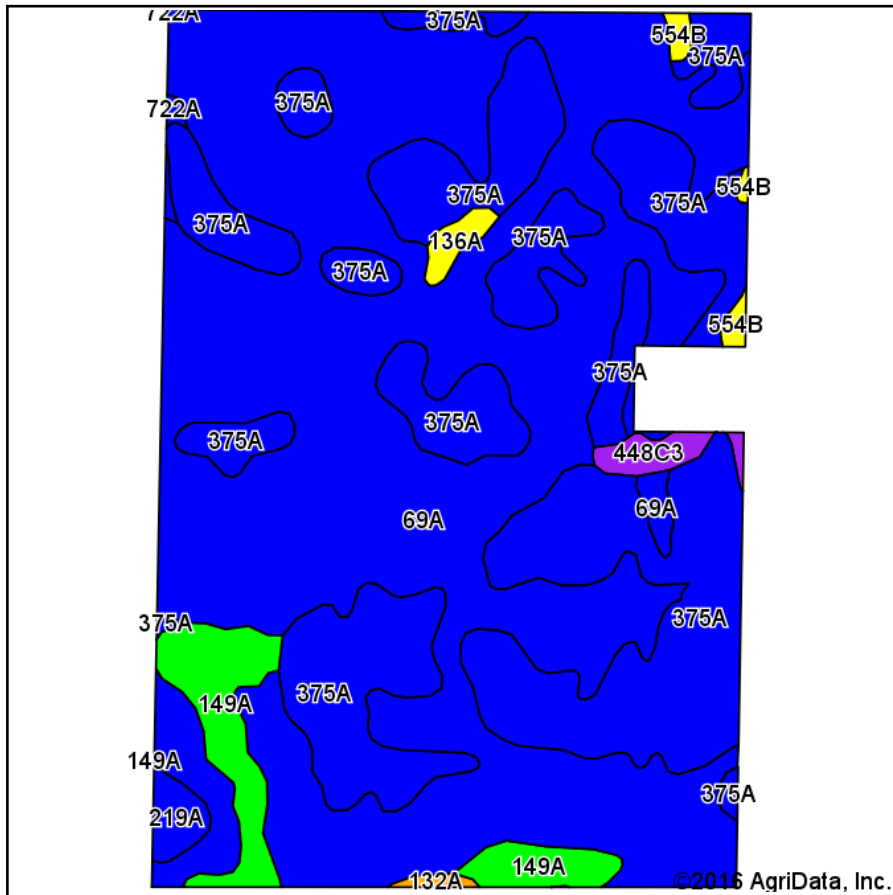
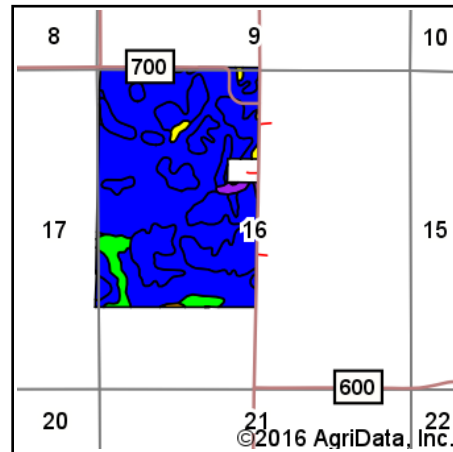


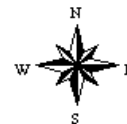
# Roberts Trust 514 Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**  
 County: **Douglas**  
 Location: **16-15N-10E**  
 Township: **Sargent**  
 Acres: **236.56**  
 Date: **10/27/2016**



## Area Symbol: IL041, Soil Area Version: 13

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-le gume e hay, T/A	Crop productivity index for optimum management
69A	Milford silty clay loam, 0 to 2 percent slopes	141.34	59.7%		FAV	171	57	68	88	0	0.00	5.52	128
375A	Rutland silt loam, 0 to 2 percent slopes	78.38	33.1%		FAV	180	58	71	97	0	0.00	5.52	133
149A	Brenton silt loam, 0 to 2 percent slopes	9.91	4.2%		FAV	195	60	74	105	0	0.00	5.64	141
**448C3	Mona loam, 5 to 10 percent slopes, severely eroded	1.98	0.8%		FAV	**139	**44	**54	**71	0	**3.66	0.00	**101
219A	Millbrook silt loam, 0 to 2 percent slopes	1.80	0.8%		FAV	177	55	69	93	0	0.00	5.27	129
136A	Brooklyn silt loam, 0 to 2 percent slopes	1.19	0.5%		FAV	152	49	60	74	0	0.00	4.52	112
**554B	Kernan silt loam, 2 to 5 percent slopes	1.12	0.5%		FAV	**151	**50	**60	**77	0	0.00	**4.59	**112
722A	Drummer-Milford silty clay loams, 0 to 2 percent slopes	0.43	0.2%		FAV	184	60	70	95	0	0.00	5.65	137
132A	Starks silt loam, 0 to 2 percent slopes	0.41	0.2%		FAV	163	51	63	84	0	5.14	0.00	119
<b>Weighted Average</b>						<b>174.6</b>	<b>57.3</b>	<b>69.1</b>	<b>91.5</b>	<b>*.</b>	<b>0.04</b>	<b>5.46</b>	<b>129.8</b>

Area Symbol: IL041, Soil Area Version: 13

**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

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

**c** Soils in the northern region or in 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.