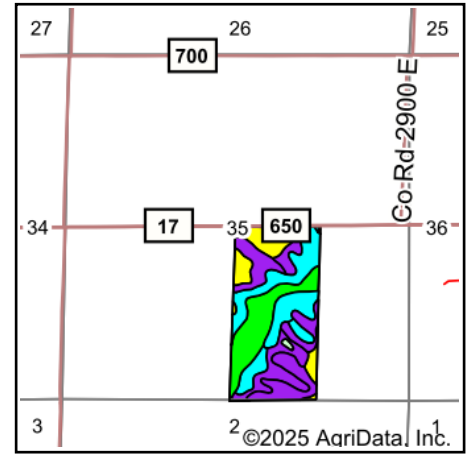
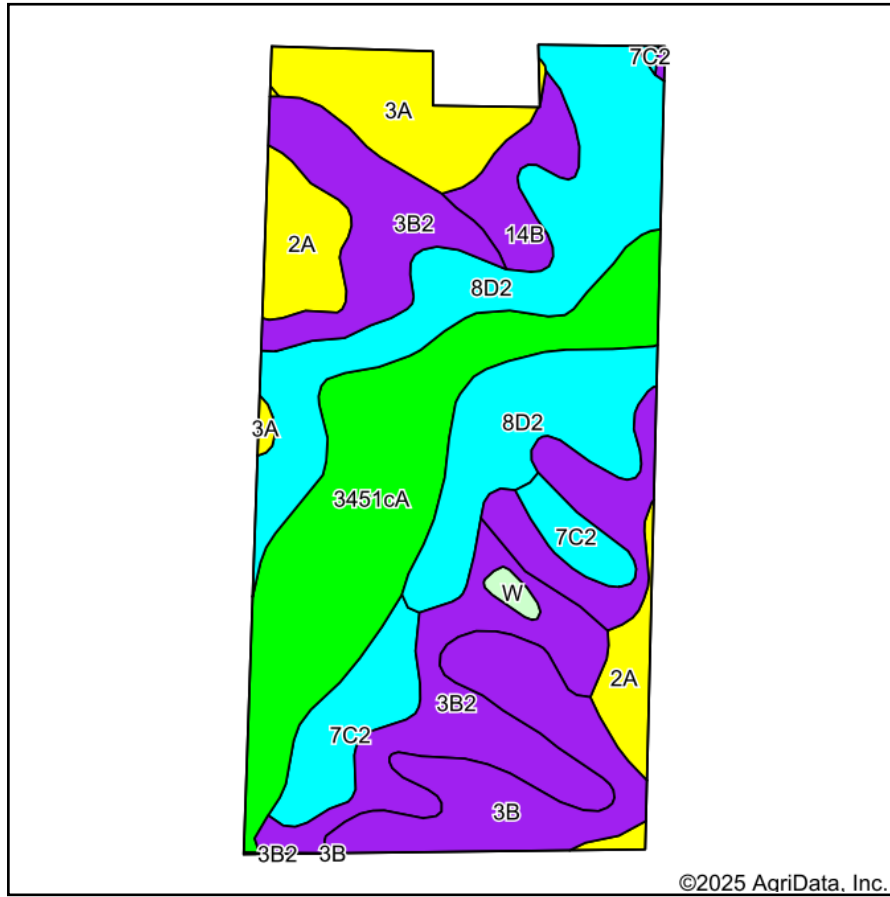


Soils Map



State: **Illinois**
 County: **Fayette**
 Location: **35-5N-4E**
 Township: **La Clede**
 Acres: **81.15**
 Date: **11/1/2025**

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Area Symbol: IL051, Soil Area Version: 21
 Area Symbol: IL121, Soil Area Version: 22

Code	Soil Description	Acres	Percent of field	Il. State Productivity Index Legend	Restrictive Layer	Soil Drainage	*Subsoil rooting a	*Corn Bu/A	*Soybeans Bu/A	*Wheat Bu/A	*Oats Bu/A b	*Grass-legume hay, T/A	*Crop productivity index for optimum management	*n NCCP Overall
**8D2	Hickory silt loam, 10 to 18 percent slopes, eroded	19.62	24.2%		> 6.5ft.	Well drained	FAV	**107	**37	**44	**50	**4.00	**82	
**3451cA	Lawson silt loam, cool mesic, 0 to 2 percent slopes, frequently flooded	16.42	20.2%		> 6.5ft.	Somewhat poorly drained	FAV	**190	**61	**73	**97	**5.56	**140	
**3B2	Hoyleton silt loam, 2 to 5 percent slopes, eroded	14.27	17.6%		0.6ft. (Abrupt textural change)	Somewhat poorly drained	FAV	**139	**44	**55	0	**4.00	**103	
**3B	Hoyleton silt loam, 2 to 5 percent slopes	7.90	9.7%		0.9ft. (Abrupt textural change)	Somewhat poorly drained	FAV	**145	**46	**57	0	**5.00	**107	

Code	Soil Description	Acres	Percent of field	II. State Productivity Index Legend	Restrictive Layer	Soil Drainage	*Subsoil rooting a	*Corn Bu/A	*Soybeans Bu/A	*Wheat Bu/A	*Oats Bu/A b	*Grass-legume c hay, T/A	*Crop productivity index for optimum management	*n NCCP Overall
3A	Hoyleton silt loam, 0 to 2 percent slopes	5.32	6.6%		0.9ft. (Abrupt textural change)	Somewhat poorly drained	FAV	146	46	58	0	5.00	108	
**7C2	Atlas silt loam, 5 to 10 percent slopes, eroded	5.29	6.5%		> 6.5ft.	Somewhat poorly drained	UNF	**104	**36	**41	**48	**3.00	**80	
2A	Cisne silt loam, 0 to 2 percent slopes	5.00	6.2%		1.4ft. (Abrupt textural change)	Poorly drained	FAV	149	46	59	0	5.00	109	
**13B	Bluford silt loam, 2 to 5 percent slopes	4.07	5.0%		1.6ft. (Abrupt textural change)	Somewhat poorly drained	FAV	**135	**44	**54	0	**3.00	**100	
**14B	Ava silt loam, 2 to 5 percent slopes	2.79	3.4%		2.8ft. (Fragipan)	Moderately well drained	UNF	**134	**44	**54	0	**3.00	**99	
W	Water	0.40	0.5%		> 6.5ft.									
13A	Bluford silt loam, 0 to 2 percent slopes	0.07	0.1%		1.6ft. (Abrupt textural change)	Somewhat poorly drained	FAV	136	44	55	0	3.00	101	
Weighted Average								139.9	45.5	55.4	34.8	4.4	104.2	*n 75

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, 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>

* The flood/pond factor has been removed for B811 indexes and yields.

** Base indexes from Bulletin 811 adjusted for slope, erosion, 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".

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"