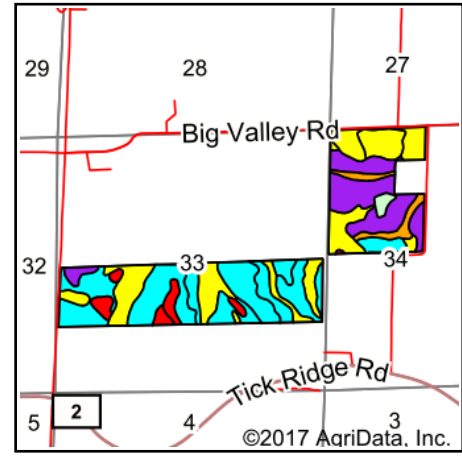
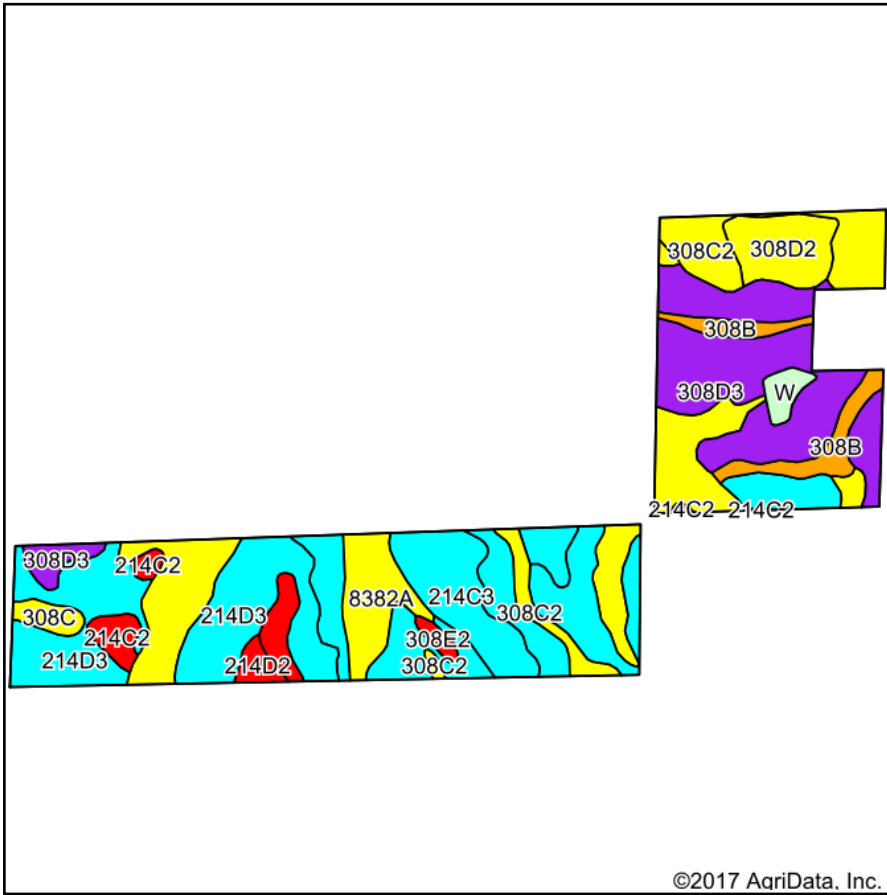


Soils Map



State: **Illinois**
 County: **Pulaski**
 Location: **33-14S-2E**
 Township: **Grand Chain**
 Acres: **262.45**
 Date: **12/18/2017**



Maps Provided By:



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Soils data provided by USDA and NRCS.

Area Symbol: IL153, Soil Area Version: 11

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	Sorghum c Bu/A	Alfalfa d hay, T/A	Grass-le e hay, T/A	Crop productivity index for optimum management
**214D3	Hosmer silt loam, 10 to 18 percent slopes, severely eroded	78.28	29.8%		UNF	**97	**32	**40	0	**76	**2.51	0.00	**72
**308D3	Alford silt loam, 10 to 18 percent slopes, severely eroded	48.63	18.5%		FAV	**135	**41	**53	0	**97	**4.07	0.00	**98
8382A	Belknap silt loam, 0 to 2 percent slopes, occasionally flooded	46.02	17.5%		FAV	156	52	63	75	0	0.00	4.89	117
**214C3	Hosmer silt loam, 5 to 10 percent slopes, severely eroded	27.30	10.4%		UNF	**104	**34	**43	0	**81	**2.69	0.00	**78
**308C2	Alford silt loam, 5 to 10 percent slopes, eroded	21.60	8.2%		FAV	**155	**47	**60	0	**112	**4.67	0.00	**113
**308D2	Alford silt loam, 10 to 18 percent slopes, eroded	11.69	4.5%		FAV	**149	**45	**58	0	**107	**4.47	0.00	**108
**308B	Alford silt loam, 2 to 5 percent slopes	9.90	3.8%		FAV	**165	**50	**64	0	**119	**4.97	0.00	**120
**214C2	Hosmer silt loam, 5 to 10 percent slopes, eroded	9.19	3.5%		UNF	**126	**41	**52	0	**99	**3.28	0.00	**95
**308C	Alford silt loam, 5 to 10 percent slopes	3.05	1.2%		FAV	**162	**49	**63	0	**116	**4.87	0.00	**117
W	Water	2.94	1.1%										
**214D2	Hosmer silt loam, 10 to 18 percent slopes, eroded	2.39	0.9%		UNF	**118	**39	**49	0	**92	**3.06	0.00	**88
**308E2	Alford silt loam, 18 to 25 percent slopes, eroded	1.46	0.6%		FAV	**125	**38	**49	0	**90	**3.77	0.00	**91
Weighted Average						125.8	40.1	50.5	13.2	73.7	2.77	0.86	92.9

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:

<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.