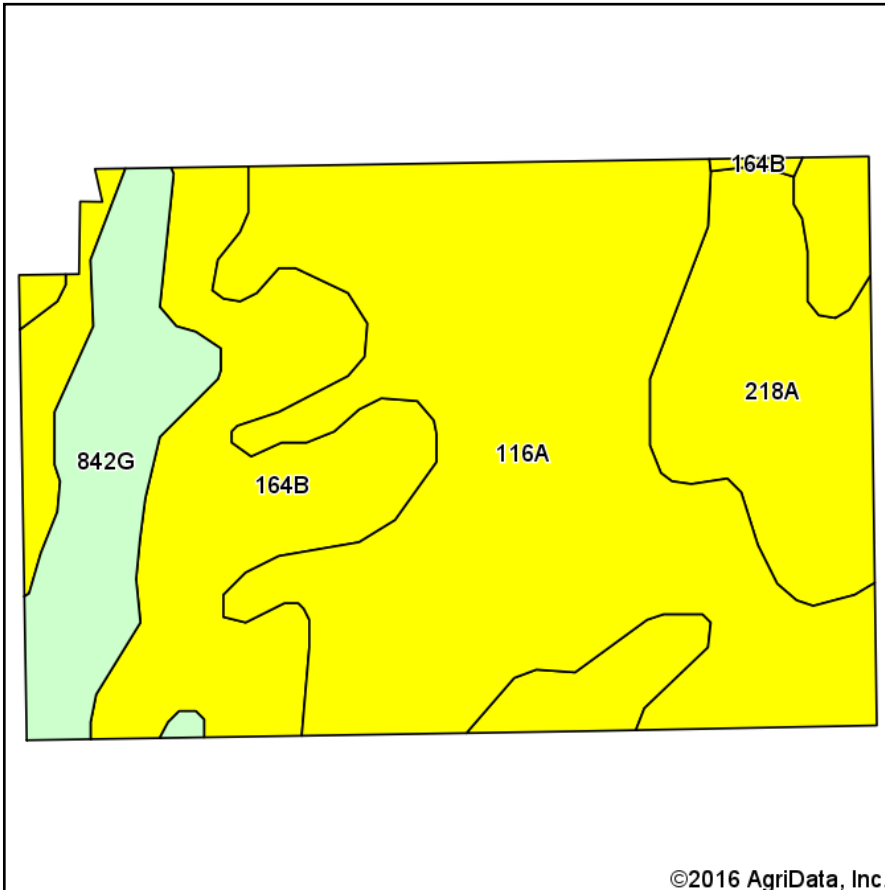
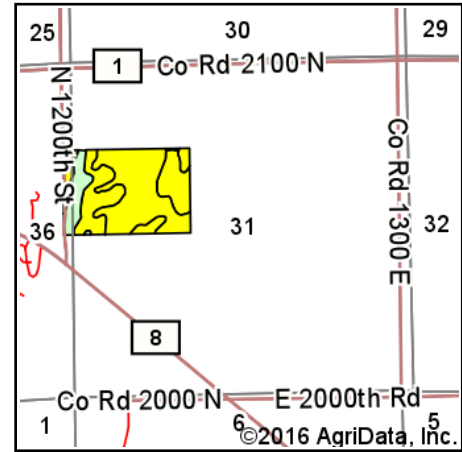


# J. Kirchner Soils Map



Soils data provided by USDA and NRCS.

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State: **Illinois**  
 County: **Clark**  
 Location: **31-12N-12W**  
 Township: **Douglas**  
 Acres: **61.62**  
 Date: **10/25/2016**



Area Symbol: IL023, Soil Area Version: 10

Code	Soil Description	Acre s	Percent of field	Il. State Productivity Index Legend	Subsoil rooting a	Corn Bu/A	Soybeans Bu/A	Whea t Bu/A	Oats Bu/A	Sorghum Bu/A	Alfalfa d hay, T/A	Grass-leg ume e hay, T/A	Crop productivity index for optimum management
116A	Whitson silt loam, 0 to 2 percent slopes	30.7 6	49.9%		FAV	158	50	60	75	0	0.00	4.77	116
**164B	Stoy silt loam, 2 to 5 percent slopes	15.5 3	25.2%		FAV	**14 4	**47	**57	0	**112	0.00	**4.59	**108
218A	Newberry silt loam, 0 to 2 percent slopes	8.40	13.6%		FAV	155	48	60	0	119	0.00	4.77	114
842G	Hickory-Rock outcrop complex, 35 to 60 percent slopes	6.93	11.2%										
<b>Weighted Average</b>						<b>136. 3</b>	<b>43.3</b>	<b>52.5</b>	<b>37.4</b>	<b>44.4</b>	<b>0.00</b>	<b>4.19</b>	<b>100.7</b>

Area Symbol: IL023, Soil Area Version: 10

**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".

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