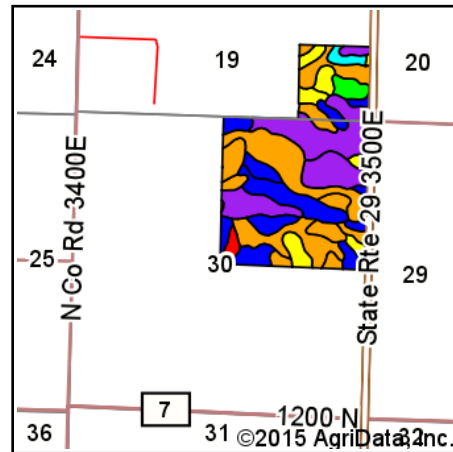
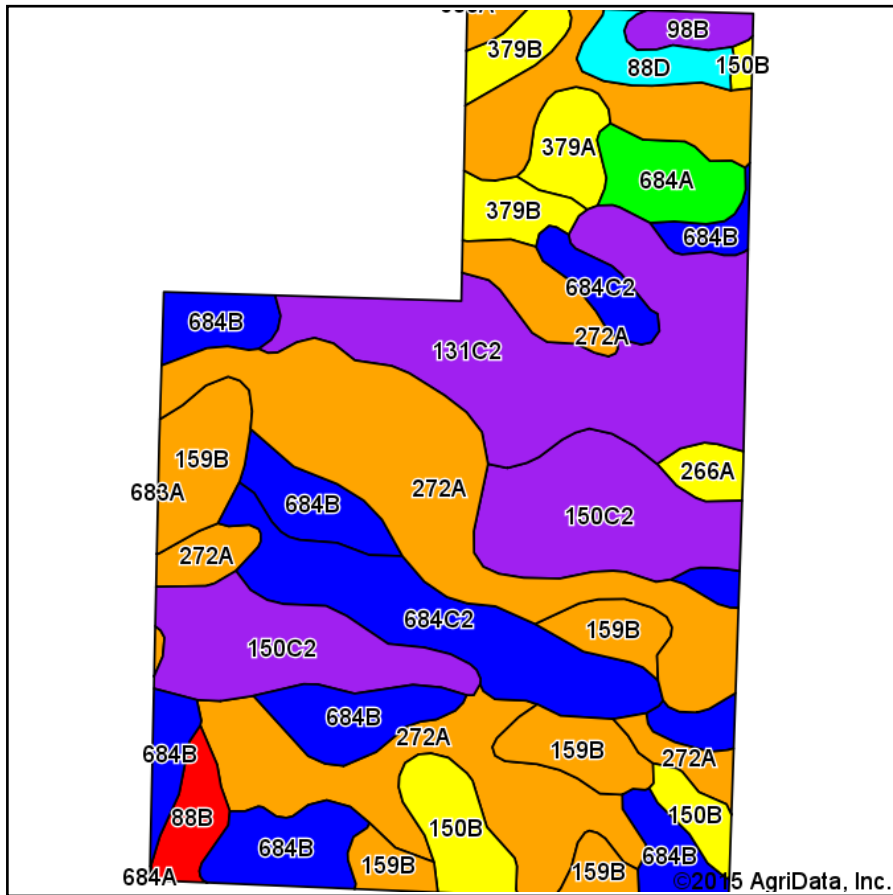


# Soil Map



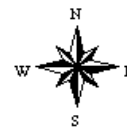
State: **Illinois**  
 County: **Mason**  
 Location: **30-21N-5W**  
 Township: **Allens Grove**  
 Acres: **195.17**  
 Date: **4/22/2015**



Maps Provided By:



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Soils data provided by USDA and NRCS.

**Area Symbol: IL125, Soil Area Version: 8**

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
272A	Edginton silt loam, 0 to 2 percent slopes	57.13	29.3%		FAV	166	54	65	84	0	0.00	5.27	124
**131C2	Alvin fine sandy loam, 5 to 10 percent slopes, eroded	26.47	13.6%		FAV	**140	**46	**55	**69	0	**3.50	0.00	**103
**684B	Broadwell silt loam, 2 to 5 percent slopes	25.47	13.1%		FAV	**186	**58	**72	**99	0	**6.70	0.00	**137
**150C2	Onarga sandy loam, 5 to 10 percent slopes, eroded	24.38	12.5%		FAV	**138	**45	**57	**72	0	**3.85	0.00	**102
**684C2	Broadwell silt loam, 5 to 10 percent slopes, eroded	16.17	8.3%		FAV	**175	**55	**68	**93	0	**6.30	0.00	**128
**159B	Pillot silt loam, 2 to 5 percent slopes	15.41	7.9%		FAV	**160	**52	**63	**81	0	**4.59	0.00	**119
**150B	Onarga sandy loam, 2 to 5 percent slopes	7.00	3.6%		FAV	**147	**48	**60	**76	0	**4.10	0.00	**109
**379B	Dakota fine sandy loam, 2 to 5 percent slopes	5.12	2.6%		FAV	**149	**49	**60	**73	0	**4.35	0.00	**111
684A	Broadwell silt loam, 0 to 2 percent slopes	4.74	2.4%		FAV	188	59	73	100	0	6.77	0.00	138
379A	Dakota fine sandy loam, 0 to 2 percent slopes	3.44	1.8%		FAV	150	49	61	74	0	4.39	0.00	112
**88D	Sparta loamy sand, 6 to 15 percent slopes	3.08	1.6%		FAV	**111	**38	**47	**54	0	0.00	**3.73	**86
**88B	Sparta loamy sand, 1 to 6 percent slopes	3.03	1.6%		FAV	**118	**41	**50	**57	0	0.00	**3.97	**91
**98B	Ade loamy fine sand, 1 to 6 percent slopes	2.00	1.0%		FAV	**134	**47	**57	**69	0	0.00	**4.22	**102



266A	Disco sandy loam, 0 to 2 percent slopes	1.73	0.9%		FAV	145	49	58	70	0	3.76	0.00	108
<b>Weighted Average</b>						<b>158.9</b>	<b>51.4</b>	<b>62.8</b>	<b>81.4</b>	<b>*-</b>	<b>3.25</b>	<b>1.71</b>	<b>117.8</b>

Area Symbol: IL125, Soil Area Version: 8

**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.