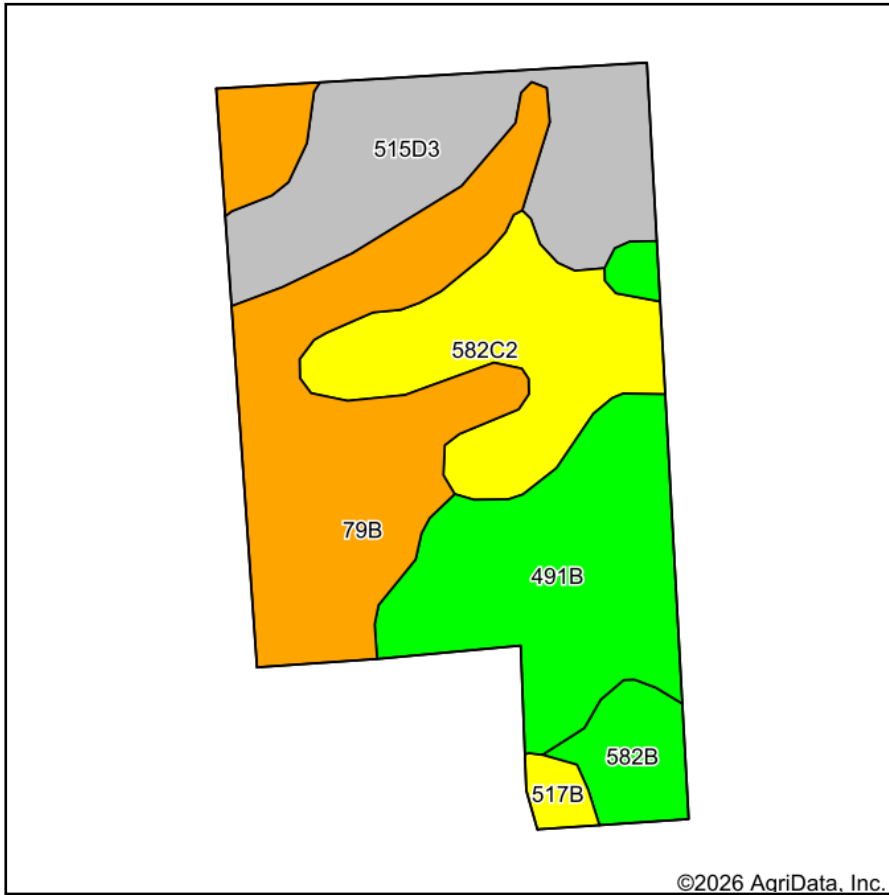
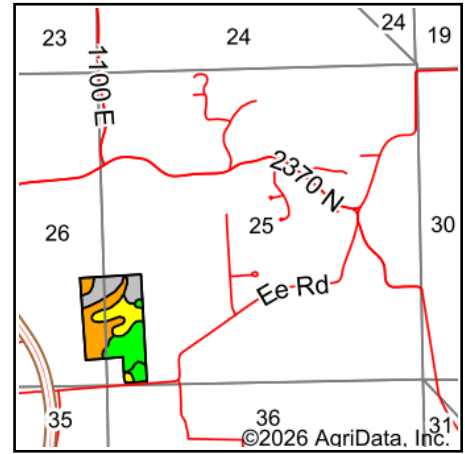


# Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**  
 County: **Monroe**  
 Location: **25-1S-10W**  
 Township: **Precinct 21**  
 Acres: **34.71**  
 Date: **5/14/2026**



Area Symbol: IL133, Soil Area Version: 18

Code	Soil Description	Acres	Percent of field	Il. State Productivity Index Legend	Subsoil rooting <sup>a</sup>	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Oats Bu/A <sup>b</sup>	Sorghum <sup>c</sup> Bu/A	Grass-legume <sup>e</sup> hay, T/A	Crop productivity index for optimum management
**79B	Menfro silt loam, 2 to 5 percent slopes	11.01	31.8%		FAV	**162	**50	**62	0	**120	**5.00	**118
**491B	Ruma silt loam, 2 to 5 percent slopes	8.13	23.4%		FAV	**159	**47	**59	0	**120	**5.00	**114
**515D3	Bunkum silty clay loam, 10 to 18 percent slopes, severely eroded	7.33	21.1%		FAV	**115	**40	**44	0	**89	**3.00	**87
**582C2	Homen silt loam, 5 to 10 percent slopes, eroded	6.01	17.3%		FAV	**140	**44	**52	0	**106	**4.00	**101
**582B	Homen silt loam, 2 to 5 percent slopes	1.71	4.9%		FAV	**149	**47	**55	0	**113	**4.00	**108
**517B	Marine silt loam, 2 to 5 percent slopes	0.52	1.5%		FAV	**143	**45	**55	0	**112	**3.00	**103
<b>Weighted Average</b>						<b>146.6</b>	<b>45.9</b>	<b>55.3</b>	<b>*-</b>	<b>110.6</b>	<b>4.3</b>	<b>106.9</b>

**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 II. 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".