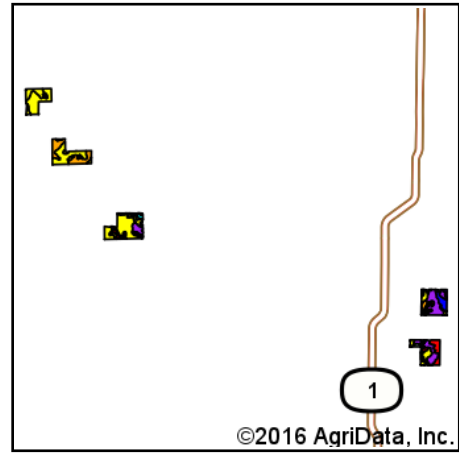
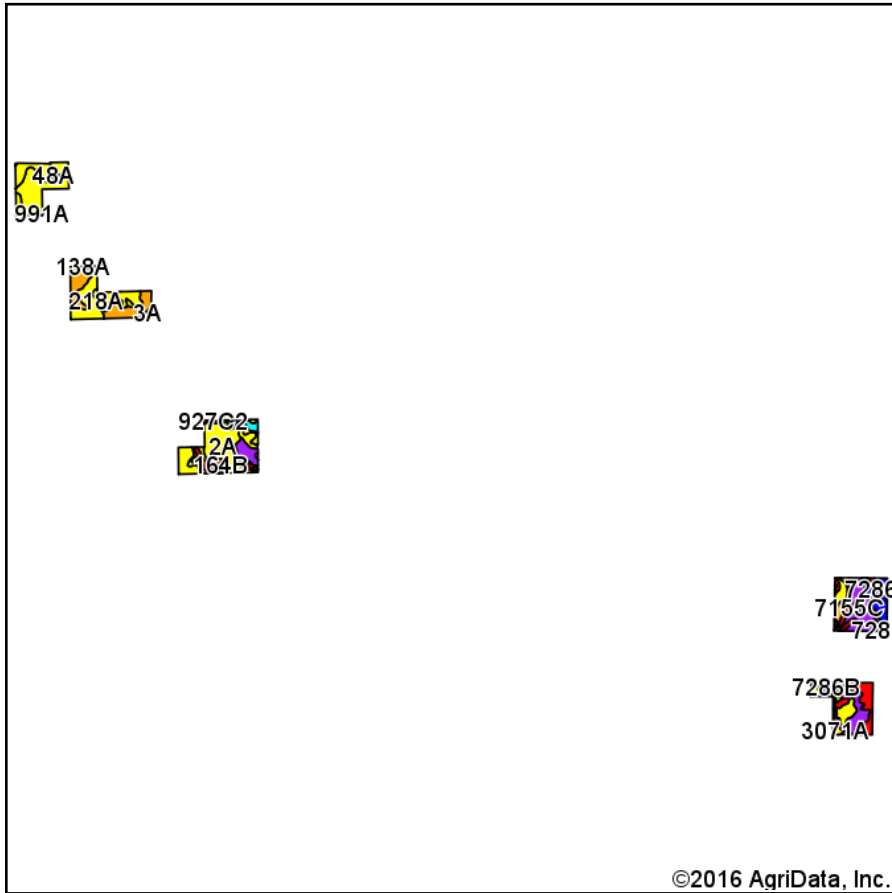


Halloran Soils Map



State: **Illinois**
 County: **Clark**
 Location: **27-9N-12W**
 Township: **Melrose**
 Acres: **795.56**
 Date: **10/21/2016**



Soils data provided by USDA and NRCS.

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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 depth	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
2A	Cisne silt loam, 0 to 2 percent slopes	193.57	24.3%		FAV	149	46	59	0	113	0.00	4.64	109
218A	Newberry silt loam, 0 to 2 percent slopes	114.53	14.4%		FAV	155	48	60	0	119	0.00	4.77	114
7286A	Carmi sandy loam, 0 to 2 percent slopes, rarely flooded	79.92	10.0%		FAV	146	45	60	77	0	4.26	0.00	106
7155A	Stockland gravelly sandy loam, 0 to 2 percent slopes, rarely flooded	39.74	5.0%		UNF	120	42	50	56	0	0.00	4.14	92
7286A	Carmi sandy loam, 0 to 2 percent slopes, rarely flooded	38.70	4.9%		FAV	146	45	60	77	0	4.26	0.00	106
287A	Chauncey silt loam, 0 to 2 percent slopes	38.38	4.8%		FAV	161	51	63	0	117	4.77	0.00	119
48A	Ebbert silt loam, 0 to 2 percent slopes	37.40	4.7%		FAV	173	55	66	0	124	0.00	5.14	125
3450A	Brouillett silt loam, 0 to 2 percent slopes, frequently flooded	32.89	4.1%		FAV	180	58	70	90	0	0.00	5.52	133
**164B	Stoy silt loam, 2 to 5 percent slopes	28.97	3.6%		FAV	**144	**47	**57	0	**112	0.00	**4.59	**108
131A	Alvin fine sandy loam, 0 to 2 percent slopes	25.63	3.2%		FAV	150	49	59	74	0	3.76	0.00	111
991A	Cisne-Huey silt loams, 0 to 2 percent slopes	20.74	2.6%		UNF	133	45	52	0	106	0.00	4.19	102

**927C2	Blair-Atlas silt loams, 5 to 10 percent slopes, eroded	18.85	2.4%		UNF	**117	**40	**47	0	**102	0.00	**3.64	**89
7155C	Stockland gravelly sandy loam, 5 to 10 percent slopes, rarely flooded	13.56	1.7%		UNF	120	42	50	56	0	0.00	4.14	92
3302A	Ambraw clay loam, 0 to 2 percent slopes, frequently flooded	13.27	1.7%		FAV	154	50	61	75	0	0.00	5.02	114
116A	Whitson silt loam, 0 to 2 percent slopes	13.25	1.7%		FAV	158	50	60	75	0	0.00	4.77	116
3A	Hoyleton silt loam, 0 to 2 percent slopes	10.63	1.3%		FAV	146	46	58	0	114	0.00	4.64	108
3424A	Shoals silt loam, 0 to 2 percent slopes, frequently flooded	10.17	1.3%		FAV	174	55	69	88	0	0.00	5.27	127
7286B	Carmi sandy loam, 2 to 5 percent slopes, rarely flooded	10.13	1.3%		FAV	146	45	60	77	0	4.26	0.00	106
**946D2	Hickory-Atlas silt loams, 10 to 18 percent slopes, eroded	10.11	1.3%		UNF	**100	**34	**40	**46	0	0.00	**3.20	**76
3071A	Darwin silty clay, 0 to 2 percent slopes, frequently flooded	6.11	0.8%		FAV	149	50	60	71	0	0.00	4.39	111
164A	Stoy silt loam, 0 to 2 percent slopes	6.02	0.8%		FAV	145	47	58	0	113	0.00	4.64	109
7803C	Orthents, rarely flooded	5.94	0.7%		CROP YIELD DATA NOT AVAILABLE						.00	.00	
3071A	Darwin silty clay, 0 to 2 percent slopes, frequently flooded	5.05	0.6%		FAV	149	50	60	71	0	0.00	4.39	111
**131D2	Alvin fine sandy loam, 10 to 18 percent slopes, eroded	4.84	0.6%		FAV	**134	**44	**53	**66	0	**3.35	0.00	**99
7155A	Stockland gravelly sandy loam, 0 to 2 percent slopes, rarely flooded	3.95	0.5%		UNF	120	42	50	56	0	0.00	4.14	92
**131B	Alvin fine sandy loam, 2 to 5 percent slopes	3.69	0.5%		FAV	**149	**49	**58	**73	0	**3.72	0.00	**110
7155C	Stockland gravelly sandy loam, 5 to 10 percent slopes, rarely flooded	3.32	0.4%		UNF	120	42	50	56	0	0.00	4.14	92
7571A	Whitaker loam, 0 to 2 percent slopes, rarely flooded	3.04	0.4%		FAV	163	52	61	0	123	0.00	5.02	120
138A	Shiloh silty clay loam, 0 to 2 percent slopes	1.81	0.2%		FAV	175	57	69	88	0	0.00	5.39	130
184A	Roby fine sandy loam, 0 to 2 percent slopes	0.95	0.1%		FAV	145	50	58	70	0	0.00	4.64	111
3331A	Haymond silt loam, 0 to 2 percent slopes, frequently flooded	0.31	0.0%		FAV	181	56	70	92	0	5.77	0.00	132
**131F	Alvin fine sandy loam, 18 to 35 percent slopes	0.09	0.0%		FAV	**107	**35	**42	**53	0	**2.67	0.00	**79
Weighted Average						147.6	46.8	58.5	29.1	68.2	1.07	3.42	108.8

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

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