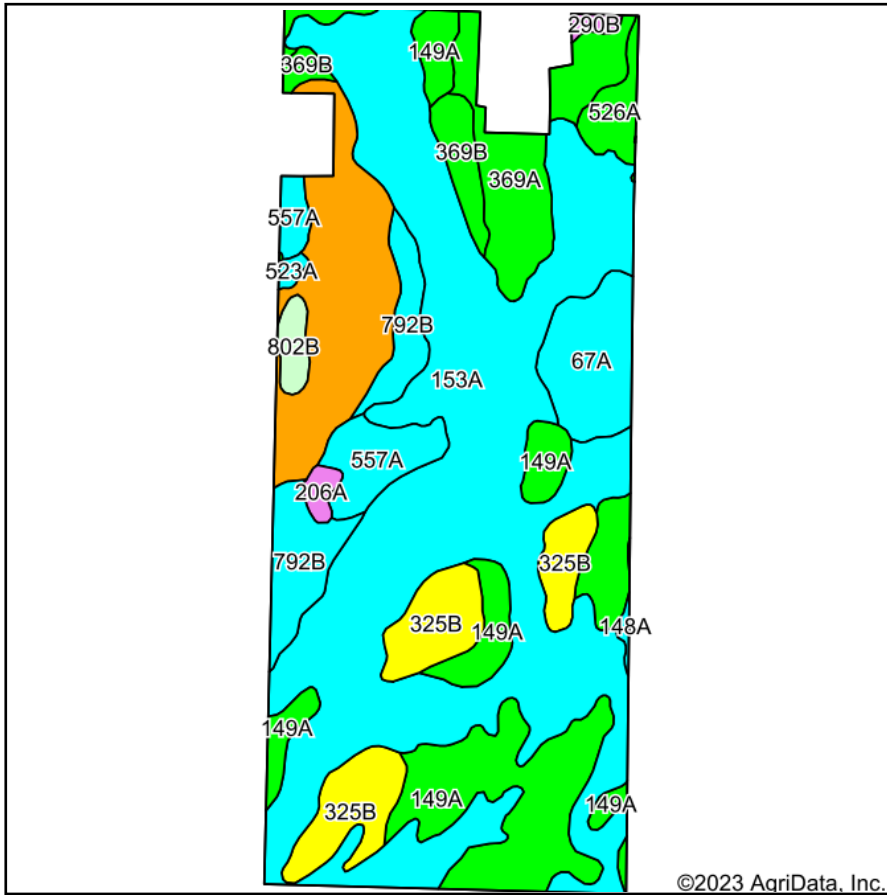
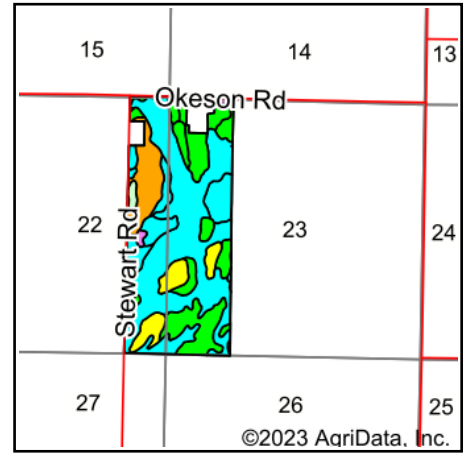


Soils Map - Total Acres



Soils data provided by USDA and NRCS.



State: **Illinois**
 County: **McHenry**
 Location: **22-46N-7E**
 Township: **Hebron**
 Acres: **248.2**
 Date: **9/19/2023**



Code	Soil Description	Acres	Percent of field	Il. State Productivity Index Legend	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Oats Bu/A ^b	Alfalfa ^d hay, T/A	Crop productivity index for optimum management
153A	Pella silty clay loam, cool, 0 to 2 percent slopes	114.43	46.1%		183	60	70	92	0.00	136
149A	Brenton silt loam, 0 to 2 percent slopes	37.15	15.0%		195	60	74	105	0.00	141
**323C2	Casco loam, 4 to 6 percent slopes, eroded	21.88	8.8%		**130	**43	**51	**60	**2.68	**96
**325B	Dresden silt loam, 2 to 4 percent slopes	17.31	7.0%		**156	**50	**60	**81	**4.10	**115
369A	Waupecan silt loam, 0 to 2 percent slopes	14.19	5.7%		189	59	74	102	6.90	139
**792B	Bowes silt loam, 2 to 4 percent slopes	11.38	4.6%		**174	**56	**70	**95	**7.31	**129
67A	Harpster silty clay loam, 0 to 2 percent slopes	10.26	4.1%		182	57	68	89	0.00	133
557A	Millstream silt loam, 0 to 2 percent slopes	8.10	3.3%		179	56	69	93	0.00	130
**369B	Waupecan silt loam, 2 to 4 percent slopes	4.89	2.0%		**187	**58	**73	**101	**6.83	**138
526A	Grundelein silt loam, 0 to 2 percent slopes	3.50	1.4%		186	61	71	98	0.00	138
802B	Orthents, loamy, undulating	2.12	0.9%						.00	
206A	Thorp silt loam, 0 to 2 percent slopes	1.21	0.5%		170	55	66	88	0.00	126
**290B	Warsaw loam, 2 to 4 percent slopes	0.77	0.3%		**159	**51	**63	**81	**5.09	**118
523A	Dunham silty clay loam, 0 to 2 percent slopes	0.58	0.2%		177	58	69	90	0.00	132
148A	Proctor silt loam, 0 to 2 percent slopes	0.43	0.2%		185	58	70	99	6.40	135

	Weighted Average	176.4	56.7	67.8	90.4	1.40	130.1
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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

b Soils in the southern region were not rated for oats 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".

Soils data provided by USDA and NRCS. Soils data provided by University of Illinois at Champaign-Urbana.