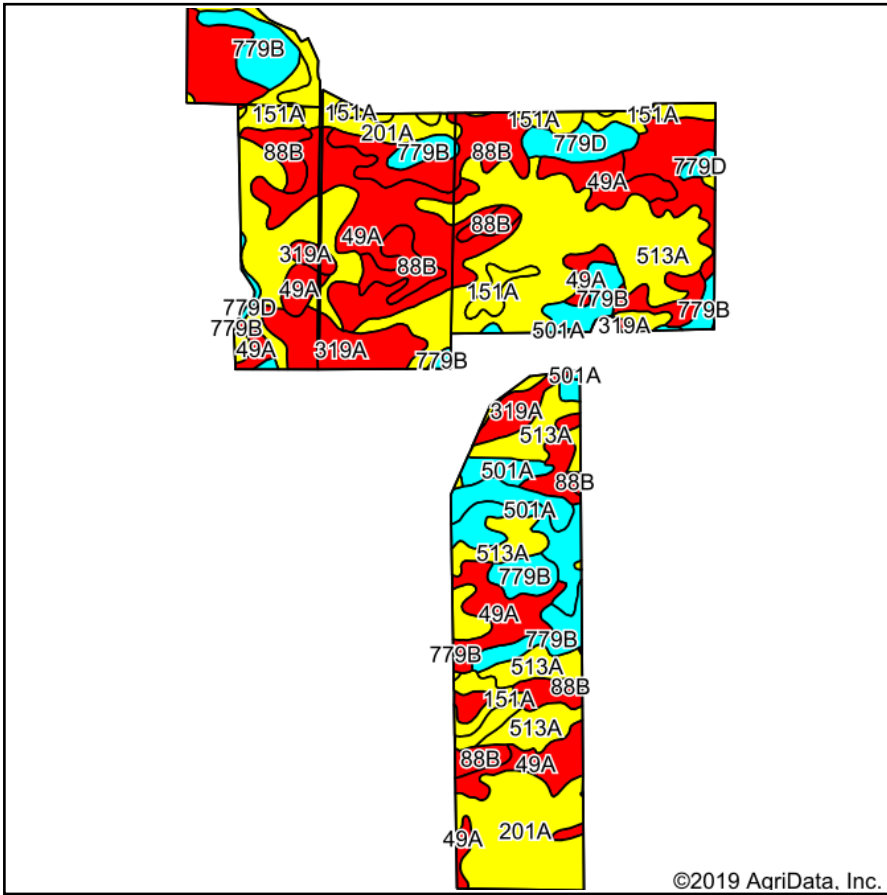
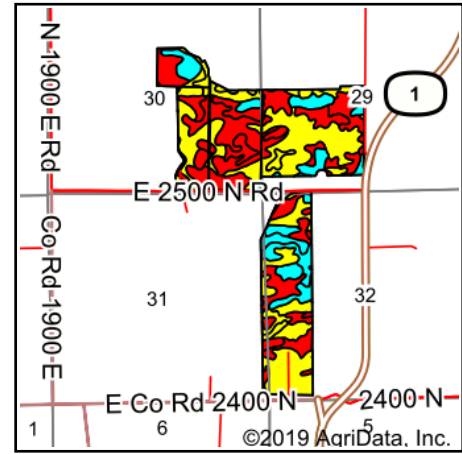


# Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**  
 County: **Iroquois**  
 Location: **29-28N-12W**  
 Township: **Martinton**  
 Acres: **429.52**  
 Date: **3/4/2019**



**Area Symbol: IL075, Soil Area Version: 12**

Code	Soil Description	Acres	Percent of field	Il. State Productivity Index Legend	Subsoil rooting <sup>a</sup>	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Oats Bu/A	Sorghum c Bu/A	Alfalfa d hay, T/A	Grass-legume e hay, T/A	Crop productivity index for optimum management
513A	Granby fine sandy loam, 0 to 2 percent slopes	120.22	28.0%		FAV	139	50	60	68	0	0.00	4.39	108
49A	Watseka loamy fine sand, 0 to 2 percent slopes	102.53	23.9%		FAV	122	41	51	61	0	0.00	4.39	93
**88B	Sparta loamy fine sand, 1 to 6 percent slopes	49.84	11.6%		FAV	**118	**41	**50	**57	0	0.00	**3.97	**91
201A	Gilford fine sandy loam, 0 to 2 percent slopes	46.47	10.8%		FAV	148	49	59	73	0	0.00	4.52	110
**779B	Chelsea loamy fine sand, 1 to 6 percent slopes	40.60	9.5%		FAV	**104	**32	**47	**53	0	0.00	**3.60	**76
319A	Aurelius muck, 0 to 2 percent slopes	22.92	5.3%		FAV	123	45	0	0	0	0.00	0.00	97
151A	Ridgeville fine sandy loam, 0 to 2 percent slopes	20.00	4.7%		FAV	151	51	63	78	0	0.00	5.02	114
501A	Morocco loamy fine sand, 0 to 2 percent slopes	16.53	3.8%		FAV	112	39	50	59	0	0.00	4.39	87
**779D	Chelsea fine sand, 6 to 12 percent slopes	10.41	2.4%		FAV	**102	**31	**46	**52	0	0.00	**3.53	**75
<b>Weighted Average</b>						<b>127.9</b>	<b>43.9</b>	<b>51.6</b>	<b>60.3</b>	<b>*-</b>	<b>0.00</b>	<b>4.05</b>	<b>97.7</b>

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

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** 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.