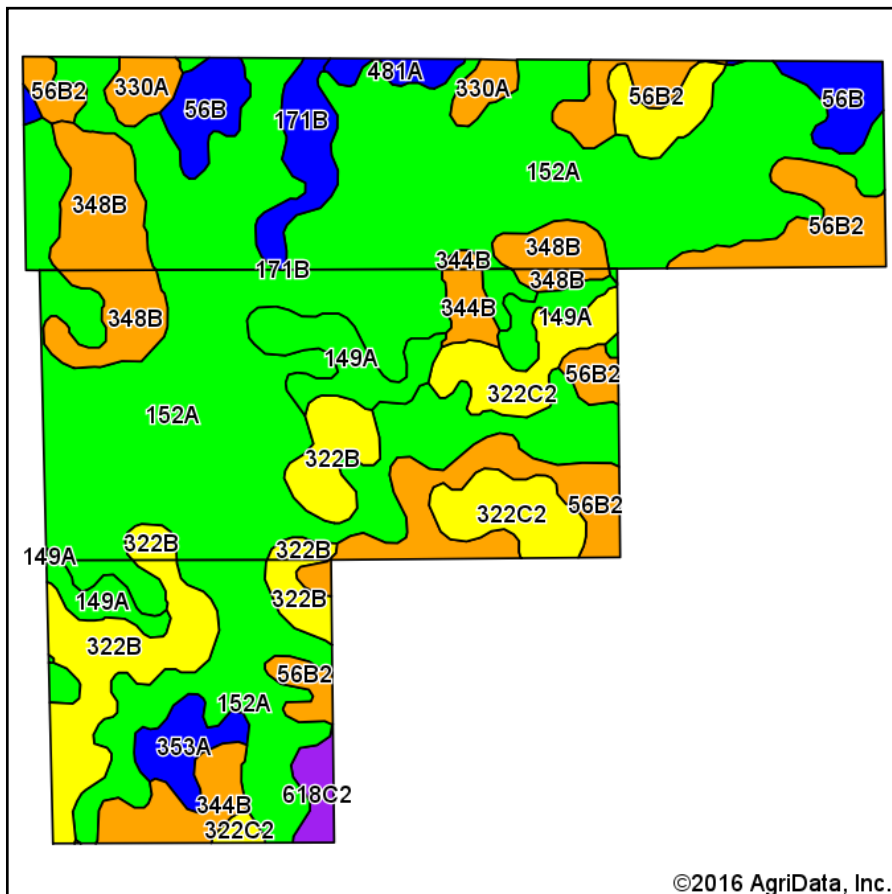
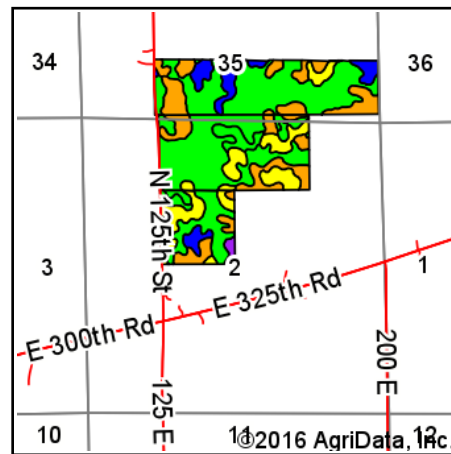


Sinclair Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**
 County: **Edgar**
 Location: **2-12N-14W**
 Township: **Kansas**
 Acres: **211.16**
 Date: **10/25/2016**



Area Symbol: IL045, Soil Area Version: 10

Code	Soil Description	Acres	Percent of field	Il. State Productivity Index Legend	Subsoil rooting	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Oats Bu/A	Sorghum Bu/A	Alfalfa hay, T/A	Grass-legume hay, T/A	Crop productivity index for optimum management
152A	Drummer silty clay loam, 0 to 2 percent slopes	115.88	54.9%		FAV	195	63	73	100	0	0.00	5.64	144
**56B2	Dana silt loam, 2 to 5 percent slopes, eroded	20.02	9.5%		FAV	**171	**53	**66	**94	0	**5.96	0.00	**124
**322B	Russell silt loam, Bloomington Ridged Plain, 2 to 5 percent slopes	15.62	7.4%		FAV	**158	**50	**62	**81	0	**4.47	0.00	**115
**348B	Wingate silt loam, 2 to 5 percent slopes	12.37	5.9%		FAV	**163	**51	**67	**91	0	**5.34	0.00	**120
**322C2	Russell silt loam, Bloomington Ridged Plain, 5 to 10 percent slopes, eroded	10.05	4.8%		FAV	**149	**47	**59	**76	0	**4.20	0.00	**108
149A	Brenton silt loam, 0 to 2 percent slopes	8.73	4.1%		FAV	195	60	74	105	0	0.00	5.64	141
**56B	Dana silt loam, 2 to 5 percent slopes	6.15	2.9%		FAV	**178	**55	**68	**98	0	**6.21	0.00	**130
**344B	Harvard silt loam, 2 to 5 percent slopes	5.94	2.8%		FAV	**169	**53	**65	**87	0	**5.46	0.00	**124
**171B	Catlin silt loam, 2 to 5 percent slopes	3.96	1.9%		FAV	**185	**58	**72	**98	0	**6.70	0.00	**137
330A	Peotone silty clay loam, 0 to 2 percent slopes	3.27	1.5%		FAV	164	55	61	78	0	0.00	5.02	123
353A	Toronto silt loam, Bloomington Ridged Plain, 0 to 2 percent slopes	3.09	1.5%		FAV	174	56	69	93	0	0.00	5.27	128
**622B2	Wyandot silt loam, 2 to 5 percent slopes, eroded	2.87	1.4%		FAV	**153	**50	**62	**75	0	**5.01	0.00	**114
**618C2	Senachwine silt loam, 5 to 10 percent slopes, eroded	1.68	0.8%		FAV	**136	**44	**54	**65	0	**3.26	0.00	**100



481A	Raub silt loam, non-densic substratum, 0 to 2 percent slopes	1.53	0.7%		FAV	183	58	73	102	0	0.00	5.64	134
Weighted Average						182.6	58.3	69.6	95.1	*-	1.96	3.52	134.2

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.