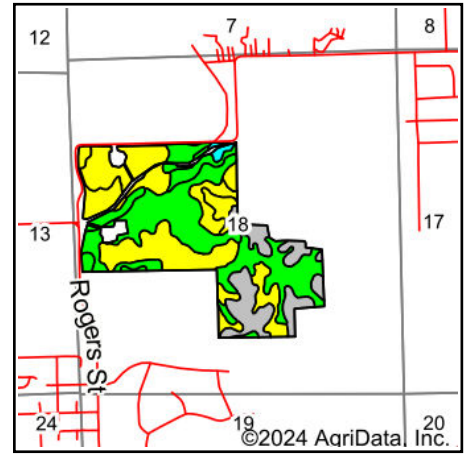
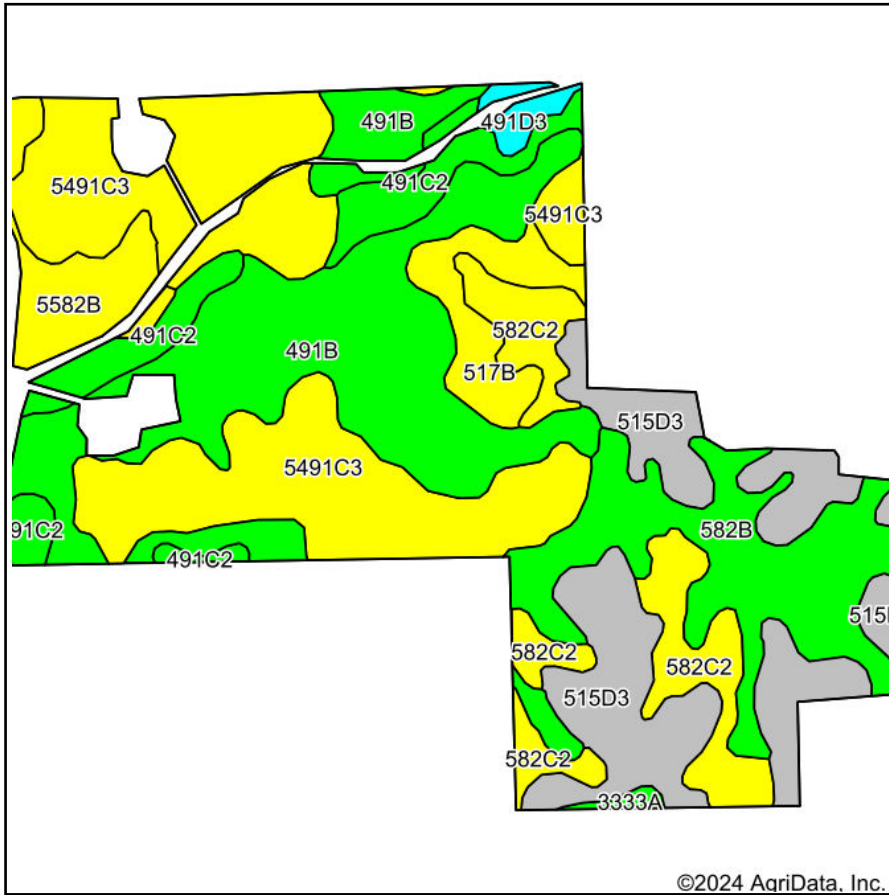


Soils Map



State: **Illinois**
 County: **Monroe**
 Location: **18-2S-9W**
 Township: **Precinct 7**
 Acres: **155.87**
 Date: **9/13/2024**



Maps Provided By:

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Soils data provided by USDA and NRCS.

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Area Symbol: IL133, 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	Grass-leg ume e hay, T/A	Crop productivity index for optimum management
**5491C3	Ruma silty clay loam, karst, 5 to 12 percent slopes, severely eroded	39.85	25.6%		FAV	**136	**41	**50	0	**103	**4.20	**98
**491B	Ruma silt loam, 2 to 5 percent slopes	35.31	22.7%		FAV	**159	**47	**59	0	**120	**4.80	**114
**515D3	Bunkum silty clay loam, 10 to 18 percent slopes, severely eroded	23.30	14.9%		FAV	**115	**40	**44	0	**89	**3.10	**87
**582B	Homen silt loam, 2 to 5 percent slopes	19.76	12.7%		FAV	**149	**47	**55	0	**113	**3.80	**108
**582C2	Homen silt loam, 5 to 10 percent slopes, eroded	13.14	8.4%		FAV	**140	**44	**52	0	**106	**3.50	**101
**491C2	Ruma silt loam, 5 to 10 percent slopes, eroded	9.50	6.1%		FAV	**151	**45	**56	0	**113	**4.60	**108

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



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	Grass-legume e hay, T/A	Crop productivity index for optimum management
**5582B	Homen silt loam, karst, 2 to 5 percent slopes	7.03	4.5%		FAV	**147	**46	**55	0	**112	**3.70	**107
**517B	Marine silt loam, 2 to 5 percent slopes	6.06	3.9%		FAV	**143	**45	**55	0	**112	**3.40	**103
**491D3	Ruma silty clay loam, 10 to 18 percent slopes, severely eroded	1.43	0.9%		FAV	**126	**38	**47	0	**96	**3.90	**91
**3333A	Wakeland silt loam, 0 to 2 percent slopes, frequently flooded	0.49	0.3%		FAV	**157	**50	**61	**77	0	**4.60	**115
Weighted Average						141.7	43.8	52.7	0.2	107.3	4	102.7

Table: Optimum Crop Productivity Ratings for Illinois Soil EFOTG are sourced from Bulletin 811 calculated Map Unit Base Yield Indices, and adjusted (Adj) for slope, erosion, flooding, and surface texture. Publication Date: 02-08-2023

Crop yields and productivity (B811 EFOTG) are maintained at the following USDA web site: 2023 Illinois Soil Productivity and Yield Indices: <https://efotg.sc.egov.usda.gov/#/state/IL/documents/section=2&folder=52809>

** Base indexes from Bulletin 811 adjusted for slope, erosion, flooding, and surface texture according to the Il. Soils EFOTG

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".

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