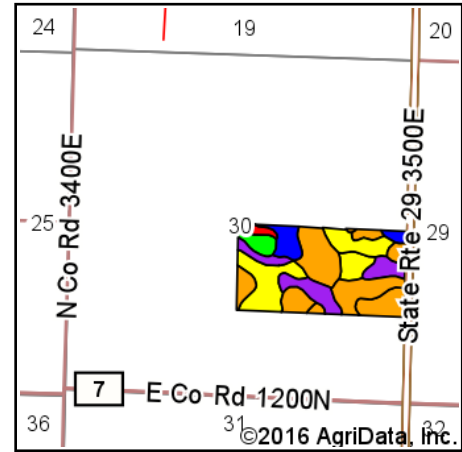
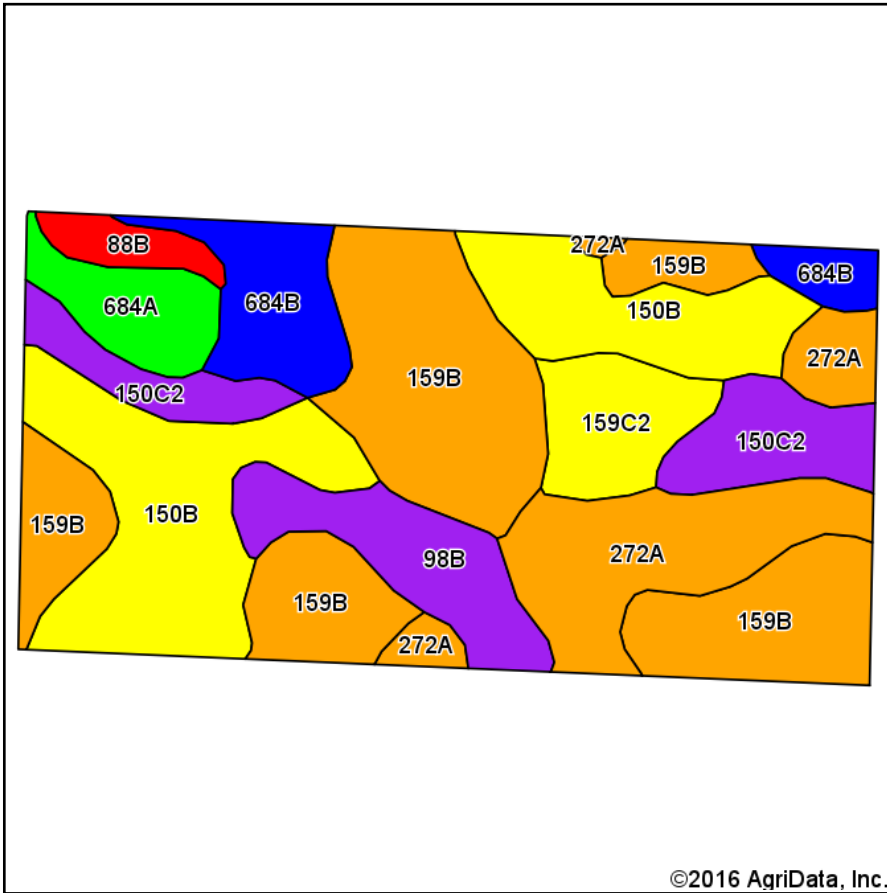


# Gurga Soils Map



State: **Illinois**  
 County: **Mason**  
 Location: **30-21N-5W**  
 Township: **Allens Grove**  
 Acres: **78.85**  
 Date: **4/14/2016**



Soils data provided by USDA and NRCS.

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**Area Symbol: IL125, 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	Sorghum c Bu/A	Alfalfa d hay, T/A	Grass-legume e hay, T/A	Crop productivity index for optimum management
**159B	Pillot silt loam, 2 to 5 percent slopes	23.98	30.4%		FAV	**160	**52	**63	**81	0	**4.59	0.00	**119
**150B	Onarga sandy loam, 2 to 5 percent slopes	17.47	22.2%		FAV	**147	**48	**60	**76	0	**4.10	0.00	**109
272A	Edgington silt loam, 0 to 2 percent slopes	10.63	13.5%		FAV	166	54	65	84	0	0.00	5.27	124
**150C2	Onarga sandy loam, 5 to 10 percent slopes, eroded	6.37	8.1%		FAV	**138	**45	**57	**72	0	**3.85	0.00	**102
**684B	Broadwell silt loam, 2 to 5 percent slopes	5.74	7.3%		FAV	**186	**58	**72	**99	0	**6.70	0.00	**137
**98B	Ade loamy fine sand, 1 to 6 percent slopes	5.57	7.1%		FAV	**134	**47	**57	**69	0	0.00	**4.22	**102
**159C2	Pillot silt loam, 5 to 10 percent slopes, eroded	4.12	5.2%		FAV	**151	**49	**60	**76	0	**4.32	0.00	**112
684A	Broadwell silt loam, 0 to 2 percent slopes	3.40	4.3%		FAV	188	59	73	100	0	6.77	0.00	138
**88B	Sparta loamy sand, 1 to 6 percent slopes	1.57	2.0%		FAV	**118	**41	**50	**57	0	0.00	**3.97	**91
<b>Weighted Average</b>						<b>156.1</b>	<b>50.8</b>	<b>62.4</b>	<b>80.1</b>	<b>*</b>	<b>3.62</b>	<b>1.09</b>	<b>116.1</b>

Area Symbol: IL125, 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

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".

\*c: Using Capabilities Class Dominant Condition Aggregation Method