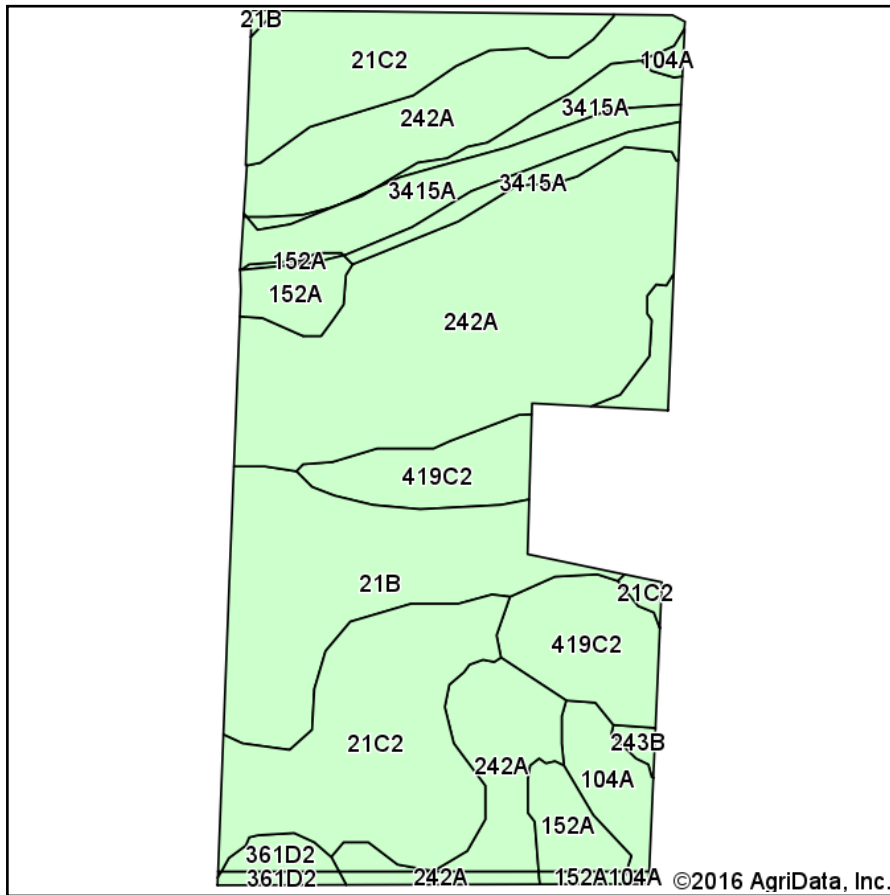
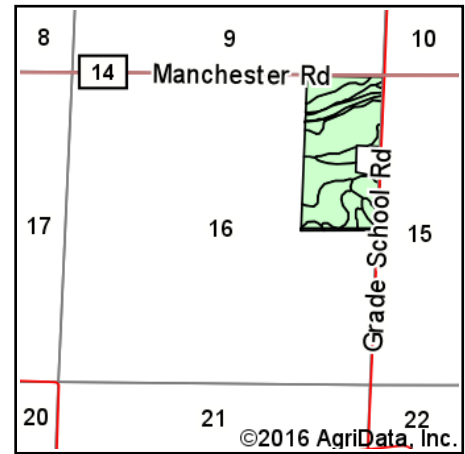


# Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**  
 County: **Boone**  
 Location: **16-46N-3E**  
 Township: **Manchester**  
 Acres: **74.34**  
 Date: **11/21/2016**

**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 <sup>b</sup>	Alfalfa <sup>d</sup> hay, T/A	Crop productivity index for optimum management
242A	Kendall silt loam, 0 to 2 percent slopes	28.21	37.9%		172	53	66	89	0.00	125
**21C2	Pecatonica silt loam, 5 to 10 percent slopes, eroded	15.89	21.4%		**143	**46	**56	**72	**4.20	**105
**21B	Pecatonica silt loam, 2 to 5 percent slopes	10.06	13.5%		**152	**49	**59	**76	**4.47	**112
**419C2	Flagg silt loam, 5 to 10 percent slopes, eroded	7.36	9.9%		**151	**48	**59	**77	**4.67	**111
3415A	Orion silt loam, 0 to 2 percent slopes, frequently flooded	6.21	8.4%		180	57	66	89	0.00	131
152A	Drummer silty clay loam, 0 to 2 percent slopes	3.17	4.3%		195	63	73	100	0.00	144
104A	Virgil silt loam, 0 to 2 percent slopes	2.16	2.9%		182	56	70	97	0.00	132
**361D2	Kidder loam, 6 to 12 percent slopes, eroded	1.03	1.4%		**127	**43	**52	**60	**3.26	**95
**243B	St. Charles silt loam, 2 to 5 percent slopes	0.25	0.3%		**166	**51	**64	**86	**5.09	**121
<b>Weighted Average</b>					<b>162.3</b>	<b>51.2</b>	<b>62.4</b>	<b>82.7</b>	<b>2.03</b>	<b>118.7</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

<sup>b</sup> Soils in the southern region were not rated for oats and are shown with a zero "0".

<sup>d</sup> Soils in the poorly drained group were not rated for alfalfa 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.