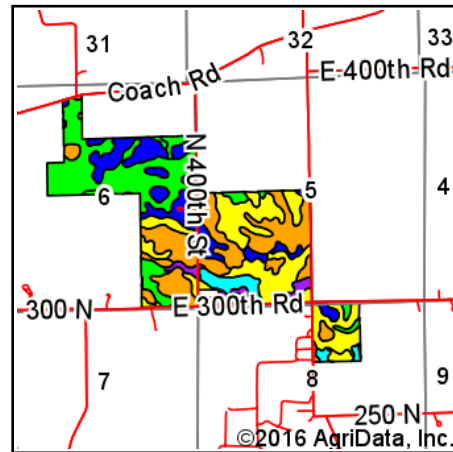
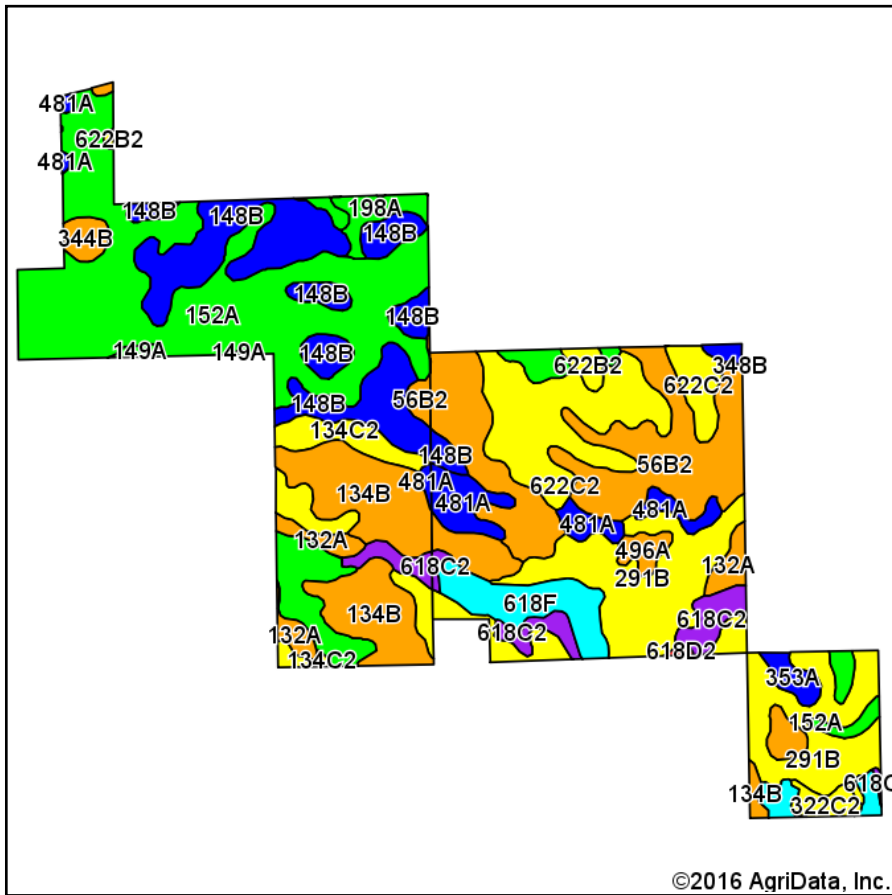
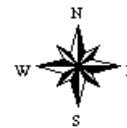


Pinnell Soils Map



State: **Illinois**
 County: **Edgar**
 Location: **5-12N-13W**
 Township: **Kansas**
 Acres: **381.8**
 Date: **10/25/2016**



Soils data provided by USDA and NRCS.

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	93.40	24.5%		FAV	195	63	73	100	0	0.00	5.64	144
**291B	Xenia silt loam, Bloomington Ridged Plain, 2 to 5 percent slopes	55.53	14.5%		FAV	**160	**50	**63	**82	0	**4.47	0.00	**117
**56B2	Dana silt loam, 2 to 5 percent slopes, eroded	46.17	12.1%		FAV	**171	**53	**66	**94	0	**5.96	0.00	**124
**148B	Proctor silt loam, 2 to 5 percent slopes	43.98	11.5%		FAV	**183	**57	**69	**98	0	**6.34	0.00	**134
**134B	Camden silt loam, 2 to 5 percent slopes	35.67	9.3%		FAV	**164	**50	**63	**86	0	**4.72	0.00	**118
**622C2	Wyanet silt loam, 5 to 10 percent slopes, eroded	31.57	8.3%		FAV	**150	**49	**60	**73	0	**4.90	0.00	**112
**618F	Senachwine loam, 18 to 35 percent slopes	14.86	3.9%		FAV	**104	**33	**41	**50	0	**2.49	0.00	**76
481A	Raub silt loam, non-densic substratum, 0 to 2 percent slopes	11.78	3.1%		FAV	183	58	73	102	0	0.00	5.64	134
**618C2	Senachwine silt loam, 5 to 10 percent slopes, eroded	10.63	2.8%		FAV	**136	**44	**54	**65	0	**3.26	0.00	**100
**134C2	Camden silt loam, 5 to 10 percent slopes, eroded	10.15	2.7%		FAV	**154	**47	**60	**81	0	**4.44	0.00	**111
132A	Starks silt loam, 0 to 2 percent slopes	6.79	1.8%		FAV	163	51	63	84	0	5.14	0.00	119
496A	Fincastle silt loam, Bloomington Ridged Plain, 0 to 2 percent slopes	5.01	1.3%		FAV	166	52	65	85	0	0.00	5.02	121
198A	Elburn silt loam, 0 to 2 percent slopes	4.16	1.1%		FAV	197	61	74	94	0	0.00	5.77	143

**322C2	Russell silt loam, Bloomington Ridged Plain, 5 to 10 percent slopes, eroded	2.82	0.7%		FAV	**14 9	**47	**59	**76	0	**4.2 0	0.00	**108
**344B	Harvard silt loam, 2 to 5 percent slopes	2.79	0.7%		FAV	**16 9	**53	**65	**87	0	**5.4 6	0.00	**124
353A	Toronto silt loam, Bloomington Ridged Plain, 0 to 2 percent slopes	2.73	0.7%		FAV	174	56	69	93	0	0.00	5.27	128
**622B2	Wyanet silt loam, 2 to 5 percent slopes, eroded	2.15	0.6%		FAV	**15 3	**50	**62	**75	0	**5.0 1	0.00	**114
149A	Brenton silt loam, 0 to 2 percent slopes	0.95	0.2%		FAV	195	60	74	105	0	0.00	5.64	141
**348B	Wingate silt loam, 2 to 5 percent slopes	0.37	0.1%		FAV	**16 3	**51	**67	**91	0	**5.3 4	0.00	**120
**618D2	Senachwine silt loam, 10 to 18 percent slopes, eroded	0.29	0.1%		FAV	**13 0	**42	**52	**62	0	**3.1 2	0.00	**95
Weighted Average						170. 4	53.8	65.6	88.5	*	3.45	1.73	124.8

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.