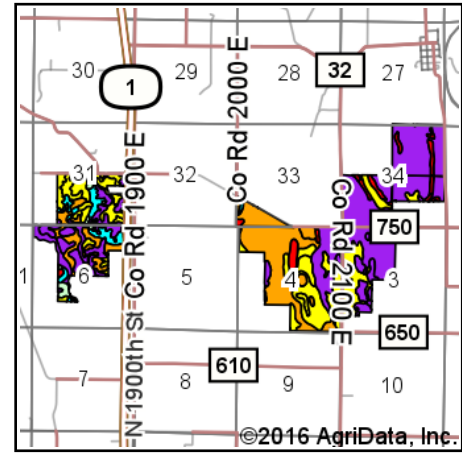
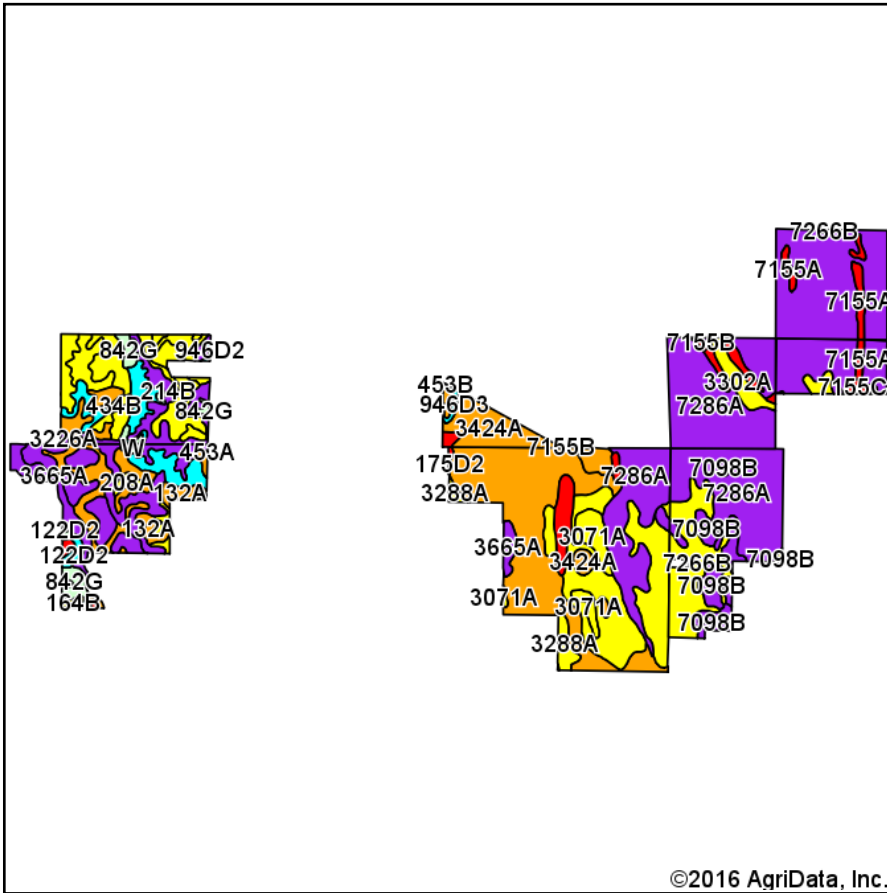


Wells Soils Map



State: **Illinois**
 County: **Clark**
 Location: **33-10N-11W**
 Township: **York**
 Acres: **1590.23**
 Date: **10/26/2016**



Maps Provided By:



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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
7286A	Carmi sandy loam, 0 to 2 percent slopes, rarely flooded	535.63	33.7%		FAV	146	45	60	77	0	4.26	0.00	106
3424A	Shoals silt loam, 0 to 2 percent slopes, frequently flooded	278.95	17.5%		FAV	174	55	69	88	0	0.00	5.27	127
7266B	Disco sandy loam, 2 to 5 percent slopes, rarely flooded	127.13	8.0%		FAV	145	49	58	70	0	3.76	0.00	108
3288A	Petrolia silty clay loam, 0 to 2 percent slopes, frequently flooded	84.79	5.3%		FAV	162	49	61	79	0	0.00	4.89	117
**214B	Hosmer silt loam, 2 to 5 percent slopes	47.10	3.0%		UNF	**139	**46	**57	0	**109	**3.60	0.00	**104
7098B	Ade loamy sand, 2 to 5 percent slopes, rarely flooded	45.43	2.9%		FAV	135	47	58	70	0	0.00	4.26	103
208A	Sexton silt loam, 0 to 2 percent slopes	44.44	2.8%		FAV	157	50	63	79	0	0.00	4.89	116
3226A	Wirt loam, 0 to 2 percent slopes, frequently flooded	43.49	2.7%		FAV	146	47	55	0	112	3.51	0.00	106
7155A	Stockland gravelly sandy loam, 0 to 2 percent slopes, rarely flooded	43.02	2.7%		UNF	120	42	50	56	0	0.00	4.14	92
**946D2	Hickory-Atlas silt loams, 10 to 18 percent slopes, eroded	40.02	2.5%		UNF	**100	**34	**40	**46	0	0.00	**3.20	**76
132A	Starks silt loam, 0 to 2 percent slopes	36.60	2.3%		FAV	163	51	63	84	0	5.14	0.00	119
**434D2	Ridgway silt loam, 10 to 18 percent slopes, eroded	31.68	2.0%		FAV	**146	**45	**54	0	**106	**4.02	0.00	**104
3071A	Darwin silty clay, 0 to 2 percent slopes, frequently flooded	31.53	2.0%		FAV	149	50	60	71	0	0.00	4.39	111

3665A	Stonelick loam, 0 to 2 percent slopes, frequently flooded	30.88	1.9%		FAV	143	44	54	64	0	3.64	0.00	103
164A	Stoy silt loam, 0 to 2 percent slopes	28.91	1.8%		FAV	145	47	58	0	113	0.00	4.64	109
**434B	Ridgway silt loam, 2 to 5 percent slopes	27.38	1.7%		FAV	**16 2	**50	**60	0	**118	**4.4 7	0.00	**116
842G	Hickory-Rock outcrop complex, 35 to 60 percent slopes	19.09	1.2%										
3302A	Ambraw clay loam, 0 to 2 percent slopes, frequently flooded	17.59	1.1%		FAV	154	50	61	75	0	0.00	5.02	114
116A	Whitson silt loam, 0 to 2 percent slopes	15.83	1.0%		FAV	158	50	60	75	0	0.00	4.77	116
**122D2	Colp silt loam, 10 to 18 percent slopes, eroded	15.82	1.0%		UNF	**11 3	**35	**47	**60	0	0.00	**3.58	**82
7155C	Stockland gravelly sandy loam, 5 to 10 percent slopes, rarely flooded	12.86	0.8%		UNF	120	42	50	56	0	0.00	4.14	92
3431A	Genesee silt loam, 0 to 2 percent slopes, frequently flooded	10.21	0.6%		FAV	171	54	65	80	0	5.39	0.00	125
**79B	Menfro silt loam, 2 to 5 percent slopes	5.54	0.3%		FAV	**16 3	**50	**62	0	**121	**4.8 4	0.00	**119
**164B	Stoy silt loam, 2 to 5 percent slopes	4.39	0.3%		FAV	**14 4	**47	**57	0	**112	0.00	**4.59	**108
W	Water	3.14	0.2%										
**946D3	Hickory-Atlas clay loams, 10 to 18 percent slopes, severely eroded	2.84	0.2%		UNF	**82	**28	**33	**38	0	0.00	**2.63	**63
**122B	Colp silt loam, 2 to 5 percent slopes	2.79	0.2%		UNF	**13 3	**42	**55	**70	0	0.00	**4.22	**97
7155B	Stockland gravelly sandy loam, 2 to 5 percent slopes, rarely flooded	2.73	0.2%		UNF	120	42	50	56	0	0.00	4.14	92
**175D2	Lamont fine sandy loam, 10 to 18 percent slopes, eroded	0.35	0.0%		FAV	**11 7	**39	**48	**61	0	**2.9 0	0.00	**87
**453B	Muren silt loam, 2 to 5 percent slopes	0.07	0.0%		FAV	**16 1	**50	**60	0	**119	**5.0 9	0.00	**118
Weighted Average						147. 9	46.9	59.2	66.1	13.2	2.34	2.01	108.4

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

Soils data provided by USDA and NRCS. Soils data provided by University of Illinois at Champaign-Urbana.