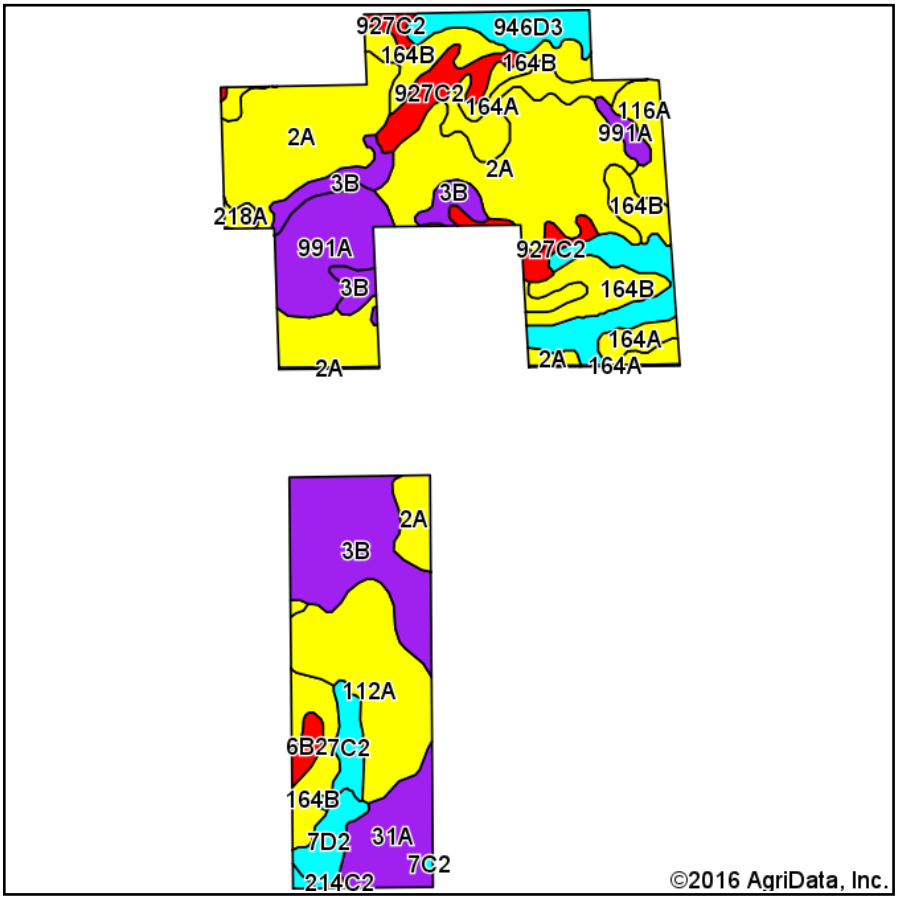
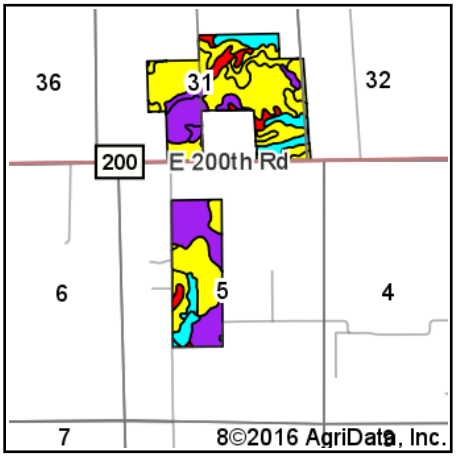
Millis Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**
County: **Crawford**
Location: **5-8N-12W**
Township: **Prairie**
Acres: **350**
Date: **10/25/2016**

FARMLAND PARTNERS

Maps Provided By:
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N W E S

Area Symbol: IL023, Soil Area Version: 10
Area Symbol: IL033, Soil Area Version: 13

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
2A	Cisne silt loam, 0 to 2 percent slopes	97.11	27.7%		FAV	149	46	59	0	113	0.00	4.64	109
112A	Cowden silt loam, 0 to 2 percent slopes	34.08	9.7%		FAV	159	49	63	0	119	0.00	4.89	117
**164B	Stoy silt loam, 2 to 5 percent slopes	32.56	9.3%		FAV	**144	**47	**57	0	**112	0.00	**4.59	**108
**3B	Hoyleton silt loam, 2 to 5 percent slopes	32.45	9.3%		FAV	**145	**46	**57	0	**113	0.00	**4.59	**107
991A	Cisne-Huey silt loams, 0 to 2 percent slopes	23.24	6.6%		UNF	133	45	52	0	106	0.00	4.19	102
31A	Pierron silt loam, 0 to 2 percent slopes	17.01	4.9%		FAV	136	43	55	0	109	0.00	4.52	102
**927C2	Blair-Atlas silt loams, 5 to 10 percent slopes, eroded	16.13	4.6%		UNF	**117	**40	**47	0	**102	0.00	**3.64	**89
**946D2	Hickory-Atlas silt loams, 10 to 18 percent slopes, eroded	15.46	4.4%		UNF	**100	**34	**40	**46	0	0.00	**3.20	**76
164A	Stoy silt loam, 0 to 2 percent slopes	14.68	4.2%		FAV	145	47	58	0	113	0.00	4.64	109
**3B	Hoyleton silt loam, 2 to 5 percent slopes	12.90	3.7%		FAV	**145	**46	**57	0	**113	0.00	**4.59	**107
**164B	Stoy silt loam, 2 to 5 percent slopes	10.96	3.1%		FAV	**144	**47	**57	0	**112	0.00	**4.59	**108
**946D3	Hickory-Atlas clay loams, 10 to 18 percent slopes, severely eroded	10.74	3.1%		UNF	**82	**28	**33	**38	0	0.00	**2.63	**63
116A	Whitson silt loam, 0 to 2 percent slopes	7.46	2.1%		FAV	158	50	60	75	0	0.00	4.77	116

**7D2	Atlas silt loam, 10 to 18 percent slopes, eroded	6.95	2.0%		UNF	**98	**34	**39	**45	0	0.00	**2.95	**76
2A	Cisne silt loam, 0 to 2 percent slopes	6.78	1.9%		FAV	149	46	59	0	113	0.00	4.64	109
**7C2	Atlas silt loam, 5 to 10 percent slopes, eroded	6.32	1.8%		UNF	**105	**37	**41	**49	0	0.00	**3.16	**81
**6B2	Fishhook silt loam, 2 to 5 percent slopes, eroded	2.73	0.8%		UNF	**123	**39	**47	**59	0	0.00	**3.62	**90
218A	Newberry silt loam, 0 to 2 percent slopes	1.46	0.4%		FAV	155	48	60	0	119	0.00	4.77	114
**8F	Hickory silt loam, 18 to 35 percent slopes	0.56	0.2%		FAV	**86	**29	**35	**40	0	**2.85	0.00	**65
**214C2	Hosmer silt loam, 5 to 10 percent slopes, eroded	0.34	0.1%		UNF	**126	**41	**52	0	**99	**3.28	0.00	**95
**946D2	Hickory-Atlas complex, 10 to 18 percent slopes, eroded	0.08	0.0%		UNF	**100	**34	**40	**46	0	0.00	**3.20	**76
					Weighted Average	**139.3**	**44.5**	**55.2**	**7.1**	**96.1**	**0.01**	**4.37**	**103.6**

Area Symbol: IL023, Soil Area Version: 10
Area Symbol: IL033, Soil Area Version: 13

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