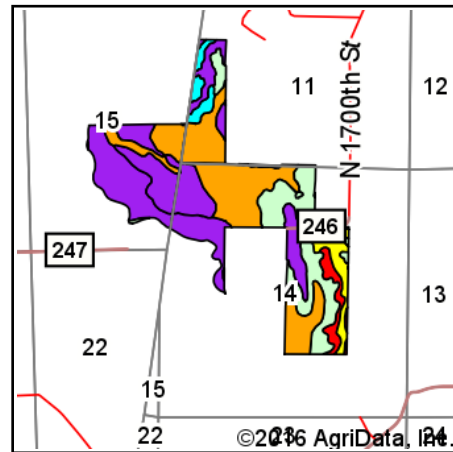
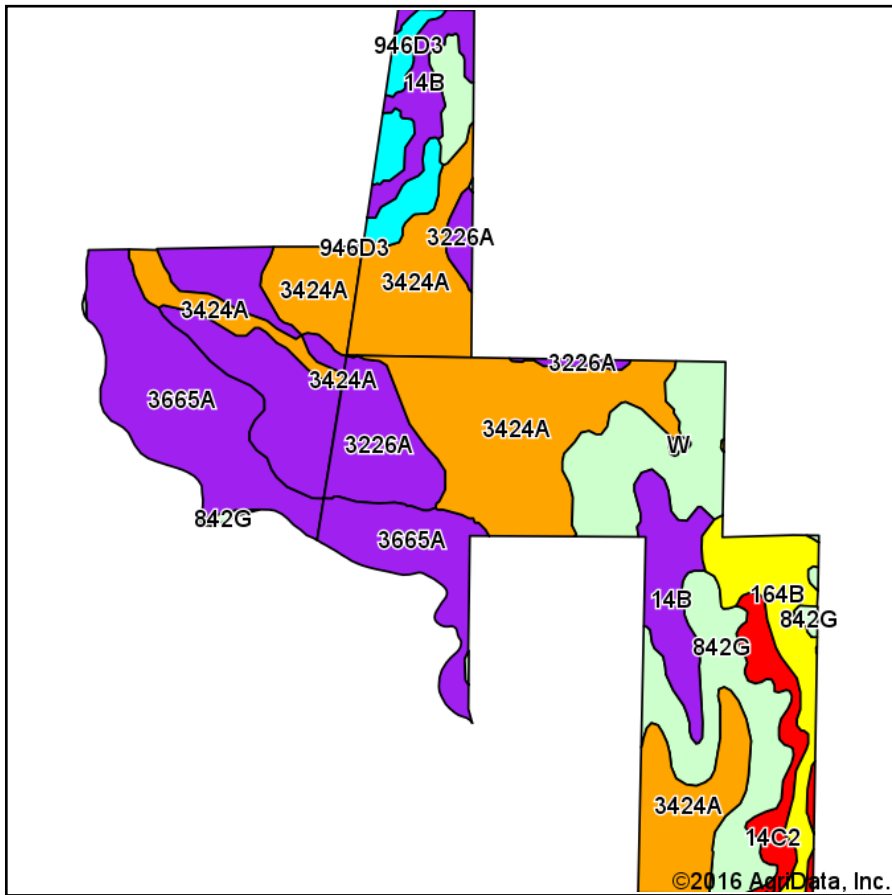
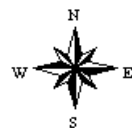


# H. Burnam Soils Map



State: **Illinois**  
 County: **Clark**  
 Location: **14-10N-12W**  
 Township: **Anderson**  
 Acres: **303.74**  
 Date: **10/21/2016**



Soils data provided by USDA and NRCS.

Area Symbol: IL023, 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-legume e hay, T/A	Crop productivity index for optimum management
3424A	Shoals silt loam, 0 to 2 percent slopes, frequently flooded	94.46	31.1%		FAV	174	55	69	88	0	0.00	5.27	127
3665A	Stonelick loam, 0 to 2 percent slopes, frequently flooded	58.78	19.4%		FAV	143	44	54	64	0	3.64	0.00	103
842G	Hickory-Rock outcrop complex, 35 to 60 percent slopes	54.43	17.9%										
3226A	Wirt loam, 0 to 2 percent slopes, frequently flooded	36.91	12.2%		FAV	146	47	55	0	112	3.51	0.00	106
**14B	Ava silt loam, 2 to 5 percent slopes	22.09	7.3%		UNF	**134	**44	**54	0	**106	**3.23	0.00	**99
**164B	Stoy silt loam, 2 to 5 percent slopes	17.23	5.7%		FAV	**144	**47	**57	0	**112	0.00	**4.59	**108
**14C2	Ava silt loam, 5 to 10 percent slopes, eroded	10.16	3.3%		UNF	**122	**40	**50	0	**96	**2.93	0.00	**90
**946D3	Hickory-Atlas clay loams, 10 to 18 percent slopes, severely eroded	9.33	3.1%		UNF	**82	**28	**33	**38	0	0.00	**2.63	**63
W	Water	0.35	0.1%										
<b>Weighted Average</b>						<b>124</b>	<b>39.4</b>	<b>48.4</b>	<b>40.9</b>	<b>30.9</b>	<b>1.46</b>	<b>1.98</b>	<b>90.6</b>

Area Symbol: IL023, 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