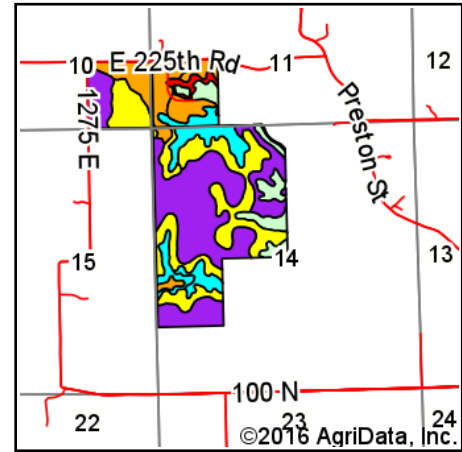
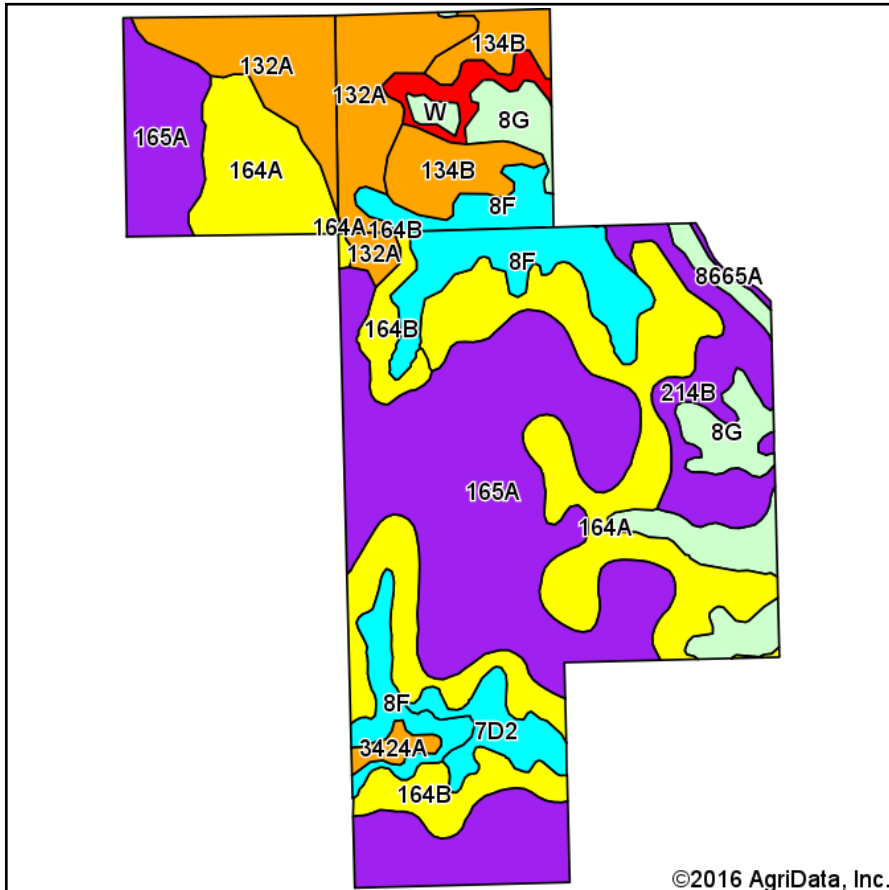


Hart Soils Map



State: **Illinois**
 County: **Edgar**
 Location: **14-12N-12W**
 Township: **Symmes**
 Acres: **274.42**
 Date: **10/21/2016**



Soils data provided by USDA and NRCS.

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Area Symbol: IL045, Soil Area Version: 10

Code	Soil Description	Acres	Percent of field	Il. State Productivity Index Legend	Subsoil rooting	Com Bu/A	Soybeans Bu/A	Whea t Bu/A	Oats Bu/A	Sorghum Bu/A	Alfalfa hay, T/A	Grass-le gume e hay, T/A	Crop productivity index for optimum management
165A	Weir silt loam, 0 to 2 percent slopes	88.52	32.3%		FAV	141	46	56	0	112	0.00	4.52	106
164A	Stoy silt loam, 0 to 2 percent slopes	50.06	18.2%		FAV	145	47	58	0	113	0.00	4.64	109
132A	Starks silt loam, 0 to 2 percent slopes	27.18	9.9%		FAV	163	51	63	84	0	5.14	0.00	119
**8F	Hickory silt loam, 18 to 35 percent slopes	24.86	9.1%		FAV	**86	**29	**35	**40	0	**2.85	0.00	**65
**164B	Stoy silt loam, 2 to 5 percent slopes	23.58	8.6%		FAV	**144	**47	**57	0	**112	0.00	**4.59	**108
**8G	Hickory silt loam, 35 to 60 percent slopes	20.07	7.3%		FAV	**58	**20	**24	**27	0	**1.93	0.00	**44
**214B	Hosmer silt loam, 2 to 5 percent slopes	14.14	5.2%		UNF	**139	**46	**57	0	**109	**3.60	0.00	**104
**134B	Camden silt loam, 2 to 5 percent slopes	11.99	4.4%		FAV	**164	**50	**63	**86	0	**4.72	0.00	**118
**7D2	Atlas silt loam, 10 to 18 percent slopes, eroded	6.27	2.3%		UNF	**98	**34	**39	**45	0	0.00	**2.95	**76
**5C2	Blair silt loam, 5 to 10 percent slopes, eroded	4.17	1.5%		UNF	**124	**41	**50	0	**99	0.00	**3.95	**94
3424A	Shoals silt loam, 0 to 2 percent slopes, frequently flooded	1.77	0.6%		FAV	174	55	69	88	0	0.00	5.27	127
W	Water	1.12	0.4%										
8665A	Stonlick fine sandy loam, 0 to 2 percent slopes, occasionally flooded	0.69	0.3%		FAV	143	44	54	64	0	3.64	0.00	103
Weighted Average						132.4	43	52.6	19.4	73.5	1.31	2.86	99

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.