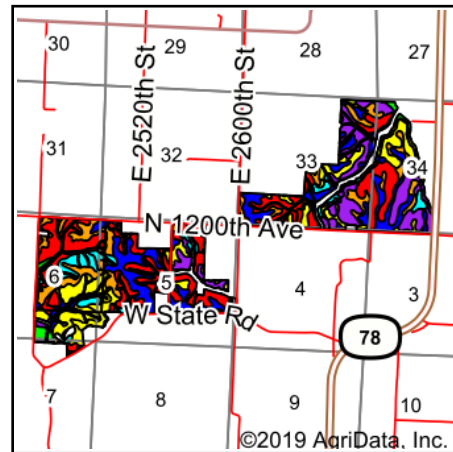
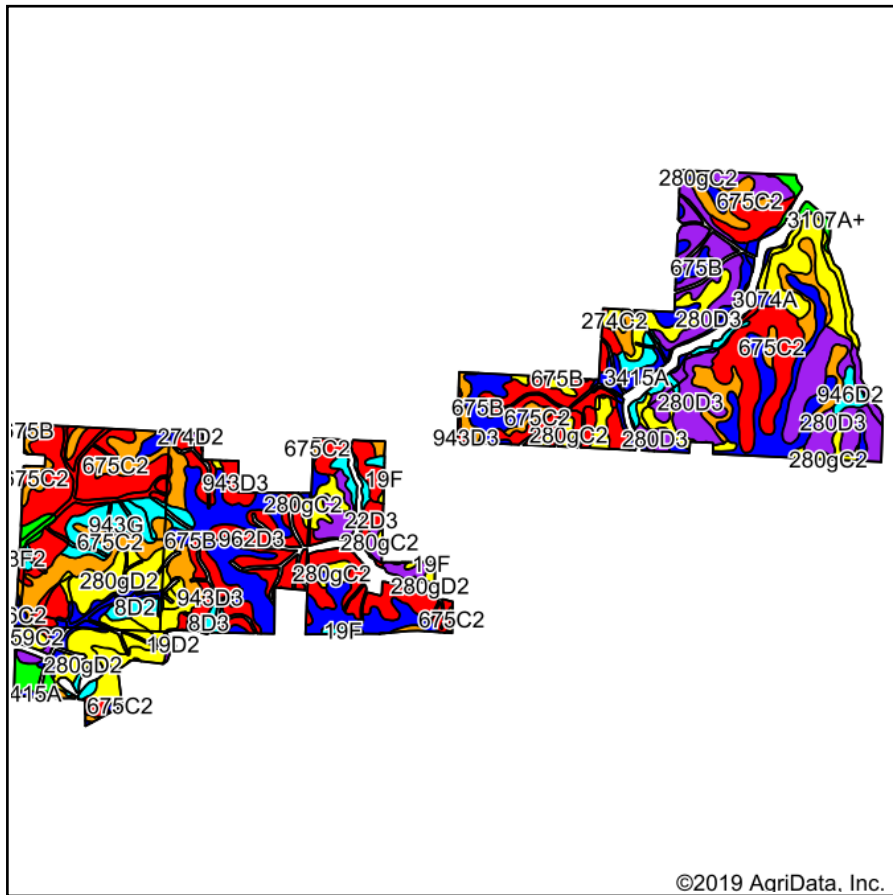
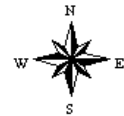


Soils Map



State: **Illinois**
 County: **Henry**
 Location: **33-16N-5E**
 Township: **Annawan**
 Acres: **1091.07**
 Date: **2/19/2019**



Soils data provided by USDA and NRCS.

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Area Symbol: IL073, Soil Area Version: 15

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 b	Sorghum c Bu/A	Alfalfa d hay, T/A	Grass-legume e hay, T/A	Crop productivity index for optimum management
**943D3	Seaton-Timula silt loams, 10 to 18 percent slopes, severely eroded	170.09	15.6%		FAV	**131	**41	**50	**65	0	**3.41	0.00	**96
**675B	Greenbush silt loam, 2 to 5 percent slopes	160.64	14.7%		FAV	**182	**57	**69	**96	0	0.00	**5.34	**133
**280D3	Fayette silty clay loam, glaciated, 10 to 18 percent slopes, severely eroded	130.88	12.0%		FAV	**135	**43	**53	**69	0	**4.27	0.00	**99
**675C2	Greenbush silt loam, 5 to 10 percent slopes, eroded	126.00	11.5%		FAV	**171	**54	**65	**90	0	0.00	**5.01	**125
**280gD2	Fayette silt loam, glaciated, 10 to 18 percent slopes, eroded	99.04	9.1%		FAV	**149	**47	**59	**76	0	**4.69	0.00	**109
**280gC2	Fayette silt loam, glaciated, 5 to 10 percent slopes, eroded	79.99	7.3%		FAV	**155	**49	**61	**79	0	**4.90	0.00	**113
**962D3	Sylvan-Bold complex, 10 to 18 percent slopes, severely eroded	78.25	7.2%		FAV	**124	**38	**48	**58	0	0.00	**3.37	**89
**19D3	Sylvan silty clay loam, 10 to 18 percent slopes, severely eroded	53.29	4.9%		FAV	**122	**40	**49	**57	0	**3.25	0.00	**90

3415A	Orion silt loam, 0 to 2 percent slopes, frequently flooded	35.64	3.3%		FAV	180	57	66	89	0	0.00	5.02	131
**943G	Seaton-Timula silt loams, 35 to 60 percent slopes	30.49	2.8%		FAV	**78	**24	**30	**38	0	**2.02	0.00	**57
3107A+	Sawmill silt loam, 0 to 2 percent slopes, frequently flooded, overwash	18.91	1.7%		FAV	189	60	71	98	0	0.00	5.77	139
**618D2	Senachwine silt loam, 10 to 18 percent slopes, eroded	12.57	1.2%		FAV	**130	**42	**52	**62	0	**3.12	0.00	**95
**274D2	Seaton silt loam, 10 to 18 percent slopes, eroded	11.35	1.0%		FAV	**148	**45	**57	**76	0	**4.02	0.00	**107
**946D3	Hickory-Atlas complex, 10 to 18 percent slopes, severely eroded	11.23	1.0%		UNF	**82	**28	**33	**38	0	0.00	**2.63	**63
**8D3	Hickory clay loam, 10 to 18 percent slopes, severely eroded	10.27	0.9%		FAV	**98	**33	**40	**45	0	**3.26	0.00	**75
3074A	Radford silt loam, 0 to 2 percent slopes, frequently flooded	7.60	0.7%		FAV	186	58	73	99	0	0.00	5.52	136
**274C2	Seaton silt loam, 5 to 10 percent slopes, eroded	6.92	0.6%		FAV	**154	**47	**60	**79	0	**4.20	0.00	**112
**8D2	Hickory silt loam, 10 to 18 percent slopes, eroded	6.57	0.6%		FAV	**108	**36	**44	**50	0	**3.58	0.00	**82
**946D2	Hickory-Atlas silt loams, 10 to 18 percent slopes, eroded	5.97	0.5%		UNF	**100	**34	**40	**46	0	0.00	**3.20	**76
**22D3	Westville clay loam, 10 to 18 percent slopes, severely eroded	5.20	0.5%		FAV	**123	**41	**49	**60	0	**3.35	0.00	**92
**280B	Fayette silt loam, glaciated, 2 to 5 percent slopes	5.12	0.5%		FAV	**165	**52	**65	**84	0	**5.22	0.00	**121
**8F2	Hickory silt loam, 18 to 35 percent slopes, eroded	4.93	0.5%		FAV	**80	**27	**32	**37	0	**2.65	0.00	**61
**259C2	Assumption silt loam, 5 to 10 percent slopes, eroded	4.93	0.5%		FAV	**152	**48	**60	**77	0	**4.44	0.00	**111
**119D2	Elco silt loam, 10 to 18 percent slopes, eroded	4.67	0.4%		FAV	**134	**44	**53	**67	0	**3.79	0.00	**100
**19D2	Sylvan silt loam, 10 to 18 percent slopes, eroded	3.70	0.3%		FAV	**134	**44	**53	**62	0	**3.57	0.00	**99
**549F2	Marseilles silt loam, 18 to 35 percent slopes, eroded	3.03	0.3%		UNF	**89	**29	**36	**47	0	**2.26	0.00	**66
**19F	Sylvan silt loam, 18 to 35 percent slopes	2.32	0.2%		FAV	**107	**35	**43	**50	0	**2.85	0.00	**79
**86C2	Osco silt loam, 5 to 10 percent slopes, eroded	1.47	0.1%		FAV	**178	**56	**70	**95	0	**6.42	0.00	**131
Weighted Average						146.7	46.3	56.6	74.4	*-	2.32	1.95	107.3

Maps Provided By:



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.