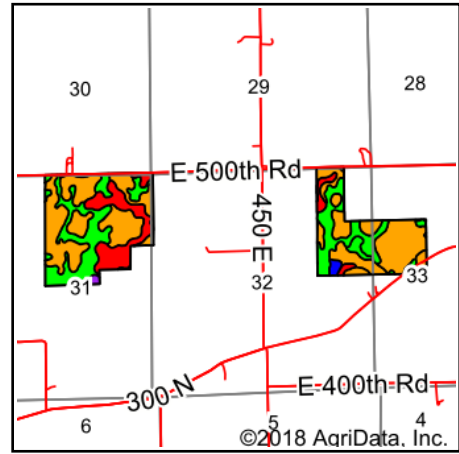
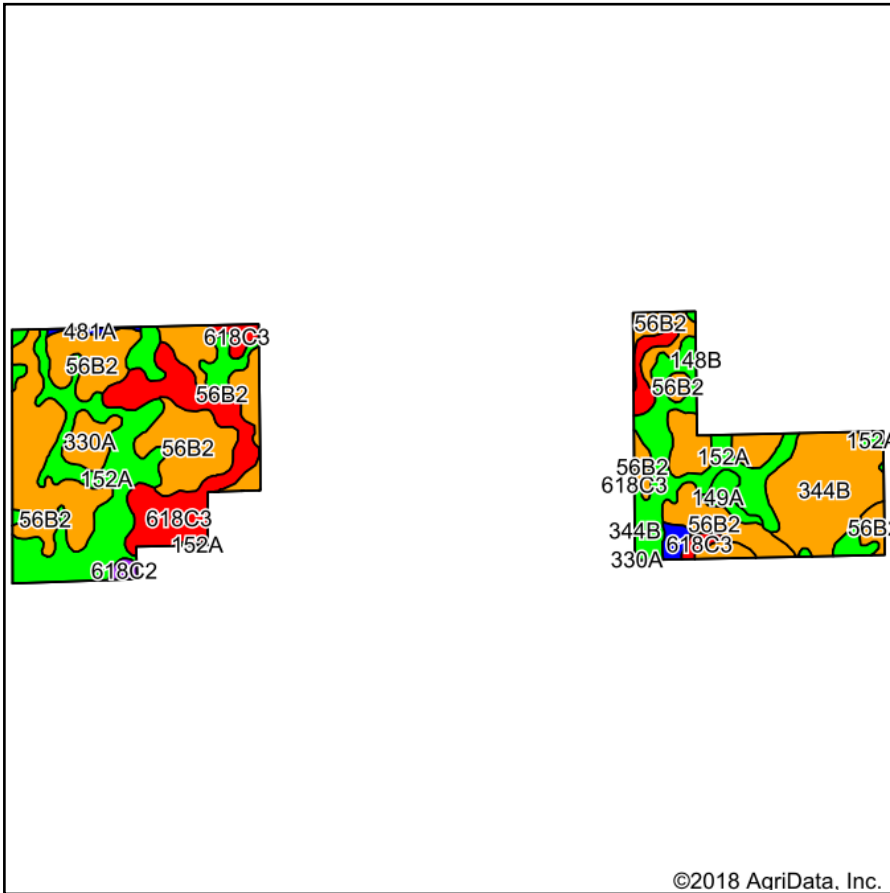


# Mary Adams I Soils Map



State: **Illinois**  
 County: **Edgar**  
 Location: **32-13N-13W**  
 Township: **Kansas**  
 Acres: **245.57**  
 Date: **8/20/2018**



Maps Provided By:



Soils data provided by USDA and NRCS.

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## Area Symbol: IL045, Soil Area Version: 12

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-le <sup>e</sup> gume hay, T/A	Crop productivity index for optimum management
**56B2	Dana silt loam, 2 to 5 percent slopes, eroded	94.27	38.4%		FAV	**171	**53	**66	**94	0	**5.96	0.00	**124
152A	Drummer silty clay loam, 0 to 2 percent slopes	73.75	30.0%		FAV	195	63	73	100	0	0.00	5.64	144
**618C3	Senachwine clay loam, 5 to 10 percent slopes, severely eroded	34.33	14.0%		FAV	**126	**40	**50	**60	0	**3.02	0.00	**92
**344B	Harvard silt loam, 2 to 5 percent slopes	29.82	12.1%		FAV	**169	**53	**65	**87	0	**5.46	0.00	**124
330A	Peotone silty clay loam, 0 to 2 percent slopes	5.76	2.3%		FAV	164	55	61	78	0	0.00	5.02	123
149A	Brenton silt loam, 0 to 2 percent slopes	3.48	1.4%		FAV	195	60	74	105	0	0.00	5.64	141
481A	Raub silt loam, non-densic substratum, 0 to 2 percent slopes	2.92	1.2%		FAV	183	58	73	102	0	0.00	5.64	134
**618C2	Senachwine silt loam, 5 to 10 percent slopes, eroded	1.24	0.5%		FAV	**136	**44	**54	**65	0	**3.26	0.00	**100
<b>Weighted Average</b>						<b>171.8</b>	<b>54.3</b>	<b>65.8</b>	<b>89.9</b>	<b>*</b>	<b>3.39</b>	<b>1.96</b>	<b>125.7</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

<sup>a</sup> UNF = unfavorable; FAV = favorable

<sup>b</sup> Soils in the southern region were not rated for oats and are shown with a zero "0".

<sup>c</sup> Soils in the northern region or in both regions were not rated for grain sorghum and are shown with a zero "0".

<sup>d</sup> Soils in the poorly drained group were not rated for alfalfa and are shown with a zero "0".

<sup>e</sup> 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