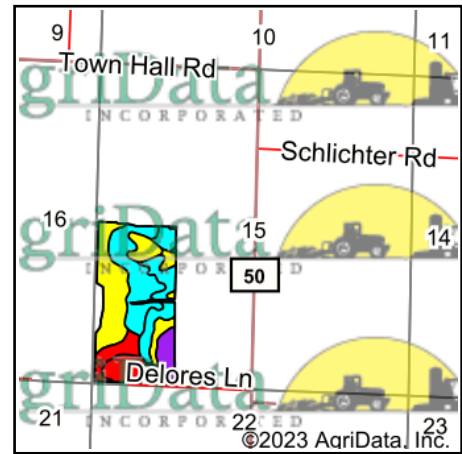
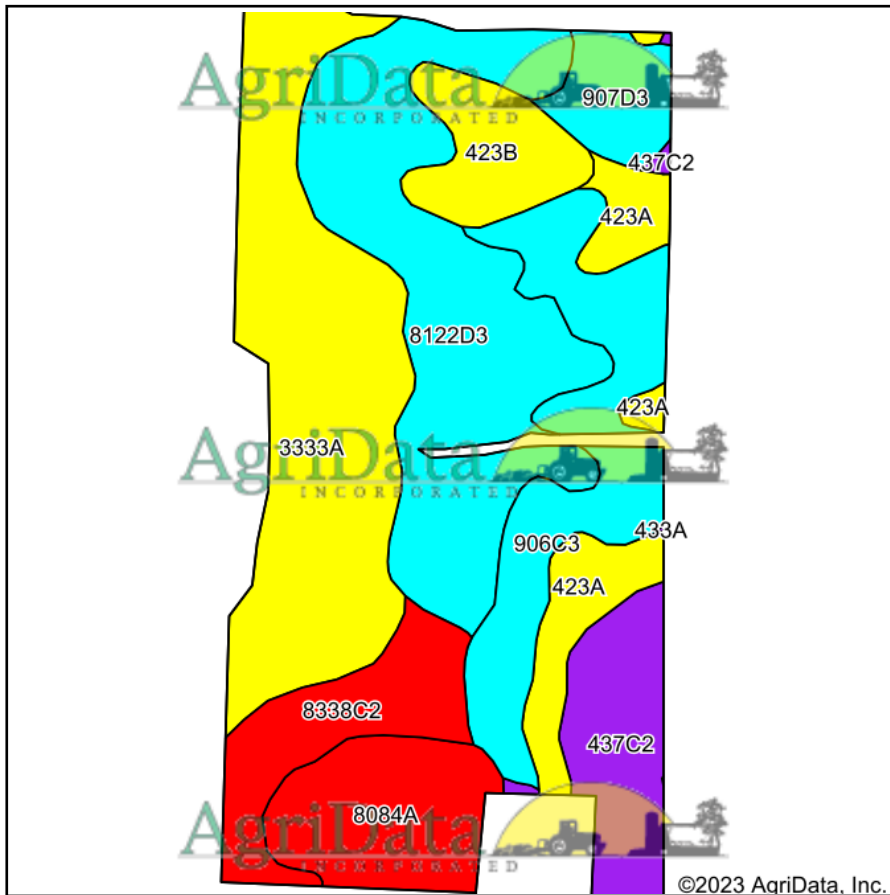


Soils Map



State: **Illinois**
 County: **St. Clair**
 Location: **15-1S-6W**
 Township: **Engelmann**
 Acres: **78.45**
 Date: **11/29/2023**

Maps Provided By:

 CUSTOMIZED ONLINE MAPPING
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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	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Oats Bu/A b	Sorghum c Bu/A	Alfalfa d hay, T/A	Grass-legume e hay, T/A	Crop productivity index for optimum management
**8122D3	Colp silty clay loam, 10 to 18 percent slopes, severely eroded, occasionally flooded	18.82	24.0%		**89	**28	**37	**47	0	0.00	**2.85	**65
**3333A	Wakeland silt loam, 0 to 2 percent slopes, frequently flooded	18.72	23.9%		**157	**50	**61	**77	0	0.00	**4.59	**115
**906C3	Redbud-Hurst silty clay loams, 5 to 10 percent slopes, severely eroded	10.34	13.2%		**117	**37	**48	**22	**55	**2.19	**1.32	**87
8084A	Okaw silt loam, 0 to 2 percent slopes, occasionally flooded	6.56	8.4%		129	42	55	66	0	0.00	3.80	96
**8338C2	Hurst silty clay loam, 5 to 10 percent slopes, eroded, occasionally flooded	5.91	7.5%		**129	**42	**53	**65	0	0.00	**3.94	**96
**437C2	Redbud silt loam, 5 to 10 percent slopes, eroded	5.83	7.4%		**144	**45	**59	0	**107	**4.28	0.00	**106
423A	Millstadt silt loam, 0 to 2 percent slopes	5.19	6.6%		155	46	55	0	115	0.00	5.00	110
**423B	Millstadt silt loam, 2 to 5 percent slopes	4.20	5.4%		**152	**45	**54	0	**113	0.00	**4.90	**108
**907D3	Redbud-Colp silty clay loams, 10 to 18 percent slopes, severely eroded	2.88	3.7%		**107	**33	**44	**21	**50	**2.01	**1.25	**79
Weighted Average					127.8	40.2	50.9	43.7	30.7	0.7	3.2	93.6

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>

- 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".
 - d** Soils in the poorly drained group were not rated for alfalfa 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".
- Soils data provided by USDA and NRCS. Soils data provided by University of Illinois at Champaign-Urbana.