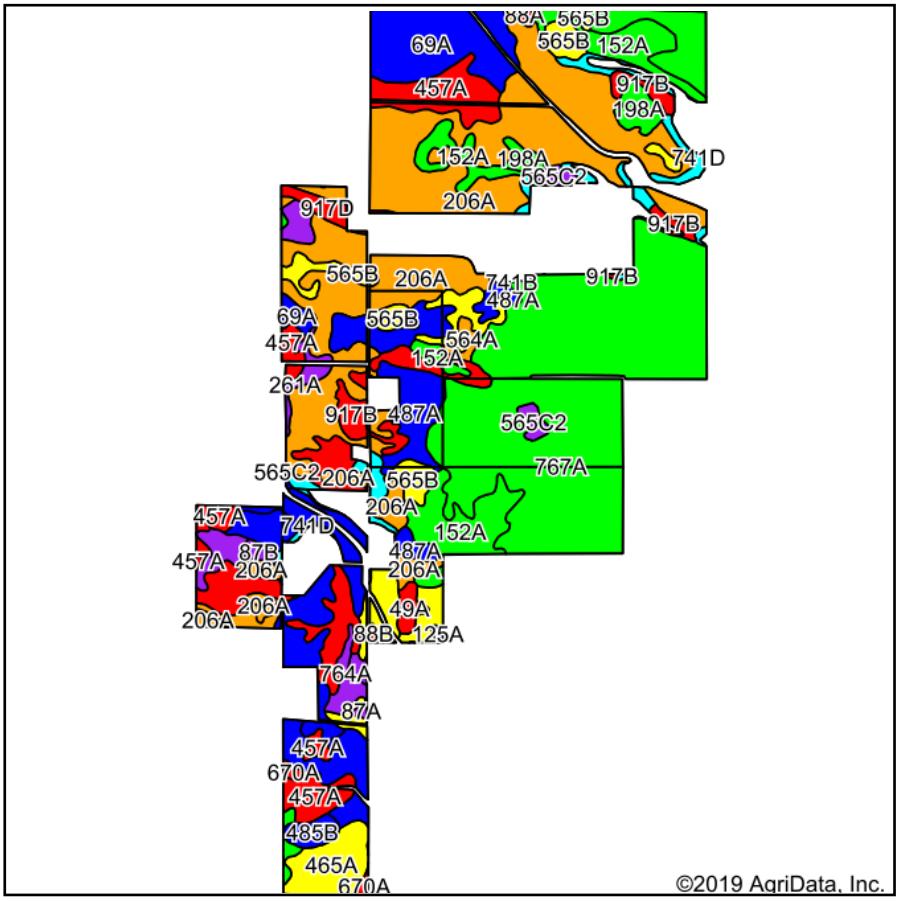
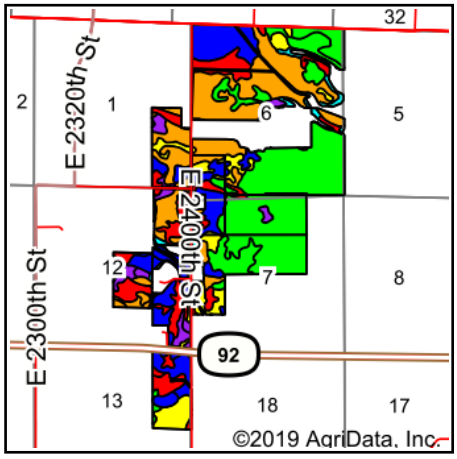
Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**
County: **Henry**
Location: **7-18N-5E**
Township: **Yorktown**
Acres: **1074.72**
Date: **6/16/2020**

Ceres Partners

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N W E S

Area Symbol: IL073, Soil Area Version: 16

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
767A	Prophetstown silt loam, 0 to 2 percent slopes	286.66	26.7%		FAV	190	59	70	94	0	0.00	5.27	138
206A	Thorp silt loam, 0 to 2 percent slopes	244.33	22.7%		FAV	170	55	66	88	0	0.00	5.14	126
152A	Drummer silty clay loam, 0 to 2 percent slopes	67.72	6.3%		FAV	195	63	73	100	0	0.00	5.64	144
69A	Milford silty clay loam, 0 to 2 percent slopes	65.48	6.1%		FAV	171	57	68	88	0	0.00	5.52	128
457A	Booker silty clay, 0 to 2 percent slopes	46.89	4.4%		FAV	116	41	44	48	0	0.00	3.89	89
**565B	Tell silt loam, 2 to 5 percent slopes	39.65	3.7%		FAV	**151	**50	**59	**76	0	**3.85	0.00	**111
**917B	Oakville-Tell complex, 1 to 7 percent slopes	36.53	3.4%		FAV	**124	**42	**50	**61	0	0.00	**3.70	**94
485A	Richwood silt loam, 0 to 2 percent slopes	32.50	3.0%		FAV	186	57	71	102	0	6.52	0.00	136
487A	Joyce silt loam, 0 to 2 percent slopes	29.39	2.7%		FAV	180	57	70	95	0	0.00	5.52	132
**741D	Oakville fine sand, 7 to 15 percent slopes	25.07	2.3%		FAV	**100	**35	**44	**49	0	0.00	**3.39	**76
465A	Montgomery silty clay, 0 to 2 percent slopes	22.50	2.1%		FAV	148	49	58	68	0	0.00	4.52	110

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67A	Harpster silty clay loam, 0 to 2 percent slopes	20.85	1.9%		FAV	182	57	68	89	0	0.00	5.39	133
**917D	Oakville-Tell complex, 7 to 15 percent slopes	19.57	1.8%		FAV	**116	**39	**47	**58	0	0.00	**3.48	**88
125A	Selma loam, 0 to 2 percent slopes	19.12	1.8%		FAV	176	57	70	90	0	0.00	6.38	129
**88B	Sparta loamy sand, Illinois till plain, 2 to 6 percent slopes	16.09	1.5%		FAV	**118	**41	**50	**57	0	0.00	**3.97	**91
198A	Elburn silt loam, 0 to 2 percent slopes	15.91	1.5%		FAV	197	61	74	94	0	0.00	5.77	143
261A	Niota silt loam, 0 to 2 percent slopes	14.18	1.3%		FAV	131	43	55	65	0	0.00	4.14	98
**565C2	Tell silt loam, 5 to 10 percent slopes, eroded	12.21	1.1%		FAV	**142	**47	**56	**72	0	**3.62	0.00	**104
200A	Orio loam, 0 to 2 percent slopes	11.01	1.0%		FAV	147	48	59	71	0	0.00	4.64	110
172A	Hoopeston sandy loam, 0 to 2 percent slopes	7.17	0.7%		FAV	147	48	59	73	0	0.00	4.76	109
764A	Coyne fine sandy loam, 0 to 2 percent slopes	6.69	0.6%		FAV	142	47	59	70	0	3.64	0.00	105
**485B	Richwood silt loam, 2 to 5 percent slopes	6.41	0.6%		FAV	**184	**56	**70	**101	0	**6.45	0.00	**135
**564B	Waukegan silt loam 2 to 5 percent slopes	5.13	0.5%		FAV	**160	**52	**62	**81	0	**4.35	0.00	**118
**87B	Dickinson sandy loam, 2 to 5 percent slopes	5.01	0.5%		FAV	**141	**46	**55	**73	0	**3.36	0.00	**103
49A	Watseka loamy fine sand, 0 to 2 percent slopes	4.61	0.4%		FAV	122	41	51	61	0	0.00	4.39	93
564A	Waukegan silt loam, 0 to 2 percent slopes	3.83	0.4%		FAV	162	53	63	82	0	4.39	0.00	119
201A	Gilford fine sandy loam, 0 to 2 percent slopes	3.50	0.3%		FAV	148	49	59	73	0	0.00	4.52	110
670A	Aholt silty clay, 0 to 2 percent slopes	2.62	0.2%		FAV	123	41	46	50	0	0.00	3.89	92
**87C2	Dickinson sandy loam, 5 to 10 percent slopes, eroded	1.83	0.2%		FAV	**132	**43	**52	**69	0	**3.15	0.00	**97
88A	Sparta loamy sand, Illinois till plain, 0 to 2 percent slopes	1.45	0.1%		FAV	119	41	50	58	0	0.00	4.01	92
87A	Dickinson sandy loam, 0 to 2 percent slopes	0.81	0.1%		FAV	142	46	56	74	0	3.39	0.00	104
					Weighted Average	**167.9**	**54**	**64.4**	**84.4**	***-**	**0.50**	**4.49**	**123.9**

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: 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.