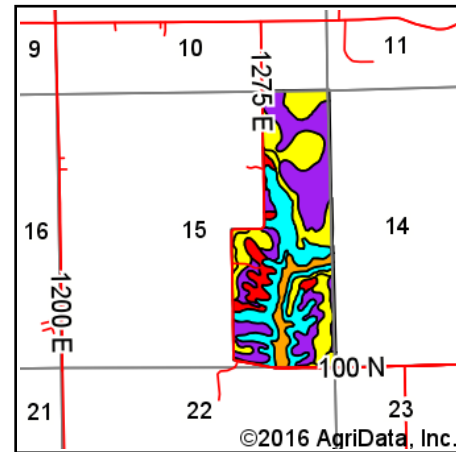
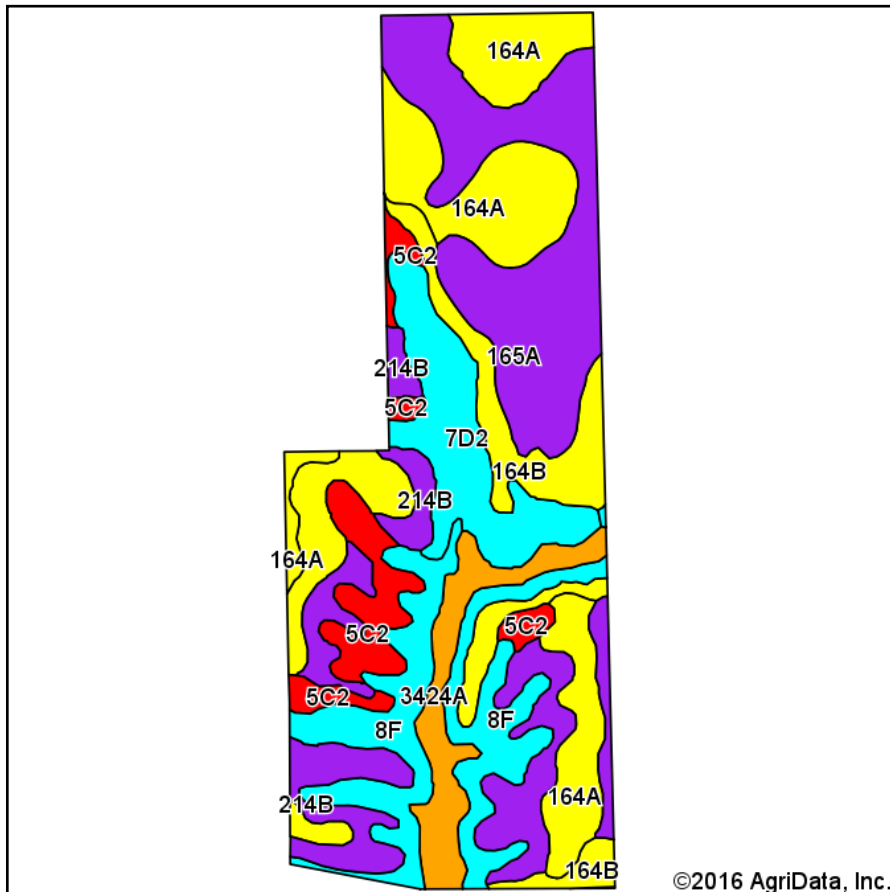


Hart South Soils Map



State: **Illinois**
 County: **Edgar**
 Location: **14-12N-12W**
 Township: **Symmes**
 Acres: **195.94**
 Date: **10/21/2016**



Soils data provided by USDA and NRCS.

©2016 AgriData, Inc.

© AgriData, Inc. 2016

www.AgrIDataInc.com

Area Symbol: IL023, Soil Area Version: 10
 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	Sorghum Bu/A	Alfalfa ^d hay, T/A	Grass-legume ^e hay, T/A	Crop productivity index for optimum management
165A	Weir silt loam, 0 to 2 percent slopes	38.87	19.8%		FAV	141	46	56	0	112	0.00	4.52	106
164A	Stoy silt loam, 0 to 2 percent slopes	34.41	17.6%		FAV	145	47	58	0	113	0.00	4.64	109
**8F	Hickory silt loam, 18 to 35 percent slopes	27.56	14.1%		FAV	**86	**29	**35	**40	0	**2.85	0.00	**65
**164B	Stoy silt loam, 2 to 5 percent slopes	26.58	13.6%		FAV	**144	**47	**57	0	**112	0.00	**4.59	**108
**214B	Hosmer silt loam, 2 to 5 percent slopes	25.13	12.8%		UNF	**139	**46	**57	0	**109	**3.60	0.00	**104
**7D2	Atlas silt loam, 10 to 18 percent slopes, eroded	18.62	9.5%		UNF	**98	**34	**39	**45	0	0.00	**2.95	**76
**5C2	Blair silt loam, 5 to 10 percent slopes, eroded	13.13	6.7%		UNF	**124	**41	**50	0	**99	0.00	**3.95	**94
3424A	Shoals silt loam, 0 to 2 percent slopes, frequently flooded	11.64	5.9%		FAV	174	55	69	88	0	0.00	5.27	127
Weighted Average						130.9	43	52.4	15.1	77.9	0.86	3.19	98.4

Area Symbol: IL023, Soil Area Version: 10
 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