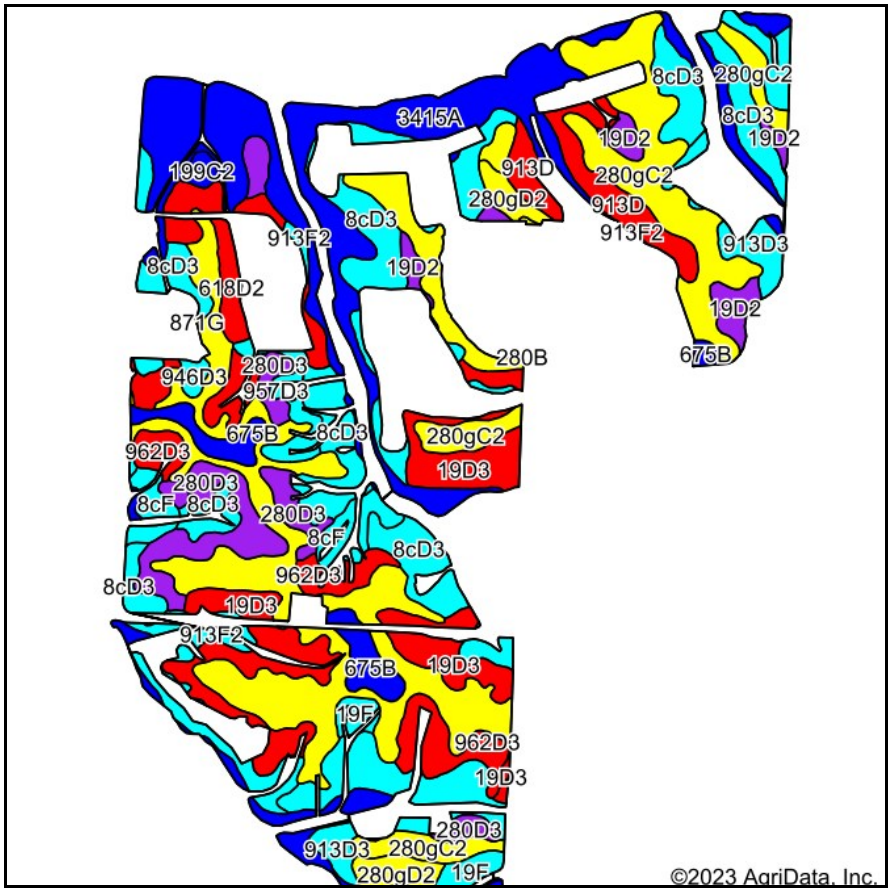
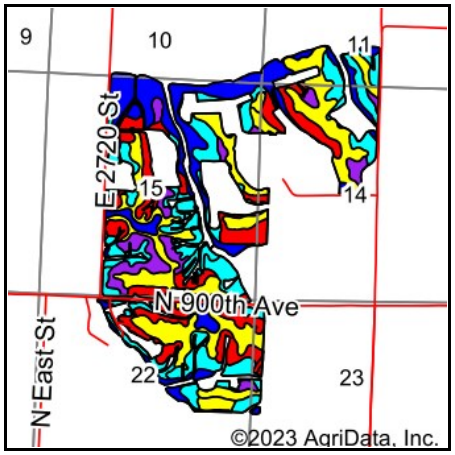
Soils Map





Soils data provided by USDA and NRCS.

State: **Illinois**
County: **Henry**
Location: **15-15N-5E**
Township: **Kewanee**
Acres: **590.19**
Date: **1/27/2023**

Ceres Partners

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N W E S

Area Symbol: IL073, Soil Area Version: 19

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
**280gC2	Fayette silt loam, glaciated, 5 to 10 percent slopes, eroded	155.33	26.3%		FAV	**155	**49	**61	**79	0	**4.90	0.00	**113
**8cD3	Hickory clay loam, cool mesic, 10 to 18 percent slopes, severely eroded	104.35	17.7%		FAV	**98	**33	**40	**45	0	**3.26	0.00	**75
3415A	Orion silt loam, 0 to 2 percent slopes, frequently flooded	96.96	16.4%		FAV	180	57	66	89	0	0.00	5.02	131
**19D3	Sylvan silty clay loam, 10 to 18 percent slopes, severely eroded	49.25	8.3%		FAV	**122	**40	**49	**57	0	**3.25	0.00	**90

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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
**962D3	Sylvan-Bold complex, 10 to 18 percent slopes, severely eroded	28.26	4.8%		FAV	**124	**38	**48	**58	0	0.00	**3.37	**89
**280D3	Fayette silty clay loam, glaciated, 10 to 18 percent slopes, severely eroded	28.13	4.8%		FAV	**135	**43	**53	**69	0	**4.27	0.00	**99
**913D	Marseilles-Hickory silt loams, 10 to 18 percent slopes	19.13	3.2%		UNF	**123	**41	**49	**62	0	0.00	**3.45	**92
**618D2	Senachwine silt loam, 10 to 18 percent slopes, eroded	15.18	2.6%		FAV	**130	**42	**52	**62	0	**3.12	0.00	**95
**675B	Greenbush silt loam, 2 to 5 percent slopes	15.00	2.5%		FAV	**182	**57	**69	**96	0	0.00	**5.34	**133
**913F2	Marseilles-Hickory complex, 18 to 35 percent slopes, eroded	12.89	2.2%		UNF	**84	**28	**33	**42	0	0.00	**2.35	**63
**913D3	Marseilles-Hickory complex, 10 to 18 percent slopes, severely eroded	11.83	2.0%		UNF	**93	**31	**37	**47	0	0.00	**2.62	**70
**19D2	Sylvan silt loam, 10 to 18 percent slopes, eroded	11.79	2.0%		FAV	**134	**44	**53	**62	0	**3.57	0.00	**99
**8cF	Hickory silt loam, cool mesic, 18 to 35 percent slopes	10.60	1.8%		FAV	**86	**29	**35	**40	0	**2.85	0.00	**65
**280gD2	Fayette silt loam, glaciated, 10 to 18 percent slopes, eroded	9.85	1.7%		FAV	**149	**47	**59	**76	0	**4.69	0.00	**109
**19F	Sylvan silt loam, 18 to 35 percent slopes	6.96	1.2%		FAV	**107	**35	**43	**50	0	**2.85	0.00	**79

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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
**957D3	Elco-Atlas silty clay loams, 10 to 18 percent slopes, severely eroded	6.35	1.1%		UNF	**95	**32	**37	**46	0	0.00	**2.73	**71
**250C2	Velma silt loam, 5 to 10 percent slopes, eroded	2.98	0.5%		FAV	**142	**47	**59	**72	0	**4.08	0.00	**105
**946D3	Hickory-Atlas complex, 10 to 18 percent slopes, severely eroded	2.79	0.5%		UNF	**82	**28	**33	**38	0	0.00	**2.63	**63
**199C2	Plano silt loam, 5 to 10 percent slopes, eroded	2.09	0.4%		FAV	**180	**56	**69	**96	0	**6.53	0.00	**132
**119D3	Elco silty clay loam, 10 to 18 percent slopes, severely eroded	0.47	0.1%		FAV	**122	**40	**48	**61	0	**3.45	0.00	**91
				Weighted Average		**136.7**	**43.9**	**53.3**	**67.3**	*-	**2.70**	**1.38**	**100.6**

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".