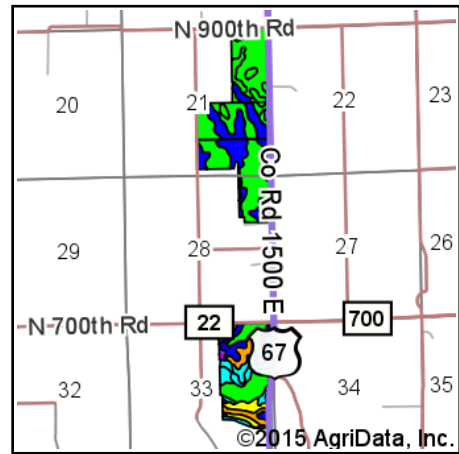
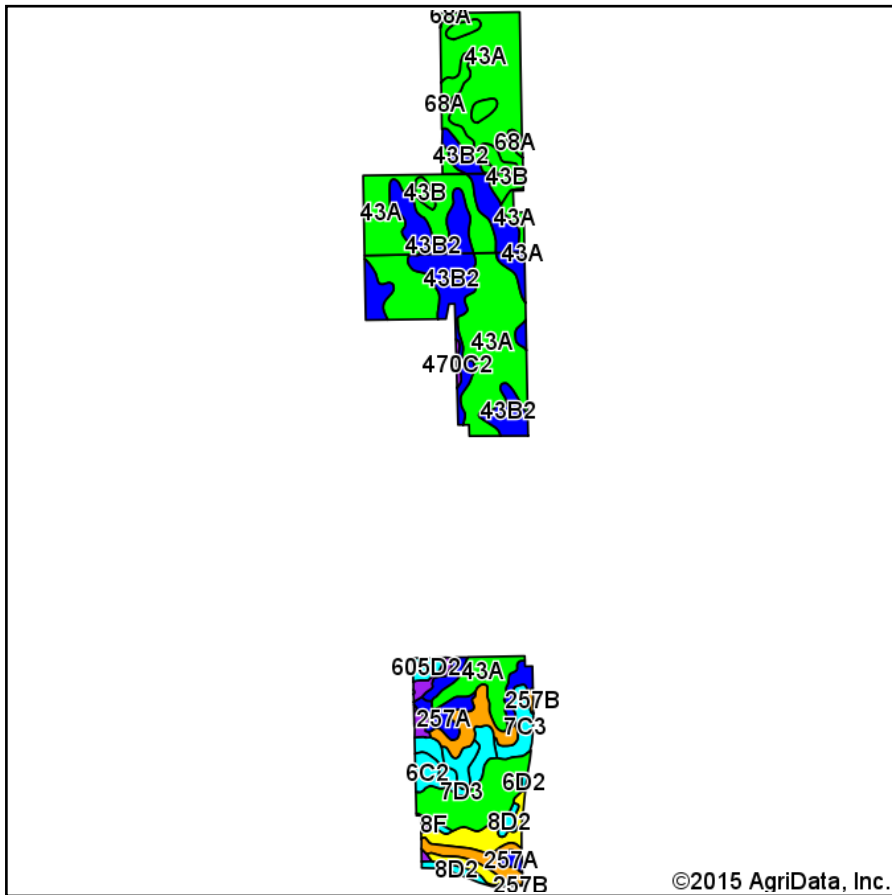


# Soil Map



State: **Illinois**  
 County: **McDonough**  
 Location: **28-5N-2W**  
 Township: **Scotland**  
 Acres: **431.83**  
 Date: **4/21/2015**



Maps Provided By:



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Soils data provided by USDA and NRCS.

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## Area Symbol: IL109, Soil Area Version: 9

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-legume e hay, T/A	Crop productivity index for optimum management
43A	Ipava silt loam, 0 to 2 percent slopes	191.70	44.4%		FAV	191	62	77	100	0	0.00	5.90	142
**43B2	Ipava silt loam, 2 to 5 percent slopes, eroded	84.56	19.6%		FAV	**181	**59	**73	**95	0	0.00	**5.61	**135
3451A	Lawson silt loam, 0 to 2 percent slopes, frequently flooded	29.47	6.8%		FAV	190	61	73	97	0	0.00	5.77	140
**279C2	Rozetta silt loam, 5 to 10 percent slopes, eroded	16.88	3.9%		FAV	**153	**47	**60	**78	0	**4.90	0.00	**112
68A	Sable silty clay loam, 0 to 2 percent slopes	14.82	3.4%		FAV	192	63	74	99	0	0.00	5.77	143
**257B	Clarksdale silt loam, 2 to 5 percent slopes	13.81	3.2%		FAV	**172	**55	**68	**88	0	0.00	**5.22	**127
**7D3	Atlas silty clay loam, 10 to 18 percent slopes, severely eroded	12.10	2.8%		UNF	**81	**28	**32	**37	0	0.00	**2.42	**62
**43B	Ipava silt loam, 2 to 5 percent slopes	11.67	2.7%		FAV	**189	**61	**76	**99	0	0.00	**5.84	**141
**6C2	Fishhook silt loam, 5 to 10 percent slopes, eroded	10.34	2.4%		UNF	**119	**38	**46	**57	0	0.00	**3.50	**87
257A	Clarksdale silt loam, 0 to 2 percent slopes	10.04	2.3%		FAV	174	56	69	89	0	0.00	5.27	128
**279B	Rozetta silt loam, 2 to 5 percent slopes	9.39	2.2%		FAV	**162	**50	**64	**83	0	**5.22	0.00	**119
**7C3	Atlas silty clay loam, 5 to 10 percent slopes, severely eroded	9.25	2.1%		UNF	**87	**30	**34	**40	0	0.00	**2.60	**67

**470C2	Keller silt loam, 5 to 10 percent slopes, eroded	6.02	1.4%		UNF	**137	**46	**55	**59	0	0.00	**4.18	**103
**8D2	Hickory silt loam, 10 to 18 percent slopes, eroded	5.39	1.2%		FAV	**108	**36	**44	**50	0	**3.58	0.00	**82
**605D2	Ursa silt loam, 10 to 18 percent slopes, eroded	3.65	0.8%		UNF	**95	**33	**39	**42	0	0.00	**3.16	**72
**8F	Hickory silt loam, 18 to 35 percent slopes	1.39	0.3%		FAV	**86	**29	**35	**40	0	**2.85	0.00	**65
**279D2	Rozetta silt loam, 10 to 18 percent slopes, eroded	0.90	0.2%		FAV	**146	**45	**58	**75	0	**4.69	0.00	**107
**6D2	Fishhook silt loam, 10 to 18 percent slopes, eroded	0.45	0.1%		UNF	**111	**35	**43	**53	0	0.00	**3.27	**81
<b>Weighted Average</b>						<b>175.7</b>	<b>57</b>	<b>70.2</b>	<b>90.8</b>	<b>*-</b>	<b>0.37</b>	<b>5.05</b>	<b>130.6</b>

Area Symbol: IL109, Soil Area Version: 9

**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 (Updated 1/10/2012)

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.