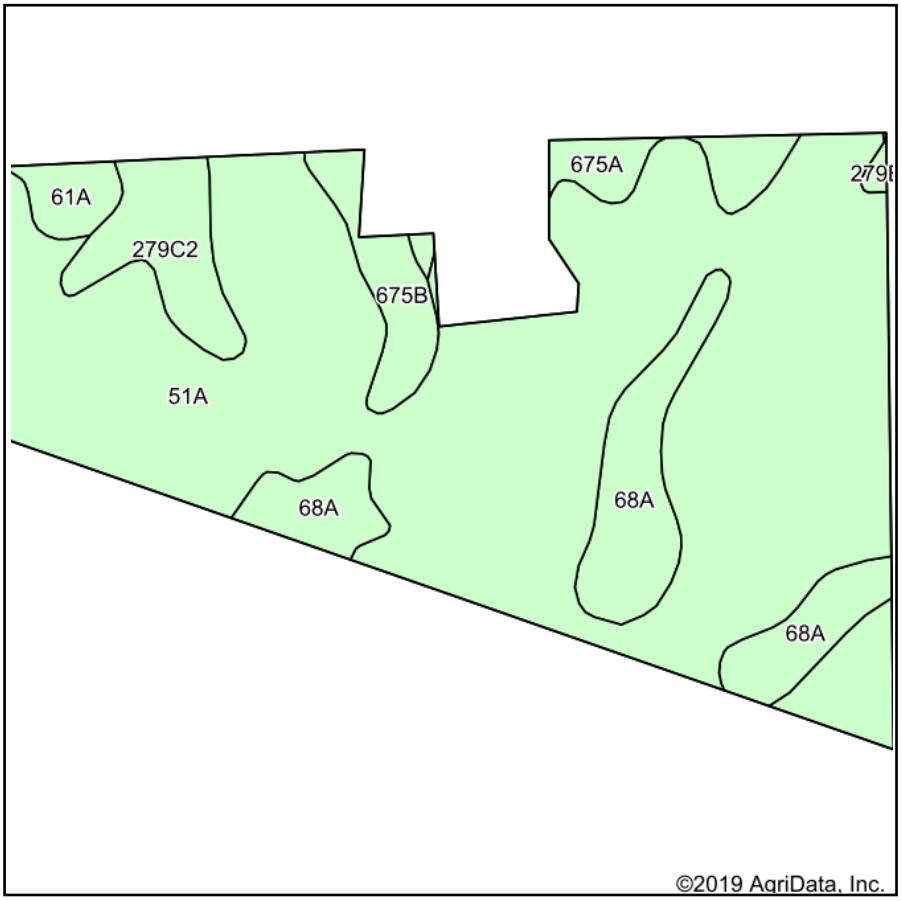
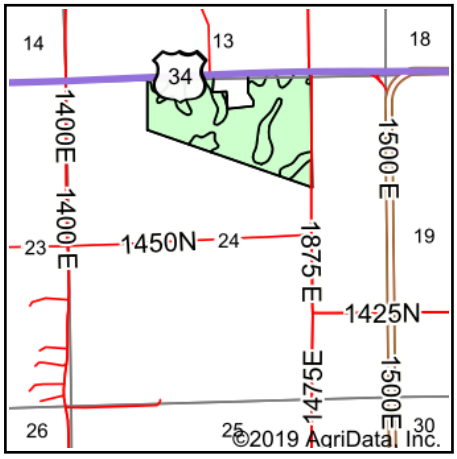
Soils Map





State: **Illinois**
County: **Henderson**
Location: **24-10N-5W**
Township: **Gladstone**
Acres: **76.66**
Date: **8/13/2019**

Maps Provided By:
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Soils data provided by USDA and NRCS.

Area Symbol: IL071, 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
51A	Muscatune silt loam, 0 to 2 percent slopes	57.80	75.4%		FAV	200	64	75	104	138	0.00	6.02	147
68A	Sable silty clay loam, 0 to 2 percent slopes	8.76	11.4%		FAV	192	63	74	99	0	0.00	5.77	143
**279C2	Rozetta silt loam, 5 to 10 percent slopes, eroded	3.73	4.9%		FAV	**153	**47	**60	**78	0	**4.90	0.00	**112
**675B	Greenbush silt loam, 2 to 5 percent slopes	2.59	3.4%		FAV	**182	**57	**69	**96	0	0.00	**5.34	**133
675A	Greenbush silt loam, 0 to 2 percent slopes	2.28	3.0%		FAV	184	58	70	97	0	0.00	5.39	134
61A	Atterberry silt loam, 0 to 2 percent slopes	1.32	1.7%		FAV	182	56	71	98	0	0.00	5.52	132
**279B	Rozetta silt loam, 2 to 5 percent slopes	0.18	0.2%		FAV	**162	**50	**64	**83	0	**5.22	0.00	**119
					Weighted Average	**195.3**	**62.5**	**73.7**	**101.5**	**104**	**0.25**	**5.63**	**143.7**

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.