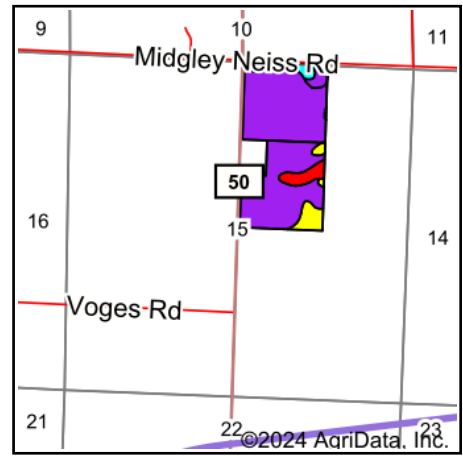
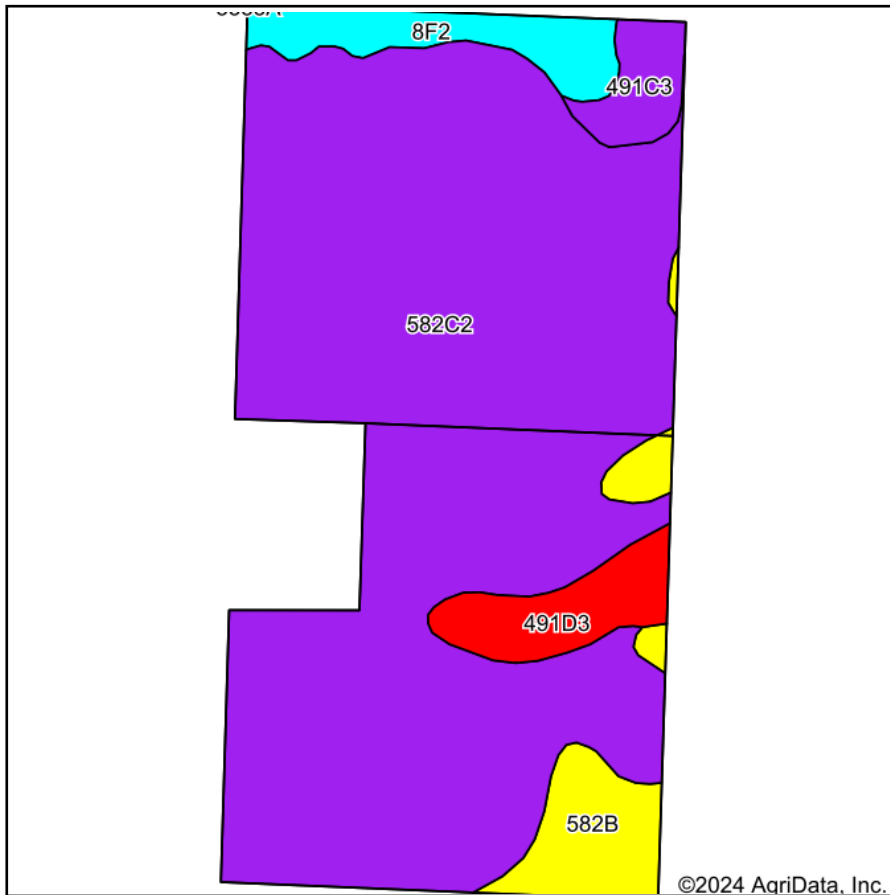


# Soils Map



State: **Illinois**  
 County: **St. Clair**  
 Location: **15-2N-6W**  
 Township: **Lebanon**  
 Acres: **72.87**  
 Date: **9/12/2024**



Soils data provided by USDA and NRCS.

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-le gume <sup>e</sup> hay, T/A	Crop productivity index for optimum management	*n NCCPI Soybeans
**582C2	Homen silt loam, 5 to 10 percent slopes, eroded	59.60	81.9%		FAV	**140	**44	**52	0	**106	**3.50	**101	64
**582B	Homen silt loam, 2 to 5 percent slopes	4.54	6.2%		FAV	**149	**47	**55	0	**113	**3.80	**108	73
**8F2	Hickory silt loam, 18 to 35 percent slopes, eroded	3.53	4.8%		FAV	**82	**28	**34	**38	0	**2.70	**63	10
**491D3	Ruma silty clay loam, 10 to 18 percent slopes, severely eroded	3.27	4.5%		FAV	**126	**38	**47	0	**96	**3.90	**91	54
**491C3	Ruma silty clay loam, 5 to 10 percent slopes, severely eroded	1.93	2.6%		FAV	**138	**41	**51	0	**104	**4.20	**99	60

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 <b>a</b>	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Oats Bu/A <b>b</b>	Sorghum <b>c</b> Bu/A	Grass-legume <b>e</b> hay, T/A	Crop productivity index for optimum management	*n NCCPI Soybeans
<b>Weighted Average</b>						<b>137.1</b>	<b>43.1</b>	<b>51.1</b>	<b>1.8</b>	<b>100.8</b>	<b>3.5</b>	<b>99.1</b>	<b>*n 61.4</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

**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".

\*n: The aggregation method is "Weighted Average using all components"