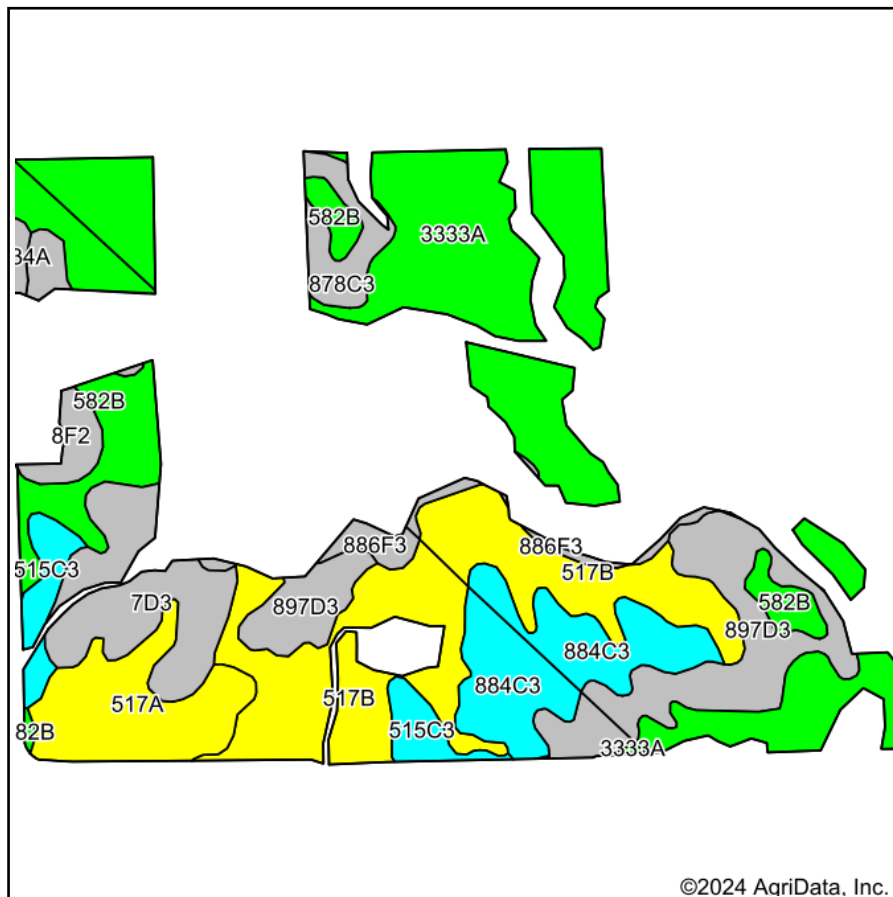
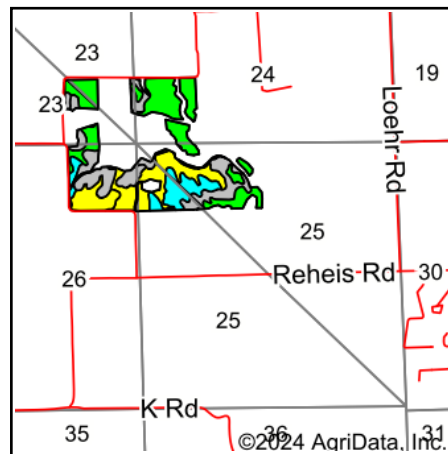


# Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**  
 County: **St. Clair**  
 Location: **25-2S-9W**  
 Township: **Millstadt**  
 Acres: **118.5**  
 Date: **8/21/2024**



Maps Provided By:  
  
 CUSTOMIZED ONLINE MAPPING  
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Area Symbol: IL133, Soil Area Version: 16  
 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-leg ume <sup>e</sup> hay, T/A	Crop productivity index for optimum management
**3333A	Wakeland silt loam, 0 to 2 percent slopes, frequently flooded	31.52	26.4%		FAV	**157	**50	**61	**77	0	**4.60	**115
**517B	Marine silt loam, 2 to 5 percent slopes	13.00	11.0%		FAV	**143	**45	**55	0	**112	**3.40	**103
**7D3	Atlas silty clay loam, 10 to 18 percent slopes, severely eroded	9.13	7.7%		UNF	**79	**28	**31	**36	0	**2.40	**61
**897D3	Bunkum-Atlas silty clay loams, 10 to 18 percent slopes, severely eroded	8.86	7.5%		FAV	**97	**34	**38	**18	**45	**1.50	**74
**517B	Marine silt loam, 2 to 5 percent slopes	8.60	7.3%		FAV	**143	**45	**55	0	**112	**3.40	**103
517A	Marine silt loam, 0 to 2 percent slopes	8.46	7.1%		FAV	144	45	56	0	113	3.40	104

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

Code	Soil Description	Acres	Percent of field	II. 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 c Bu/A	Grass-leg ume e hay, T/A	Crop productivity index for optimum management
**884C3	Bunkum-Coulterville silty clay loams, 5 to 10 percent slopes, severely eroded	5.45	4.6%		FAV	**119	**40	**45	0	**88	**1.50	**88
**582B	Homen silt loam, 2 to 5 percent slopes	5.21	4.4%		FAV	**149	**47	**55	0	**113	**3.80	**108
**884C3	Bunkum-Coulterville silty clay loams, 5 to 10 percent slopes, severely eroded	5.09	4.3%		FAV	**119	**40	**45	0	**88	**1.50	**88
**897D3	Bunkum-Atlas silty clay loams, 10 to 18 percent slopes, severely eroded	4.83	4.1%		FAV	**97	**34	**38	**18	**45	**1.50	**74
**515C3	Bunkum silty clay loam, 5 to 10 percent slopes, severely eroded	4.10	3.5%		FAV	**126	**43	**48	0	**97	**3.40	**95
**3333A	Wakeland silt loam, 0 to 2 percent slopes, frequently flooded	3.06	2.6%		FAV	**157	**50	**61	**77	0	**4.60	**115
**878C3	Coulterville-Grantfork silty clay loams, 5 to 10 percent slopes, severely eroded	2.89	2.4%		UNF	**97	**33	**36	0	**74	**2.50	**73
**582B	Homen silt loam, 2 to 5 percent slopes	2.51	2.1%		FAV	**149	**47	**55	0	**113	**3.80	**108
**886F3	Ruma-Ursa silty clay loams, 18 to 35 percent slopes, severely eroded	2.26	1.9%		FAV	**75	**24	**29	**12	**37	**1.50	**55
**8F2	Hickory silt loam, 18 to 35 percent slopes, eroded	1.72	1.5%		FAV	**82	**28	**34	**38	0	**2.70	**63
**886F3	Ruma-Ursa silty clay loams, 18 to 35 percent slopes, severely eroded	1.01	0.9%		FAV	**75	**24	**29	**12	**37	**1.50	**55
**1334A	Birds silt loam, undrained, 0 to 2 percent slopes, frequently flooded	0.80	0.7%		FAV	**79	**26	**31	**38	0	**2.50	**59
Weighted Average						130.3	42.2	50.2	28.5	55.1	3.2	95.8

**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".