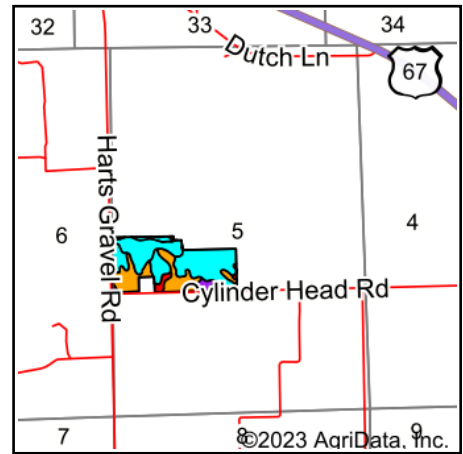
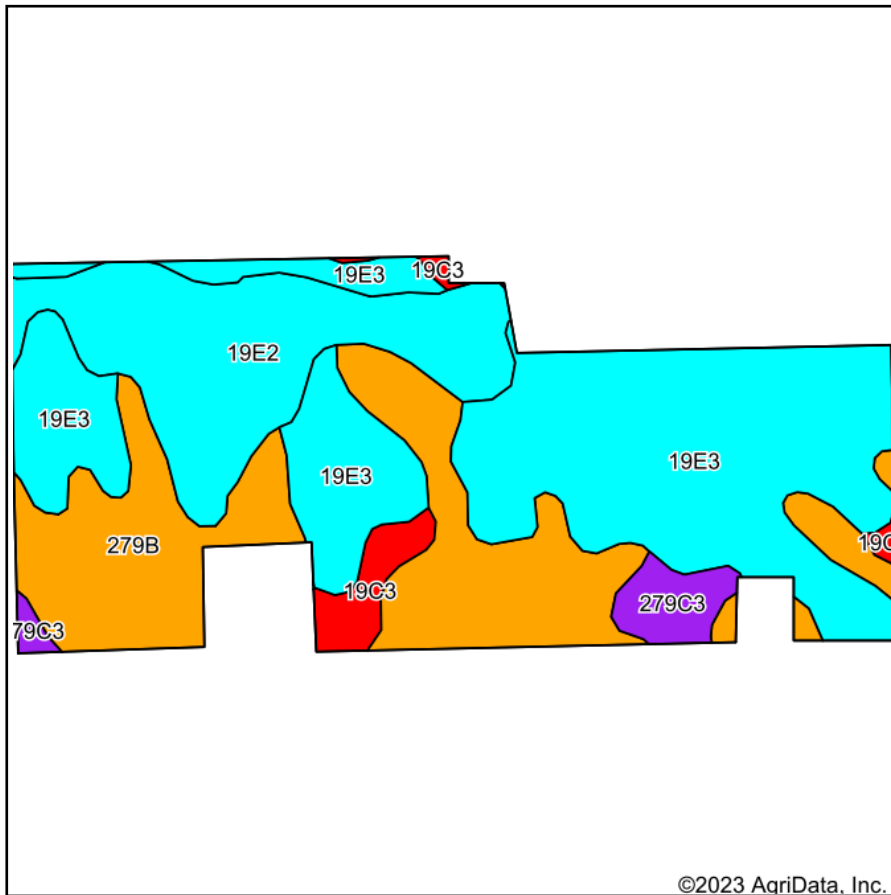


Soils Map



State: **Illinois**
 County: **Morgan**
 Location: **5-15N-12W**
 Township: **Chapin**
 Acres: **59.44**
 Date: **1/10/2023**



Soils data provided by USDA and NRCS.

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Area Symbol: IL137, Soil Area Version: 13

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
**19E3	Sylvan silty clay loam, 18 to 25 percent slopes, severely eroded	26.81	45.1%		FAV	**103	**33	**41	**48	0	**2.73	0.00	**75
**279B	Rozetta silt loam, 2 to 5 percent slopes	16.89	28.4%		FAV	**162	**50	**64	**83	0	**5.22	0.00	**119
**19E2	Sylvan silt loam, 18 to 25 percent slopes, eroded	11.99	20.2%		FAV	**113	**37	**45	**53	0	**3.01	0.00	**83
**279C3	Rozetta silty clay loam, 5 to 10 percent slopes, severely eroded	1.88	3.2%		FAV	**141	**44	**56	**72	0	**4.53	0.00	**103
**19C3	Sylvan silty clay loam, 5 to 10 percent slopes, severely eroded	1.87	3.1%		FAV	**130	**42	**52	**60	0	**3.45	0.00	**95
Weighted Average						123.8	39.3	49.2	60.1	*	3.57	0.00	90.6

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".

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