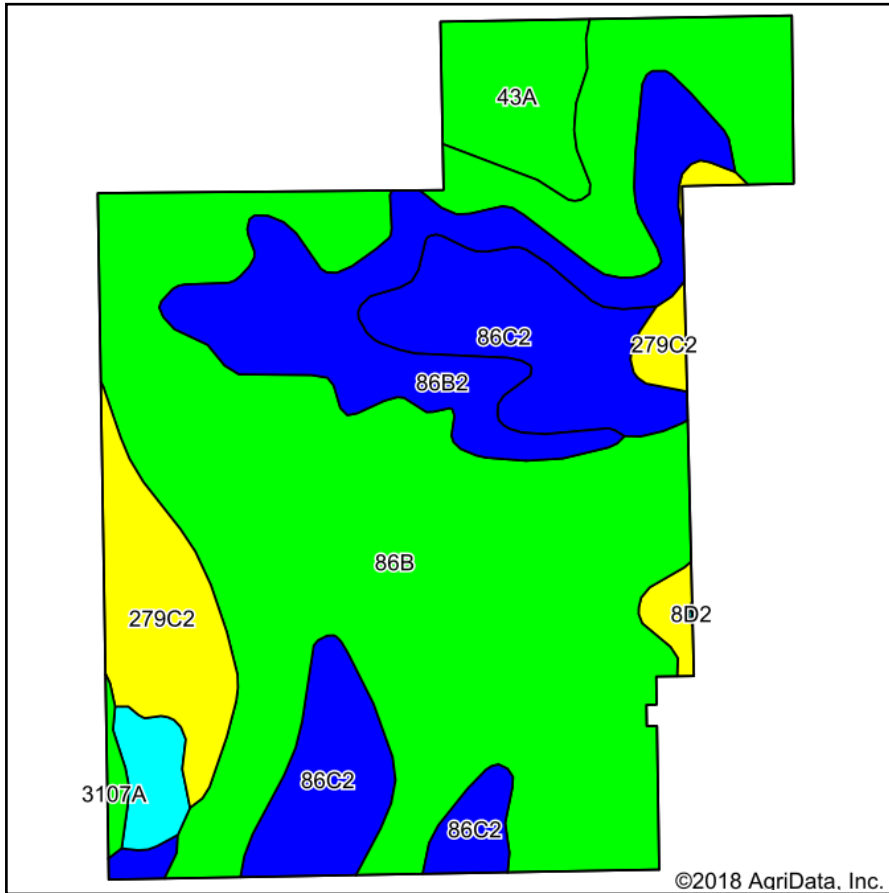
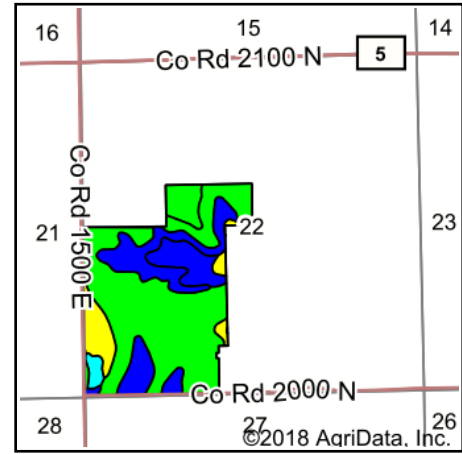


# Courson Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**  
 County: **McDonough**  
 Location: **22-7N-2W**  
 Township: **Walnut Grove**  
 Acres: **160.56**  
 Date: **8/16/2018**



**Area Symbol: IL109, 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
**86B	Osco silt loam, 2 to 5 percent slopes	92.47	57.6%		FAV	**189	**59	**74	**101	0	**6.83	0.00	**140
**86C2	Osco silt loam, 5 to 10 percent slopes, eroded	22.94	14.3%		FAV	**178	**56	**70	**95	0	**6.42	0.00	**131
**86B2	Osco silt loam, 2 to 5 percent slopes, eroded	20.55	12.8%		FAV	**181	**57	**71	**97	0	**6.56	0.00	**134
**279C2	Rozetta silt loam, 5 to 10 percent slopes, eroded	13.36	8.3%		FAV	**153	**47	**60	**78	0	**4.90	0.00	**112
43A	Ipava silt loam, 0 to 2 percent slopes	7.56	4.7%		FAV	191	62	77	100	0	0.00	5.90	142
**7D3	Atlas silty clay loam, 10 to 18 percent slopes, severely eroded	2.84	1.8%		UNF	**81	**28	**32	**37	0	0.00	**2.42	**62
3107A	Sawmill silty clay loam, 0 to 2 percent slopes, frequently flooded	0.84	0.5%		FAV	189	60	71	98	0	0.00	5.77	139
<b>Weighted Average</b>						<b>181.6</b>	<b>56.9</b>	<b>71.3</b>	<b>96.5</b>	<b>*</b>	<b>6.10</b>	<b>0.35</b>	<b>134.3</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".

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