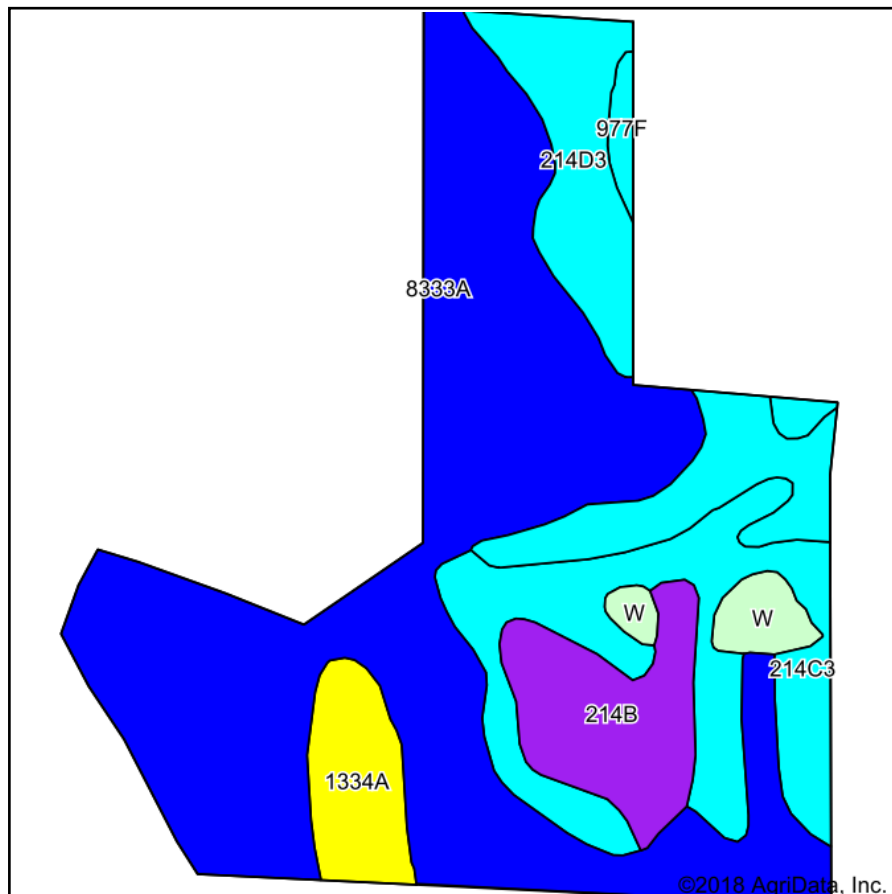
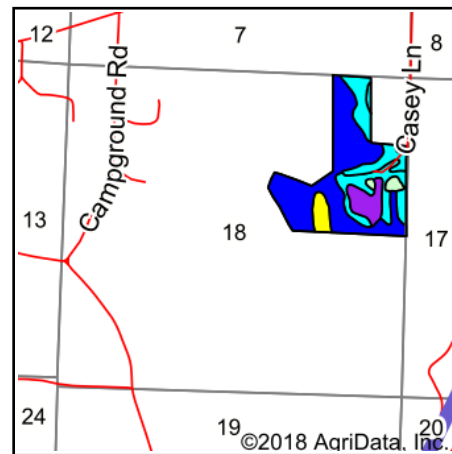


Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**
 County: **Union**
 Location: **18-12S-1E**
 Township: **Anna District No. 3**
 Acres: **78.5**
 Date: **3/2/2018**



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Area Symbol: IL181, Soil Area Version: 11

Code	Soil Description	Acres	Percent of field	Il. State Productivity Index Legend	Soil Drainage	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-le gume e hay, T/A	Crop productivity index for optimum management
8333A	Wakeland silt loam, 0 to 2 percent slopes, occasionally flooded	42.11	53.6%		Somewhat poorly drained	FAV	174	56	68	85	0	0.00	5.14	128
**214C3	Hosmer silt loam, 5 to 10 percent slopes, severely eroded	11.96	15.2%		Moderately well drained	UNF	**104	**34	**43	0	**81	**2.69	0.00	**78
**214D3	Hosmer silt loam, 10 to 18 percent slopes, severely eroded	11.10	14.1%		Moderately well drained	UNF	**97	**32	**40	0	**76	**2.51	0.00	**72
**214B	Hosmer silt loam, 2 to 5 percent slopes	6.43	8.2%		Moderately well drained	UNF	**139	**46	**57	0	**109	**3.60	0.00	**104
1334A	Birds silt loam, undrained, 0 to 2 percent slopes, frequently flooded	3.98	5.1%		Poorly drained	FAV	157	51	61	75	0	4.89	0.00	117
W	Water	1.85	2.4%											
**977F	Wellston-Neotoma complex, 18 to 35 percent slopes	1.07	1.4%		Well drained	UNF	**73	**26	**29	**33	0	0.00	**2.78	**56
Weighted Average							143.2	46.5	56.8	49.8	32	1.31	2.80	105.9

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

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.