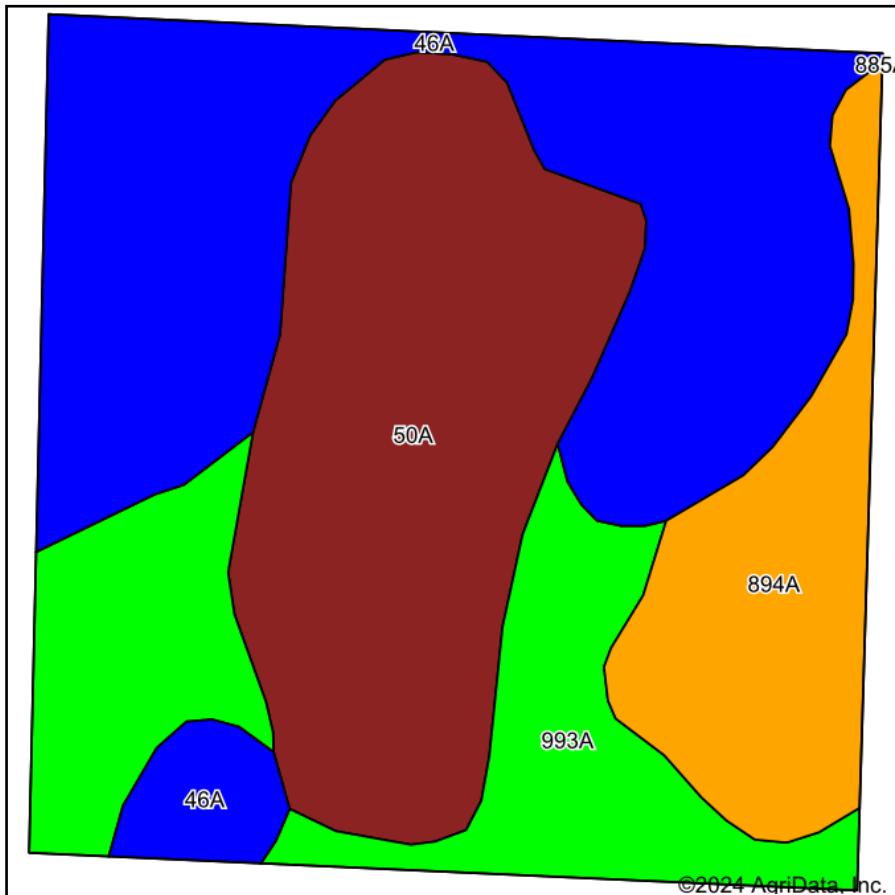
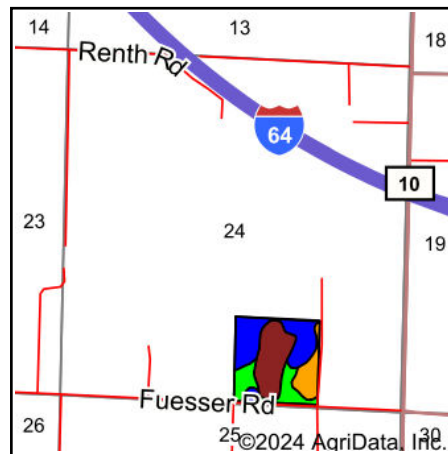


# Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**  
 County: **St. Clair**  
 Location: **24-1N-6W**  
 Township: **Mascoutah**  
 Acres: **38.88**  
 Date: **9/30/2024**



Area Symbol: IL163, Soil Area Version: 15												
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
46A	Herrick silt loam, 0 to 2 percent slopes	14.36	37.0%		FAV	181	58	73	94	0	5.50	133
**50A	Virden silt loam, 0 to 2 percent slopes	11.75	30.2%		FAV	**188	**61	**76	**95	0	**5.50	**139
993A	Cowden-Piasa silt loams, 0 to 2 percent slopes	7.59	19.5%		FAV	148	49	58	33	60	4.50	111
894A	Herrick-Biddle-Piasa silt loams, 0 to 2 percent slopes	5.18	13.3%		FAV	158	52	63	78	0	5.00	118
<b>Weighted Average</b>						<b>173.6</b>	<b>56.4</b>	<b>69.6</b>	<b>80.3</b>	<b>11.7</b>	<b>5.2</b>	<b>128.5</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 Il. Soils EFOTG

<sup>b</sup> Soils in the southern region were not rated for oats and are shown with a zero "0".

<sup>c</sup> Soils in the northern region or in both regions were not rated for grain sorghum and are shown with a zero "0".

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