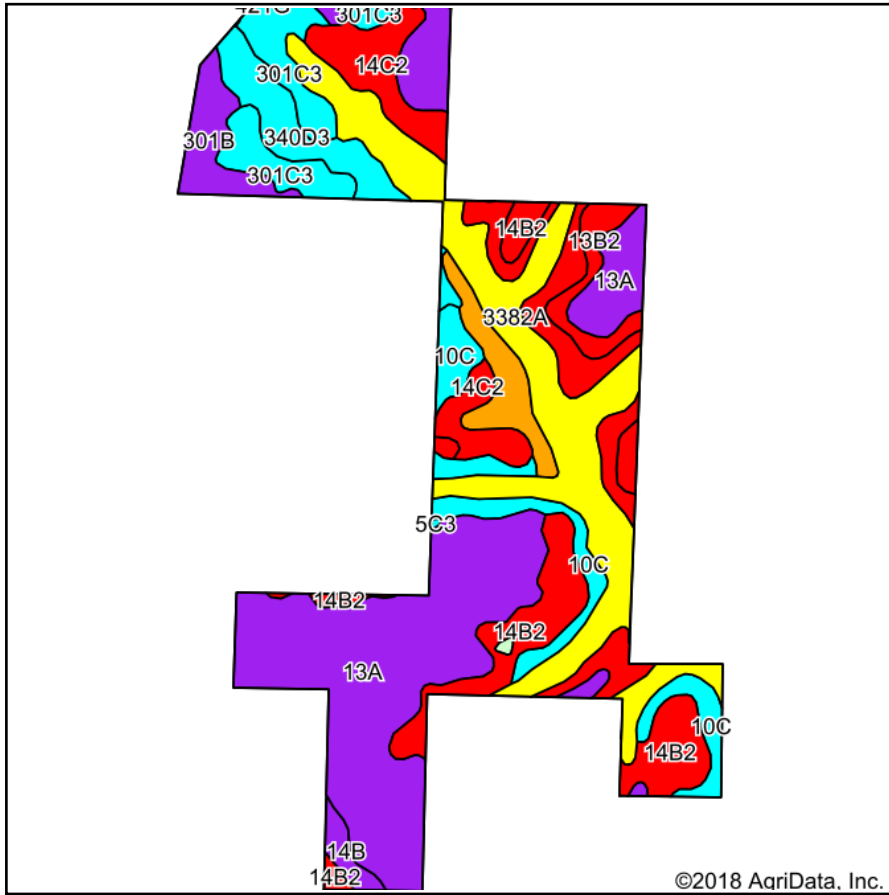
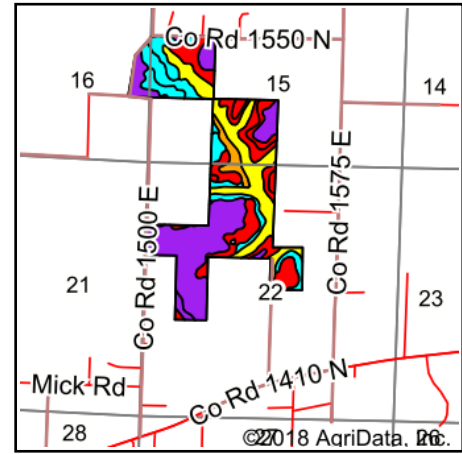


Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**
 County: **Jefferson**
 Location: **22-2S-3E**
 Township: **Mount Vernon**
 Acres: **212**
 Date: **10/1/2018**



Area Symbol: IL081, Soil Area Version: 10

Code	Soil Description	Acres	Percent of field	Ill. State Productivity Index Legend	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Crop productivity index for optimum management
13A	Bluford silt loam, 0 to 2 percent slopes	58.50	27.6%		136	44	55	101
3382A	Belknap silt loam, 0 to 2 percent slopes, frequently flooded	41.34	19.5%		156	52	63	117
**14C2	Ava silt loam, 5 to 10 percent slopes, eroded	24.45	11.5%		**122	**40	**50	**90
**14B2	Ava silt loam, 2 to 5 percent slopes, eroded	23.29	11.0%		**126	**41	**51	**93
**10C	Plumfield silty clay loam, 5 to 10 percent slopes	14.57	6.9%		**103	**34	**39	**78
**301C3	Grantsburg silty clay loam, 5 to 10 percent slopes, severely eroded	12.67	6.0%		**99	**34	**41	**75
**340D3	Zanesville silt loam, till plain, 10 to 18 percent slopes, severely eroded	9.69	4.6%		**86	**30	**37	**65
**301B	Grantsburg silt loam, 2 to 5 percent slopes	7.33	3.5%		**133	**46	**54	**101
3072A	Sharon silt loam, 0 to 2 percent slopes, frequently flooded	6.99	3.3%		164	53	63	122
**14B	Ava silt loam, 2 to 5 percent slopes	6.91	3.3%		**134	**44	**54	**99
**13B2	Bluford silt loam, 2 to 5 percent slopes, eroded	5.88	2.8%		**129	**42	**52	**96
W	Water	0.22	0.1%					
**5C3	Blair silty clay loam, 5 to 10 percent slopes, severely eroded	0.08	0.0%		**102	**33	**41	**77
**421G	Kell silt loam, 35 to 60 percent slopes	0.08	0.0%		**60	**20	**23	**45
Weighted Average					130.8	43.1	52.8	97.5

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

*c: Using Capabilities Class Dominant Condition Aggregation Method