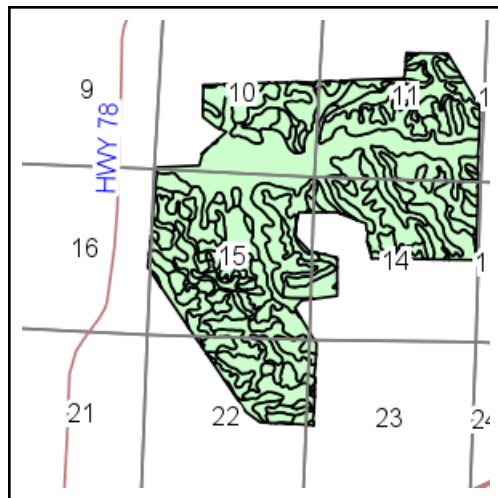
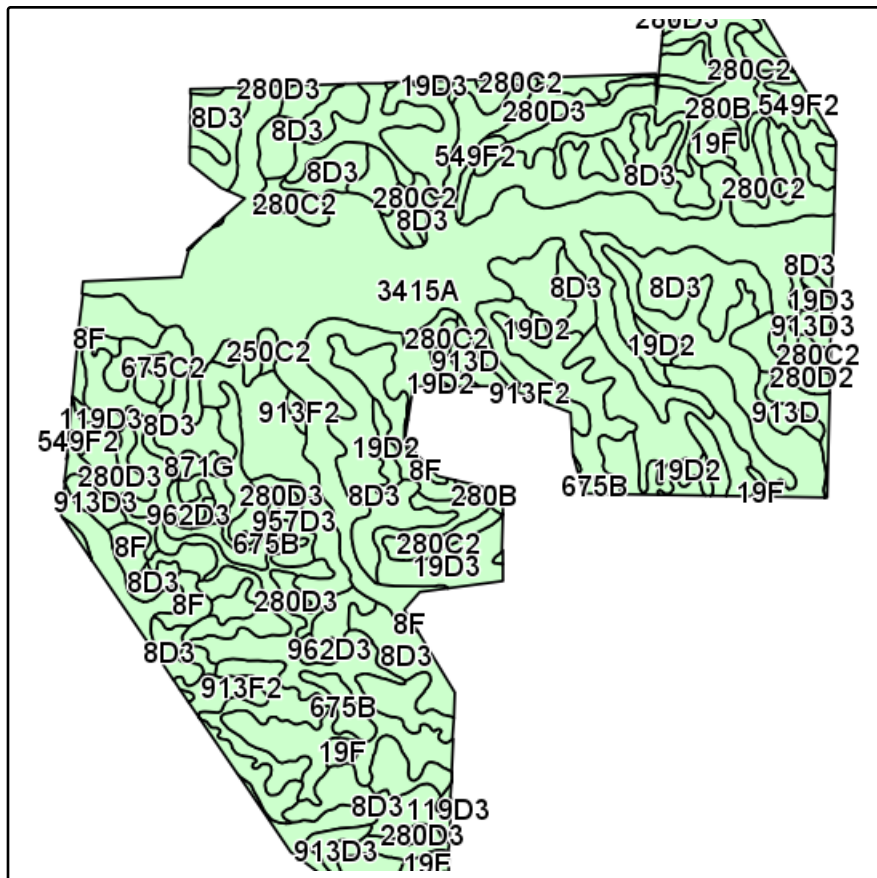


Soils Map



State: **Illinois**
 County: **Henry**
 Location: **15-15N-5E**
 Township: **Kewanee**
 Acres: **1670**
 Date: **12/22/2012**

Field borders provided by Farm Service Agency as of 5/21/2008.
 Soils data provided by University of Illinois at Champaign-Urbana.

Maps provided by:

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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
3415A	Orion silt loam, 0 to 2 percent slopes, frequently flooded	365.3	21.9%		FAV	180	57	66	89	0	0.00	5.02	131
**8D3	Hickory clay loam, 10 to 18 percent slopes, severely eroded	361.5	21.6%		FAV	**98	**33	**40	**45	0	**3.26	0.00	**75
**280C2	Fayette silt loam, 5 to 10 percent slopes, eroded	307.9	18.4%		FAV	**155	**49	**61	**79	0	**4.90	0.00	**113
**280B	Fayette silt loam, 2 to 5 percent slopes	84.8	5.1%		FAV	**165	**52	**65	**84	0	**5.22	0.00	**121
**913D3	Marseilles-Hickory complex, 10 to 18 percent slopes, severely eroded	84.3	5.0%		UNF	**93	**31	**37	**47	0	0.00	**2.62	**70
**19D3	Sylvan silty clay loam, 10 to 18 percent slopes, severely eroded	77.5	4.6%		FAV	**122	**40	**49	**57	0	**3.25	0.00	**90
**280D3	Fayette silty clay loam, 10 to 18 percent slopes, severely eroded	70.7	4.2%		FAV	**135	**43	**53	**69	0	**4.27	0.00	**99
**549F2	Marseilles silt loam, 18 to 35 percent slopes, eroded	40.2	2.4%		UNF	**89	**29	**36	**47	0	**2.26	0.00	**66

**962D3	Sylvan-Bold complex, 10 to 18 percent slopes, severely eroded	33.8	2.0%		FAV	**124	**38	**48	**58	0	0.00	**3.37	**89
**618D2	Senachwine silt loam, 10 to 18 percent slopes, eroded	32.8	2.0%		FAV	**130	**42	**52	**62	0	**3.12	0.00	**95
**8F	Hickory silt loam, 18 to 35 percent slopes	28.8	1.7%		FAV	**86	**29	**35	**40	0	**2.85	0.00	**65
**913D	Marseilles-Hickory silt loams, 10 to 18 percent slopes	28.7	1.7%		UNF	**123	**41	**49	**62	0	0.00	**3.45	**92
**280D2	Fayette silt loam, 10 to 18 percent slopes, eroded	28.2	1.7%		FAV	**149	**47	**59	**76	0	**4.69	0.00	**109
**19D2	Sylvan silt loam, 10 to 18 percent slopes, eroded	27.6	1.7%		FAV	**134	**44	**53	**62	0	**3.57	0.00	**99
**913F2	Marseilles-Hickory complex, 18 to 35 percent slopes, eroded	22.2	1.3%		UNF	**84	**28	**33	**42	0	0.00	**2.35	**63
**675B	Greenbush silt loam, 2 to 5 percent slopes	17.1	1.0%		FAV	**182	**57	**69	**96	0	0.00	**5.34	**133
**19F	Sylvan silt loam, 18 to 35 percent slopes	15.7	0.9%		FAV	**107	**35	**43	**50	0	**2.85	0.00	**79
3074A	Radford silt loam, 0 to 2 percent slopes, frequently flooded	12.2	0.7%		FAV	186	58	73	99	0	0.00	5.52	136
**957D3	Elco-Atlas silty clay loams, 10 to 18 percent slopes, severely eroded	8.5	0.5%		UNF	**95	**32	**37	**46	0	0.00	**2.73	**71
**946D3	Hickory-Atlas complex, 10 to 18 percent slopes, severely eroded	5.5	0.3%		UNF	**82	**28	**33	**38	0	0.00	**2.63	**63
**871G	Lenzburg silty clay loam, 20 to 60 percent slopes	4.3	0.3%		FAV	**62	**21	**23	**25	0	0.00	**2.09	**47
**675C2	Greenbush silt loam, 5 to 10 percent slopes, eroded	3.8	0.2%		FAV	**171	**54	**65	**90	0	0.00	**5.01	**125
**119D3	Elco silty clay loam, 10 to 18 percent slopes, severely eroded	3.5	0.2%		FAV	**122	**40	**48	**61	0	**3.45	0.00	**91
**250C2	Velma silt loam, 5 to 10 percent slopes, eroded	3	0.2%		FAV	**142	**47	**59	**72	0	**4.08	0.00	**105
**199C2	Plano silt loam, 5 to 10 percent slopes, eroded	2.1	0.1%		FAV	**180	**56	**69	**96	0	**6.53	0.00	**132
Weighted Average						136.2	43.8	52.9	67.1	0	2.55	1.52	100.4

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 (Updated 1/10/2012)

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".