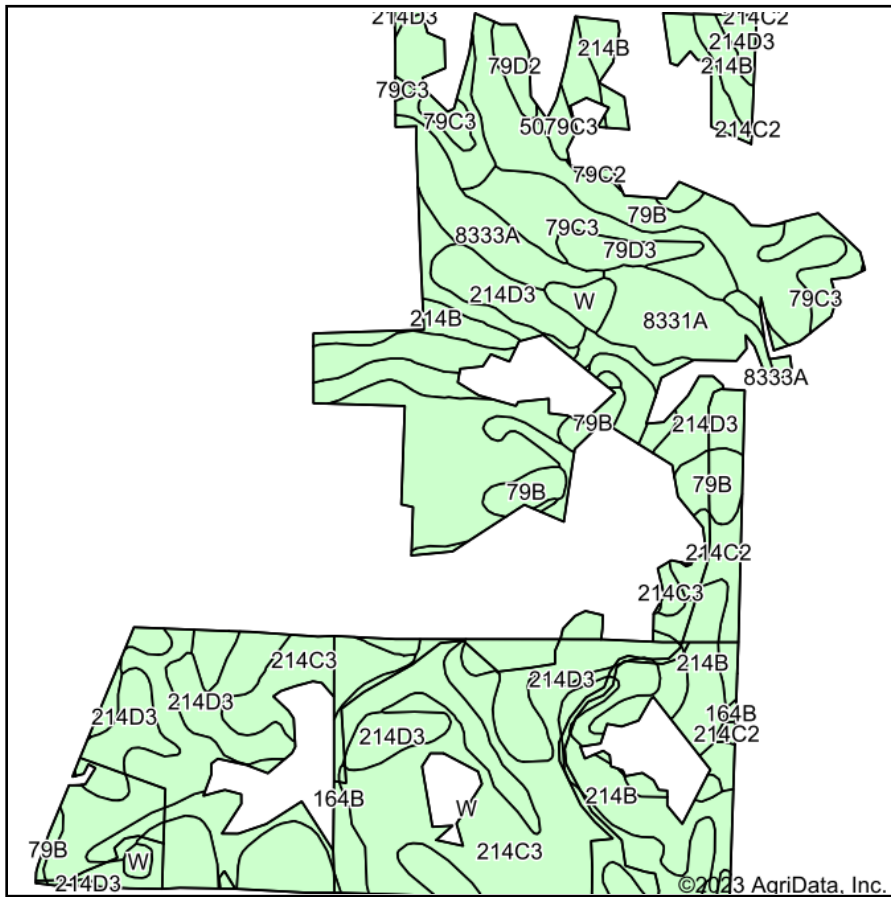
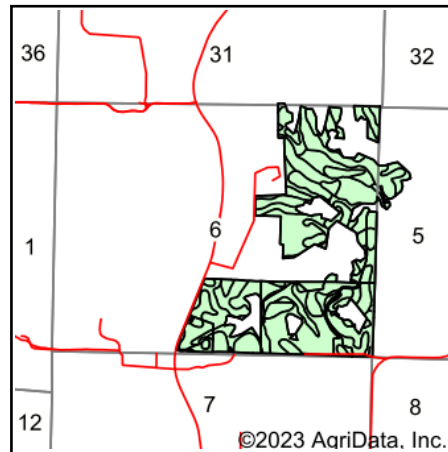


# Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**  
 County: **Union**  
 Location: **6-12S-1W**  
 Township: **Cobden District No. 1**  
 Acres: **186.39**  
 Date: **8/9/2023**



Area Symbol: IL181, Soil Area Version: 16

Code	Soil Description	Acres	Percent of field	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Crop productivity index for optimum management
**214C3	Hosmer silt loam, 5 to 10 percent slopes, severely eroded	66.42	35.6%	**104	**34	**43	**78
**214D3	Hosmer silt loam, 10 to 18 percent slopes, severely eroded	31.91	17.1%	**97	**32	**40	**72
**214B	Hosmer silt loam, 2 to 5 percent slopes	20.24	10.9%	**139	**46	**57	**104
**79B	Menfro silt loam, 2 to 5 percent slopes	17.04	9.1%	**163	**50	**62	**119
**164B	Stoy silt loam, 2 to 5 percent slopes	14.40	7.7%	**144	**47	**57	**108
**79C3	Menfro silt loam, 5 to 10 percent slopes, severely eroded	9.86	5.3%	**142	**44	**54	**103
8331A	Haymond silt loam, 0 to 3 percent slopes, occasionally flooded	6.62	3.6%	181	56	70	132
8333A	Wakeland silt loam, 0 to 2 percent slopes, occasionally flooded	5.37	2.9%	174	56	68	128
**79D2	Menfro silt loam, 10 to 18 percent slopes, eroded	5.27	2.8%	**147	**45	**56	**107
**214C2	Hosmer silt loam, 5 to 10 percent slopes, eroded	3.55	1.9%	**126	**41	**52	**95
**79D3	Menfro silt loam, 10 to 18 percent slopes, severely eroded	2.24	1.2%	**134	**41	**51	**97
W	Water	1.89	1.0%				
5079C3	Menfro silt loam, karst, 5 to 10 percent slopes, severely eroded	1.34	0.7%	165	51	63	120
**79C2	Menfro silt loam, 5 to 10 percent slopes, eroded	0.24	0.1%	**153	**47	**59	**112
<b>Weighted Average</b>				<b>123.3</b>	<b>39.7</b>	<b>49.4</b>	<b>91.5</b>

**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: <http://soilproductivity.nres.illinois.edu/>

\*\* Indexes adjusted for slope and erosion according to Bulletin 811 Table S3

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