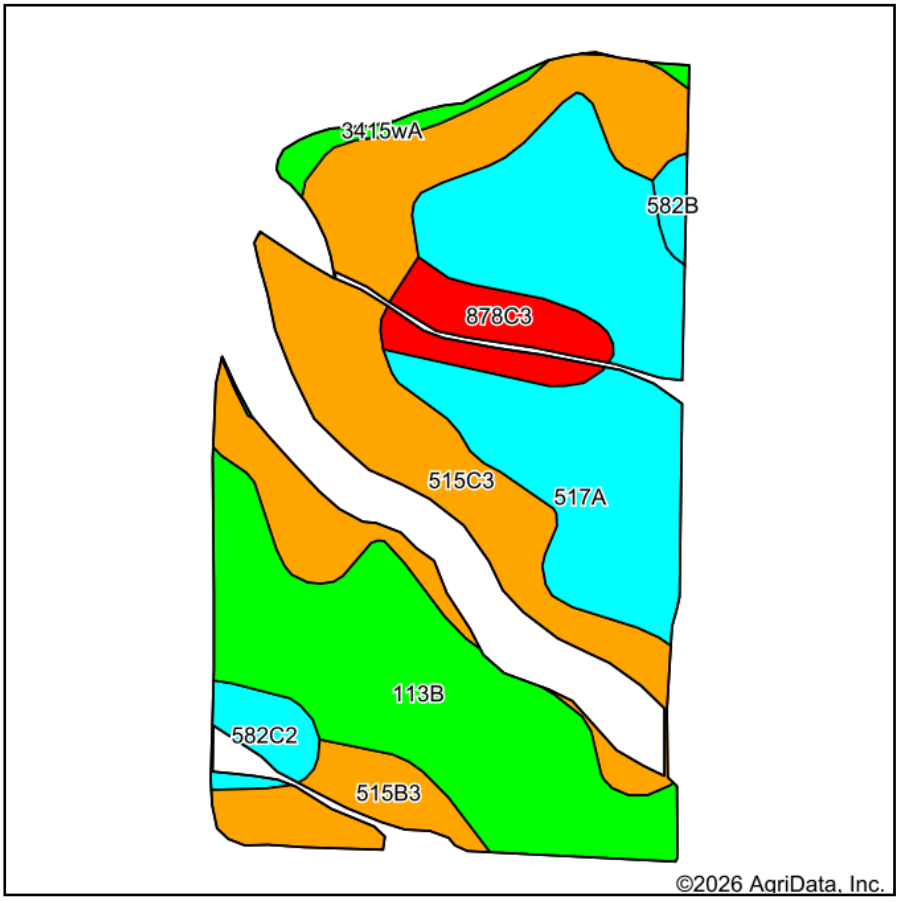
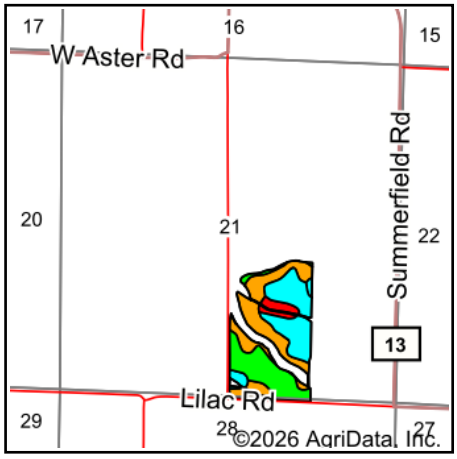
Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**
County: **Madison**
Location: **21-3N-6W**
Township: **St. Jacob**
Acres: **51.75**
Date: **9/7/2026**

FIRST ILLINOIS AG GROUP

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N W E S

Area Symbol: IL119, Soil Area Version: 20

Code	Soil Description	Acres	Percent of field	Il. State Productivity Index Legend	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Sorghum *c* Bu/A	Grass-legume *e* hay, T/A	Crop productivity index for optimum management
**515C3	Bunkum silty clay loam, 5 to 10 percent slopes, severely eroded	15.84	30.6%		**126	**43	**48	**97	**3.00	**95
517A	Marine silt loam, 0 to 2 percent slopes	14.62	28.3%		144	45	56	113	3.00	104
**113B	Oconee silt loam, 2 to 5 percent slopes	12.69	24.5%		**162	**50	**62	**118	**5.00	**118
**515B3	Bunkum silty clay loam, 2 to 5 percent slopes, severely eroded	2.96	5.7%		**128	**44	**49	**99	**3.00	**97
**878C3	Coulterville-Grantfork silty clay loams, 5 to 10 percent slopes, severely eroded	2.90	5.6%		**99	**33	**36	**75	**3.00	**74
**582C2	Homen silt loam, 5 to 10 percent slopes, eroded	1.34	2.6%		**140	**44	**52	**106	**4.00	**101
**3415wA	Orion silt loam, warm mesic, 0 to 2 percent slopes, frequently flooded	0.94	1.8%		**162	**51	**59	0	**5.00	**118
**582B	Homen silt loam, 2 to 5 percent slopes	0.46	0.9%		**149	**47	**55	**113	**4.00	**108
				Weighted Average	**139.7**	**45**	**53.4**	**104.2**	**3.6**	**102.8**

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

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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
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".