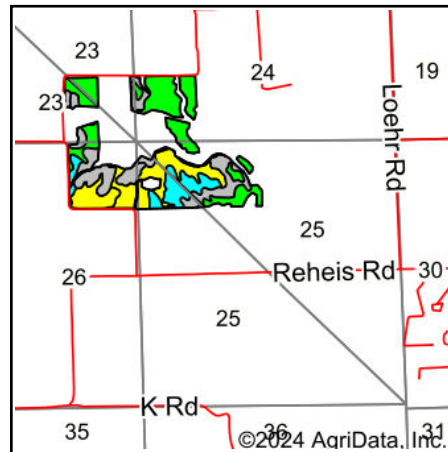
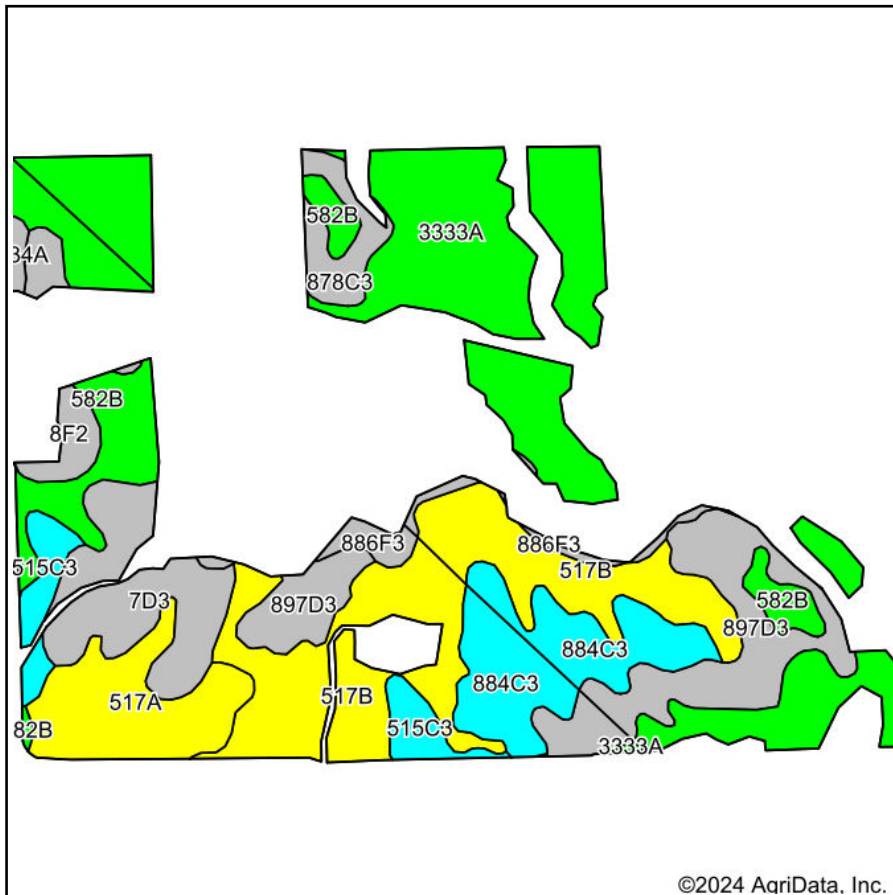


Soils Map



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



Soils data provided by USDA and NRCS.

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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 ^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
**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 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
**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".