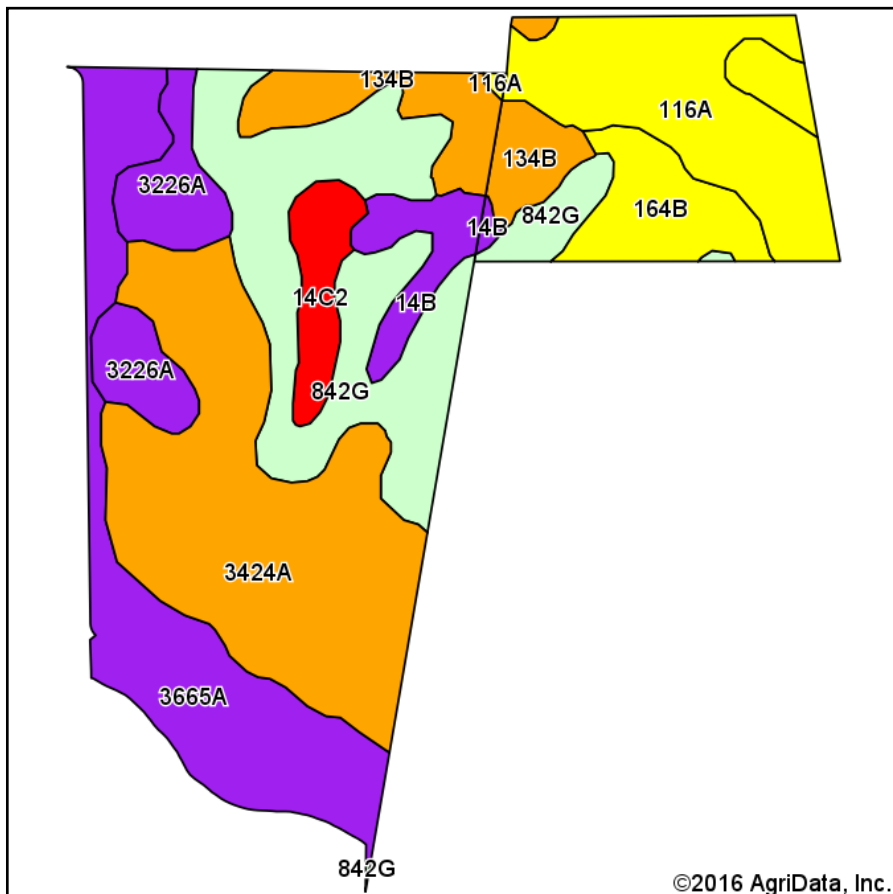
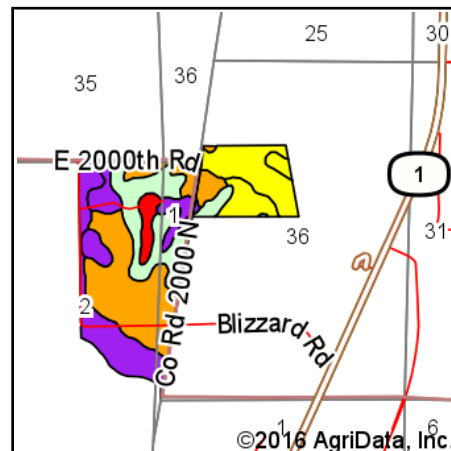


Mulholland Soils Map

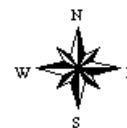


Soils data provided by USDA and NRCS.

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State: **Illinois**
 County: **Clark**
 Location: **36-12N-12W**
 Township: **Douglas**
 Acres: **158.75**
 Date: **10/25/2016**



Area Symbol: IL023, 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
3424A	Shoals silt loam, 0 to 2 percent slopes, frequently flooded	40.55	25.5%		FAV	174	55	69	88	0	0.00	5.27	127
842G	Hickory-Rock outcrop complex, 35 to 60 percent slopes	31.16	19.6%										
3665A	Stonelick loam, 0 to 2 percent slopes, frequently flooded	25.71	16.2%		FAV	143	44	54	64	0	3.64	0.00	103
116A	Whitson silt loam, 0 to 2 percent slopes	19.62	12.4%		FAV	158	50	60	75	0	0.00	4.77	116
**134B	Camden silt loam, 2 to 5 percent slopes	11.27	7.1%		FAV	**164	**50	**63	**86	0	**4.72	0.00	**118
**164B	Stoy silt loam, 2 to 5 percent slopes	10.47	6.6%		FAV	**144	**47	**57	0	**112	0.00	**4.59	**108
3226A	Wirt loam, 0 to 2 percent slopes, frequently flooded	9.53	6.0%		FAV	146	47	55	0	112	3.51	0.00	106
**14B	Ava silt loam, 2 to 5 percent slopes	5.28	3.3%		UNF	**134	**44	**54	0	**106	**3.23	0.00	**99
**14C2	Ava silt loam, 5 to 10 percent slopes, eroded	5.16	3.3%		UNF	**122	**40	**50	0	**96	**2.93	0.00	**90
Weighted Average						125.5	39.6	48.7	48.2	20.8	1.34	2.24	91.5

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