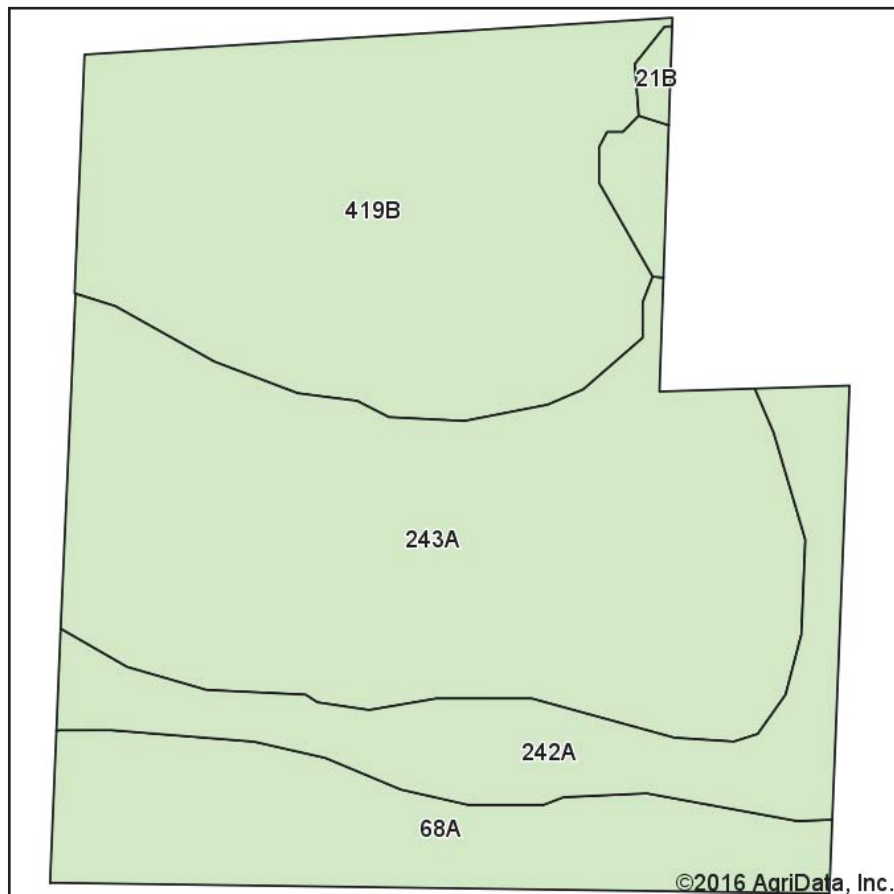
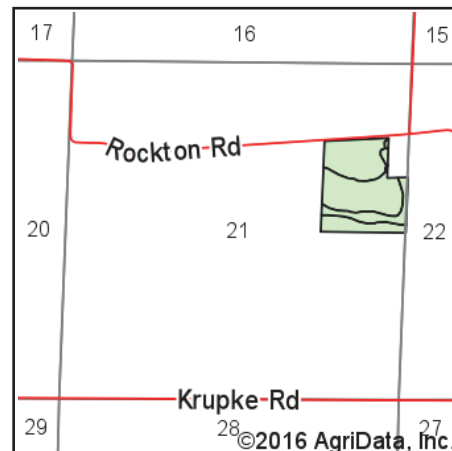


# Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**  
 County: **Boone**  
 Location: **21-46N-3E**  
 Township: **Manchester**  
 Acres: **40.18**  
 Date: **4/13/2016**

**TOTAL**  
 REALTY CO.  
 A SUBSIDIARY OF PEOPLES COMPANY

Maps Provided By:  
  
 CUSTOMIZED ONLINE MAPPING  
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## Area Symbol: IL007, Soil Area Version: 9

Code	Soil Description	Acres	Percent of field	Il. State Productivity Index Legend	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Oats Bu/A <i>b</i>	Alfalfa <i>d</i> hay, T/A	Crop productivity index for optimum management
243A	St. Charles silt loam, 0 to 2 percent slopes	15.81	39.3%		168	52	65	87	5.14	122
**419B	Flagg silt loam, 2 to 5 percent slopes	12.74	31.7%		**160	**51	**62	**82	**4.97	**118
68A	Sable silty clay loam, 0 to 2 percent slopes	5.78	14.4%		192	63	74	99	0.00	143
242A	Kendall silt loam, 0 to 2 percent slopes	5.67	14.1%		172	53	66	89	0.00	125
**21B	Pecatonica silt loam, 2 to 5 percent slopes	0.18	0.4%		**152	**49	**59	**76	**4.47	**112
<b>Weighted Average</b>					<b>169.4</b>	<b>53.4</b>	<b>65.5</b>	<b>87.4</b>	<b>3.62</b>	<b>124.1</b>

Area Symbol: IL007, Soil Area Version: 9

**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

*b* Soils in the southern region were not rated for oats 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".

Soils data provided by USDA and NRCS. Soils data provided by University of Illinois at Champaign-Urbana.

\*c: Using Capabilities Class Dominant Condition Aggregation Method