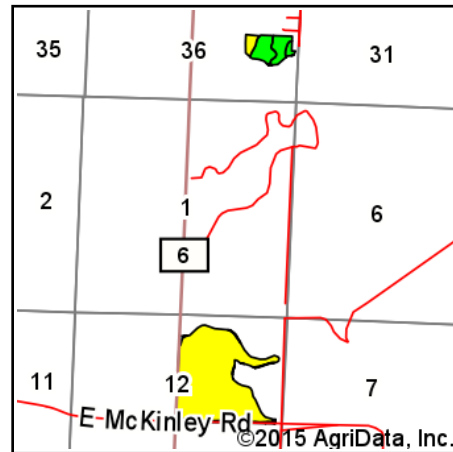
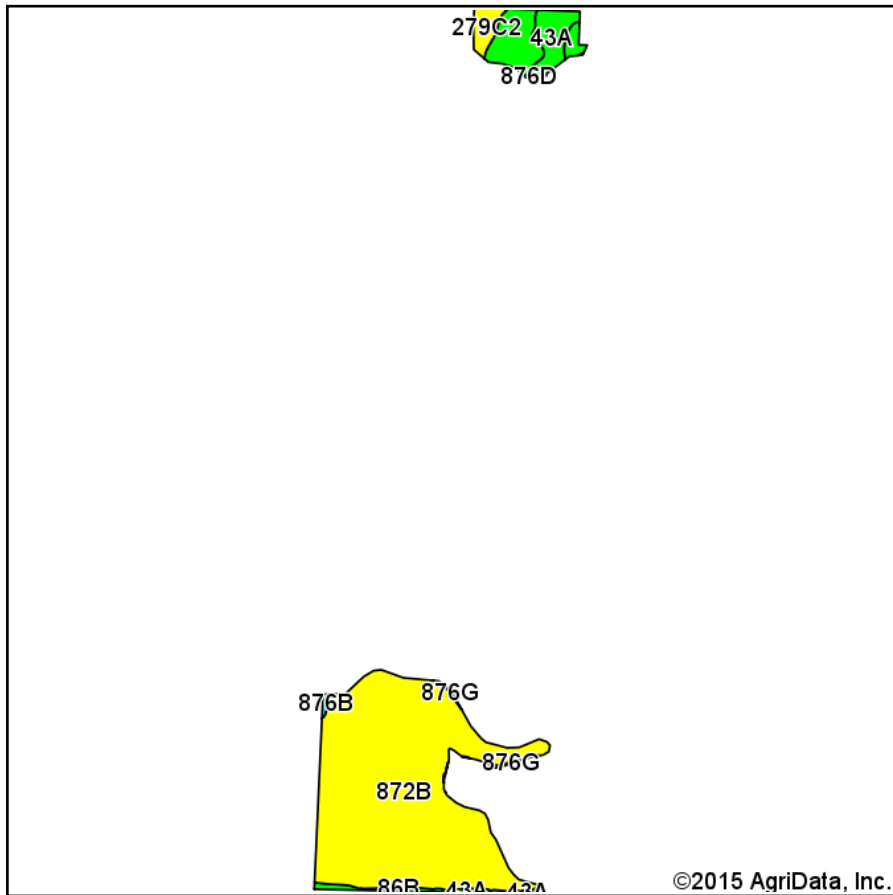


# Soil Map



State: **Illinois**  
 County: **Fulton**  
 Location: **1-6N-4E**  
 Township: **Buckheart**  
 Acres: **110.79**  
 Date: **5/28/2015**



Maps Provided By:



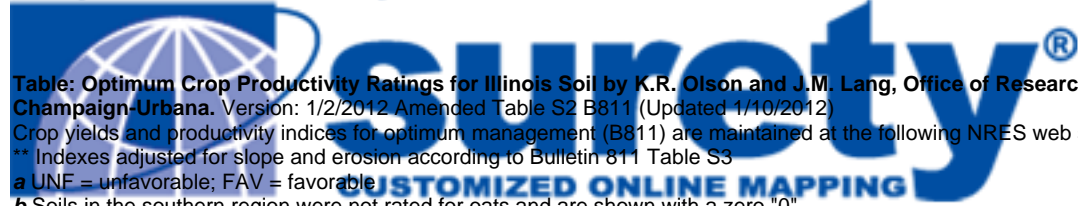
Soils data provided by USDA and NRCS.

## Area Symbol: IL057, Soil Area Version: 9

Code	Soil Description	Acres	Percent of field	Il. State Productivity Index Legend	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
**872B	Rapatee silty clay loam, 2 to 5 percent slopes	91.28	82.4%		FAV	**145	**50	**58	**68	0	**3.60	0.00	**109
**86B	Oscosilt loam, 2 to 5 percent slopes	9.85	8.9%		FAV	**189	**59	**74	**101	0	**6.83	0.00	**140
43A	Ipavasilt loam, 0 to 2 percent slopes	5.94	5.4%		FAV	191	62	77	100	0	0.00	5.90	142
**279C2	Rozettasilt loam, 5 to 10 percent slopes, eroded	2.76	2.5%		FAV	**153	**47	**60	**78	0	**4.90	0.00	**112
**876G	Lenzwheel silty clay loam, 20 to 60 percent slopes	0.39	0.4%		FAV	**59	**20	**22	**26	0	0.00	**1.96	**44
**876B	Lenzwheel silt loam, 1 to 7 percent slopes	0.36	0.3%		FAV	**113	**38	**43	**50	0	0.00	**3.72	**84
801B	Orthents, silty, undulating	0.15	0.1%		CROP YIELD DATA NOT AVAILABLE						.00	.00	
**876D	Lenzwheel silty clay loam, 7 to 20 percent slopes	0.06	0.1%		FAV	**106	**35	**40	**47	0	0.00	**3.50	**79
<b>Weighted Average</b>						<b>151</b>	<b>51.1</b>	<b>60.2</b>	<b>72.6</b>	<b>*</b>	<b>3.69</b>	<b>0.34</b>	<b>113.1</b>

Area Symbol: IL057, Soil Area Version: 9

## Maps Provided By:



**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 (Updated 1/10/2012)

Crop yields and productivity indices for optimum management (B811) are maintained at the following NRES web site: <http://soilproductivity.nres.illinois.edu/>

\*\* Indexes adjusted for slope and erosion according to Bulletin 811 Table S3

**a** UNE = 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 north and south of 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.