained	FAV	147	47	58	4.64	108
**214D3	Hosmer soils, 7 to 12 percent slopes, severely eroded	5.85	3.0%		2.2ft.	> 6.5ft.	Well drained	UNF	**104	**34	**43	0.00	**78

**214D2	Hosmer silt loam, 7 to 12 percent slopes, eroded	3.06	1.5%		2.2ft.	> 6.5ft.	Well drained	UNF	**126	**41	**52	0.00	**95
**164B	Stoy silt loam, 2 to 5 percent slopes	0.97	0.5%		2ft.	3.7ft. (Fragipan)	Somewhat poorly drained	FAV	**144	**47	**57	**4.59	**108
**164C2	Stoy silt loam, 5 to 10 percent slopes, eroded	0.91	0.5%		2ft.	3.5ft. (Fragipan)	Somewhat poorly drained	FAV	**135	**44	**54	**4.32	**101
<b>Weighted Average</b>									<b>147.4</b>	<b>47.5</b>	<b>58.4</b>	<b>1.92</b>	<b>109</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.