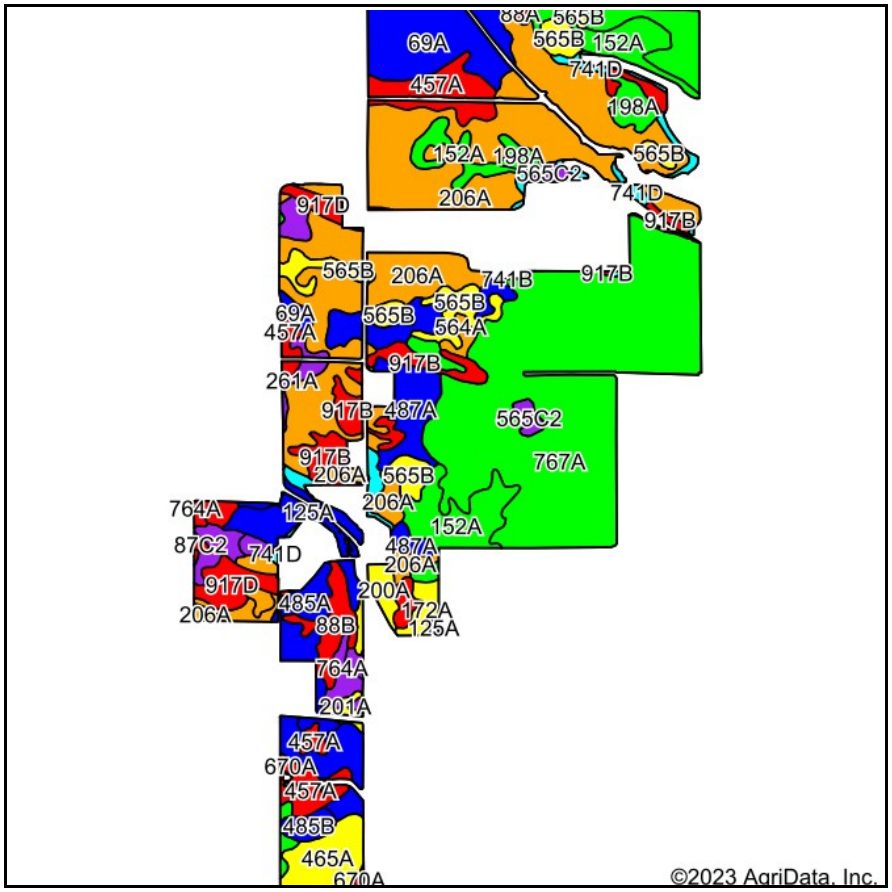
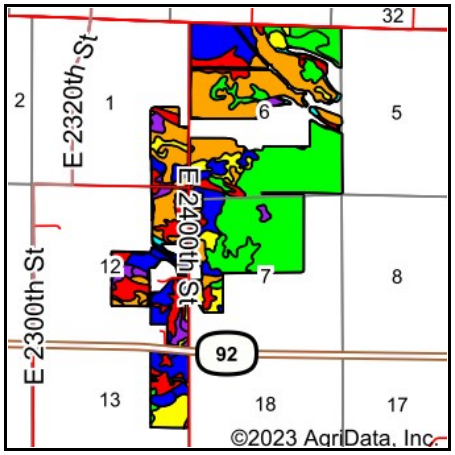
Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**
County: **Henry**
Location: **7-18N-5E**
Township: **Yorktown**
Acres: **1037.47**
Date: **3/30/2023**

Ceres Partners

Maps Provided By: surety CUSTOMIZED ONLINE MAPPING

 www.AgriDataInc.com

Area Symbol: IL073, Soil Area Version: 19

Code	Soil Description	Acres	Percent of field	Il. State Productivity Index Legend	Water Table	Restrictive Layer	Soil Drainage	Subsoil rooting *a*	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Grass-legume *e* hay, T/A	Crop productivity index for optimum management
767A	Prophetstown silt loam, 0 to 2 percent slopes	282.49	27.2%		0.5ft.	> 6.5ft.	Poorly drained	FAV	190	59	70	5.27	138
206A	Thorp silt loam, 0 to 2 percent slopes	237.71	22.9%		0.5ft.	> 6.5ft.	Poorly drained	FAV	170	55	66	5.14	126
152A	Drummer silty clay loam, 0 to 2 percent slopes	66.01	6.4%		0.5ft.	> 6.5ft.	Poorly drained	FAV	195	63	73	5.64	144
69A	Milford silty clay loam, 0 to 2 percent slopes	63.78	6.1%		0.5ft.	> 6.5ft.	Poorly drained	FAV	171	57	68	5.52	128
457A	Booker silty clay, 0 to 2 percent slopes	43.79	4.2%		0ft.	> 6.5ft.	Very poorly drained	FAV	116	41	44	3.89	89
**565B	Tell silt loam, 2 to 5 percent slopes	39.27	3.8%		> 6.5ft.	2.9ft. (Strongly contrasting textural stratification)	Well drained	FAV	**151	**50	**59	0.00	**111

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**917B	Oakville-Tell complex, 1 to 7 percent slopes	34.90	3.4%		> 6.5ft.	> 6.5ft.	Excessively drained	FAV	**124	**42	**50	**3.70	**94
485A	Richwood silt loam, 0 to 2 percent slopes	31.74	3.1%		> 6.5ft.	> 6.5ft.	Well drained	FAV	186	57	71	0.00	136
487A	Joyce silt loam, 0 to 2 percent slopes	29.25	2.8%		1.7ft.	> 6.5ft.	Somewhat poorly drained	FAV	180	57	70	5.52	132
465A	Montgomery silty clay, 0 to 2 percent slopes	22.16	2.1%		0ft.	> 6.5ft.	Very poorly drained	FAV	148	49	58	4.52	110
67A	Harpster silty clay loam, 0 to 2 percent slopes	19.95	1.9%		0.5ft.	> 6.5ft.	Poorly drained	FAV	182	57	68	5.39	133
**917D	Oakville-Tell complex, 7 to 15 percent slopes	19.06	1.8%		> 6.5ft.	> 6.5ft.	Excessively drained	FAV	**116	**39	**47	**3.48	**88
**741D	Oakville fine sand, 7 to 15 percent slopes	17.61	1.7%		> 6.5ft.	> 6.5ft.	Excessively drained	FAV	**100	**35	**44	**3.39	**76
125A	Selma loam, 0 to 2 percent slopes	17.40	1.7%		0.5ft.	> 6.5ft.	Poorly drained	FAV	176	57	70	6.38	129
198A	Elburn silt loam, 0 to 2 percent slopes	15.91	1.5%		1.5ft.	> 6.5ft.	Somewhat poorly drained	FAV	197	61	74	5.77	143
**88B	Sparta loamy sand, Illinois till plain, 2 to 6 percent slopes	15.32	1.5%		> 6.5ft.	> 6.5ft.	Excessively drained	FAV	**118	**41	**50	**3.97	**91
261A	Niota silt loam, 0 to 2 percent slopes	14.04	1.4%		0.5ft.	1.3ft. (Abrupt textural change)	Poorly drained	FAV	131	43	55	4.14	98
**565C2	Tell silt loam, 5 to 10 percent slopes, eroded	12.00	1.2%		> 6.5ft.	2.7ft. (Strongly contrasting textural stratification)	Well drained	FAV	**142	**47	**56	0.00	**104
200A	Orio loam, 0 to 2 percent slopes	8.03	0.8%		0.5ft.	> 6.5ft.	Poorly drained	FAV	147	48	59	4.64	110
172A	Hoopeston sandy loam, 0 to 2 percent slopes	6.82	0.7%		1.5ft.	> 6.5ft.	Somewhat poorly drained	FAV	147	48	59	4.76	109

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764A	Coyne fine sandy loam, 0 to 2 percent slopes	6.66	0.6%		> 6.5ft.	> 6.5ft.	Well drained	FAV	142	47	59	0.00	105
**485B	Richwood silt loam, 2 to 5 percent slopes	6.41	0.6%		> 6.5ft.	> 6.5ft.	Well drained	FAV	**184	**56	**70	0.00	**135
**87B	Dickinson sandy loam, 2 to 5 percent slopes	4.98	0.5%		> 6.5ft.	> 6.5ft.	Well drained	FAV	**141	**46	**55	0.00	**103
**564B	Waukegan silt loam 2 to 5 percent slopes	4.87	0.5%		> 6.5ft.	> 6.5ft.	Well drained	FAV	**160	**52	**62	0.00	**118
49A	Watseka loamy fine sand, 0 to 2 percent slopes	4.61	0.4%		1.5ft.	> 6.5ft.	Somewhat poorly drained	FAV	122	41	51	4.39	93
564A	Waukegan silt loam, 0 to 2 percent slopes	3.83	0.4%		> 6.5ft.	2.9ft. (Strongly contrasting textural stratification)	Well drained	FAV	162	53	63	0.00	119
201A	Gilford fine sandy loam, 0 to 2 percent slopes	2.66	0.3%		0.5ft.	> 6.5ft.	Poorly drained	FAV	148	49	59	4.52	110
670A	Aholt silty clay, 0 to 2 percent slopes	2.35	0.2%		0ft.	> 6.5ft.	Very poorly drained	FAV	123	41	46	3.89	92
**87C2	Dickinson sandy loam, 5 to 10 percent slopes, eroded	1.74	0.2%		> 6.5ft.	> 6.5ft.	Well drained	FAV	**132	**43	**52	0.00	**97
88A	Sparta loamy sand, Illinois till plain, 0 to 2 percent slopes	1.36	0.1%		> 6.5ft.	> 6.5ft.	Excessively drained	FAV	119	41	50	4.01	92
87A	Dickinson sandy loam, 0 to 2 percent slopes	0.76	0.1%		> 6.5ft.	> 6.5ft.	Well drained	FAV	142	46	56	0.00	104
							Weighted Average		**168.6**	**54.2**	**64.6**	**4.50**	**124.3**

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

e Soils in the well drained group were not rated for grass-legume and are shown with a zero "0".