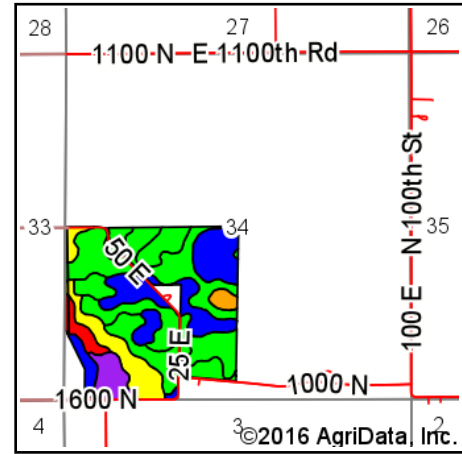
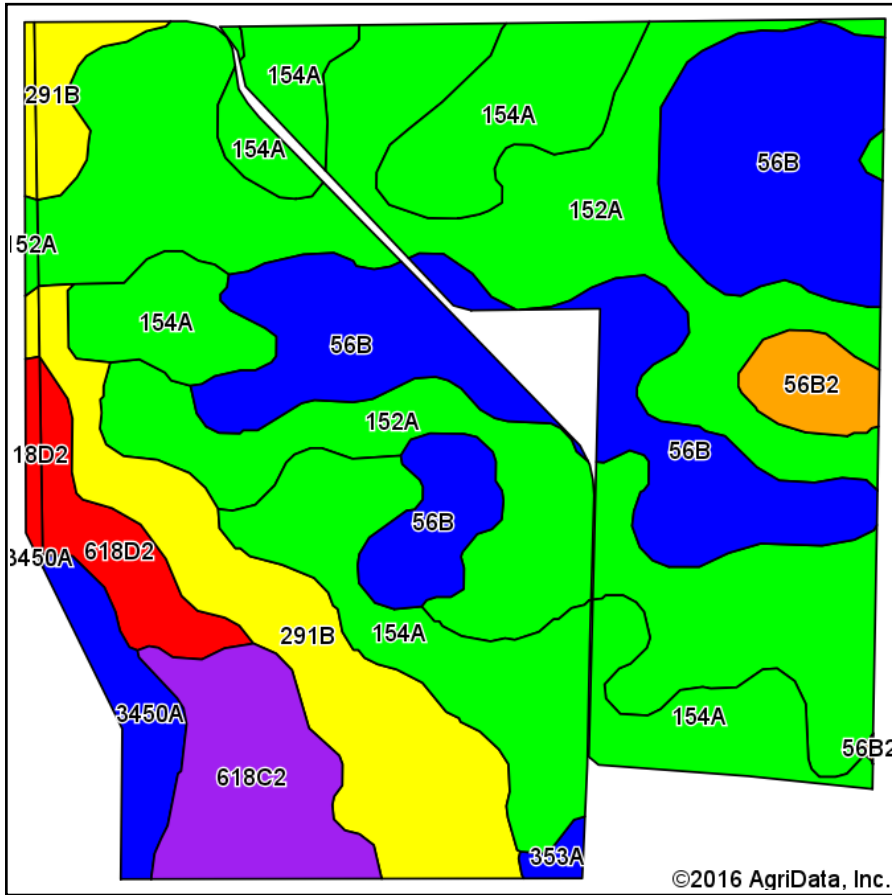


J Rowe Soils Map



State: **Illinois**
 County: **Edgar**
 Location: **34-14N-14W**
 Township: **Embarrass**
 Acres: **145.81**
 Date: **10/27/2016**



Maps Provided By:



Soils data provided by USDA and NRCS.

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Area Symbol: IL029, Soil Area Version: 15

Area Symbol: IL045, Soil Area Version: 10

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
152A	Drummer silty clay loam, 0 to 2 percent slopes	50.00	34.3%		FAV	195	63	73	100	0	0.00	5.64	144
**56B	Dana silt loam, 2 to 5 percent slopes	30.89	21.2%		FAV	**178	**55	**68	**98	0	**6.21	0.00	**130
154A	Flanagan silt loam, 0 to 2 percent slopes	29.02	19.9%		FAV	194	63	77	102	0	0.00	5.90	144
**291B	Xenia silt loam, Bloomington Ridged Plain, 2 to 5 percent slopes	15.55	10.7%		FAV	**160	**50	**63	**82	0	**4.47	0.00	**117
**618C2	Senachwine silt loam, 5 to 10 percent slopes, eroded	8.06	5.5%		FAV	**136	**44	**54	**65	0	**3.26	0.00	**100
**618D2	Senachwine silt loam, 10 to 18 percent slopes, eroded	4.03	2.8%		FAV	**130	**42	**52	**62	0	**3.12	0.00	**95
3450A	Brouillett silt loam, 0 to 2 percent slopes, frequently flooded	3.69	2.5%		FAV	180	58	70	90	0	0.00	5.52	133
**56B2	Dana silt loam, 2 to 5 percent slopes, eroded	2.52	1.7%		FAV	**171	**53	**66	**94	0	**5.96	0.00	**124
**618D2	Senachwine silt loam, 10 to 18 percent slopes, eroded	0.64	0.4%		FAV	**130	**42	**52	**62	0	**3.12	0.00	**95
**291B	Xenia silt loam, Bloomington Ridged Plain, 2 to 5 percent slopes	0.63	0.4%		FAV	**160	**50	**63	**82	0	**4.47	0.00	**117
353A	Toronto silt loam, Bloomington Ridged Plain, 0 to 2 percent slopes	0.52	0.4%		FAV	174	56	69	93	0	0.00	5.27	128

152A	Drummer silty clay loam, 0 to 2 percent slopes	0.26	0.2%		FAV	195	63	73	100	0	0.00	5.64	144
Weighted Average						181.1	57.8	69.7	94.4	*-	2.19	3.28	133.4

Area Symbol: IL029, Soil Area Version: 15
 Area Symbol: IL045, Soil Area Version: 10

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

Soils data provided by USDA and NRCS. Soils data provided by University of Illinois at Champaign-Urbana.