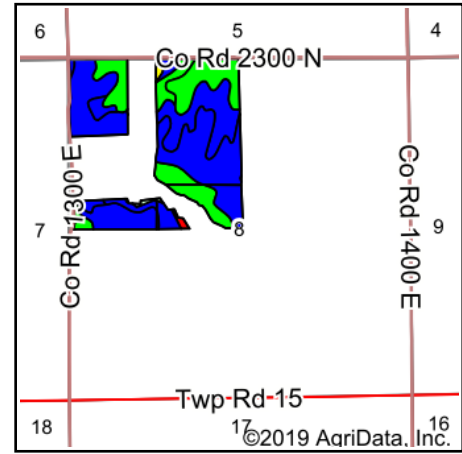
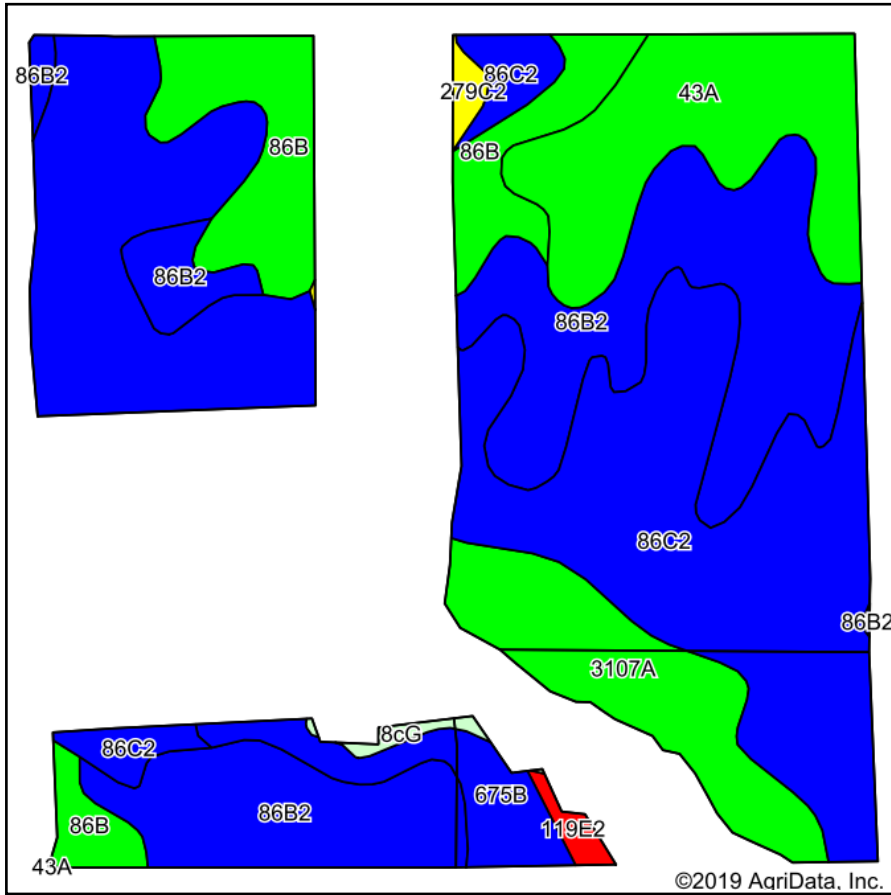


# Soils Map



State: **Illinois**  
 County: **McDonough**  
 Location: **8-7N-2W**  
 Township: **Walnut Grove**  
 Acres: **113.18**  
 Date: **2/19/2019**



Soils data provided by USDA and NRCS.

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## Area Symbol: IL109, Soil Area Version: 14

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 <sup>b</sup>	Sorghum <sup>c</sup> Bu/A	Alfalfa <sup>d</sup> hay, T/A	Grass-legume <sup>e</sup> hay, T/A	Crop productivity index for optimum management
**86C2	Oscosilt loam, 5 to 10 percent slopes, eroded	45.91	40.6%		FAV	**178	**56	**70	**95	0	**6.42	0.00	**131
**86B2	Oscosilt loam, 2 to 5 percent slopes, eroded	27.54	24.3%		FAV	**181	**57	**71	**97	0	**6.56	0.00	**134
43A	Ipavasilt loam, 0 to 2 percent slopes	12.47	11.0%		FAV	191	62	77	100	0	0.00	5.90	142
**86B	Oscosilt loam, 2 to 5 percent slopes	11.89	10.5%		FAV	**189	**59	**74	**101	0	**6.83	0.00	**140
3107A	Sawmillsilty clay loam, 0 to 2 percent slopes, frequently flooded	9.54	8.4%		FAV	189	60	71	98	0	0.00	5.77	139
**675B	Greenbushsilt loam, 2 to 5 percent slopes	4.12	3.6%		FAV	**182	**57	**69	**96	0	0.00	**5.34	**133
**119E2	Elcosilt loam, 18 to 25 percent slopes, eroded	0.62	0.5%		FAV	**124	**40	**48	**62	0	**3.49	0.00	**92
**279C2	Rozettasilt loam, 5 to 10 percent slopes, eroded	0.59	0.5%		FAV	**153	**47	**60	**78	0	**4.90	0.00	**112
**8cG	Hickorysilt loam, cool mesic, 35 to 60 percent slopes	0.50	0.4%		FAV	**58	**20	**24	**27	0	**1.93	0.00	**44
<b>Weighted Average</b>						<b>181.4</b>	<b>57.3</b>	<b>71.1</b>	<b>96.4</b>	<b>*</b>	<b>4.97</b>	<b>1.33</b>	<b>133.9</b>

**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.