Soils Map

Soils data provided by USDA and NRCS.
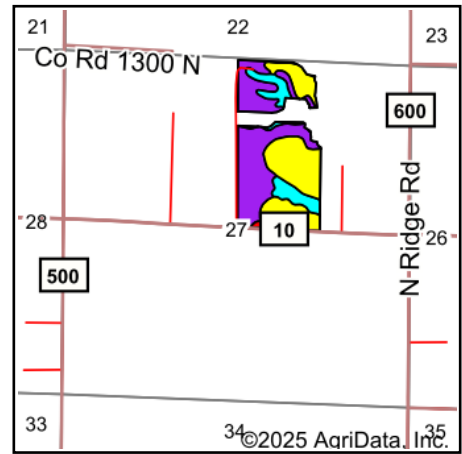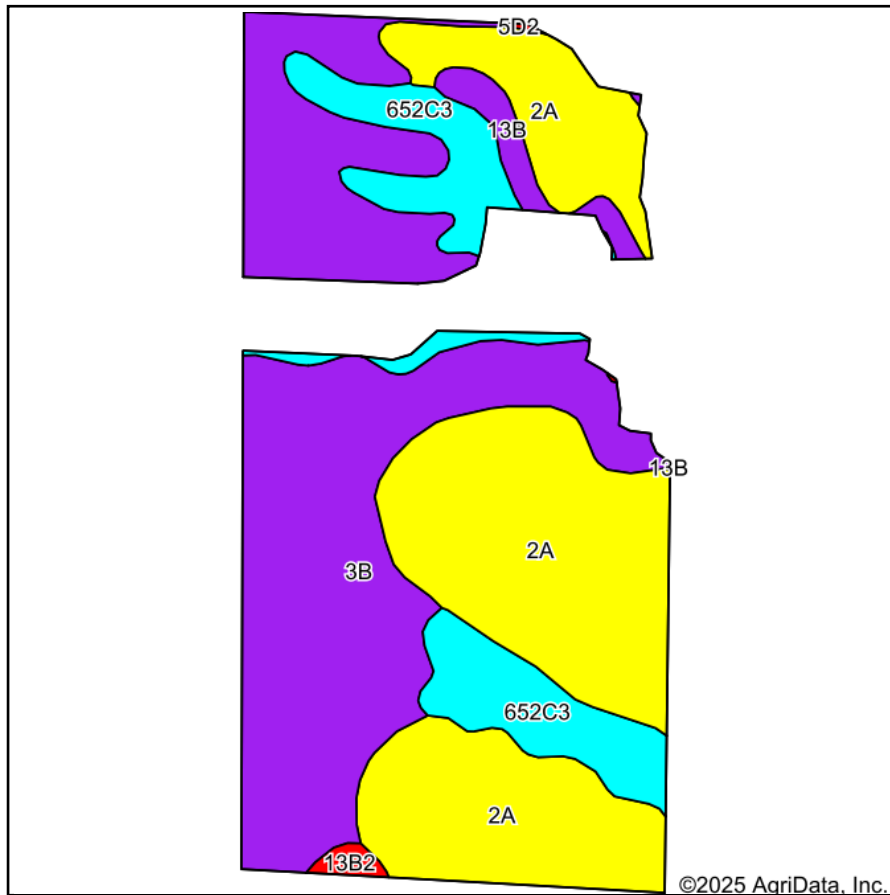

State: **Illinois**
County: **Richland**
Location: **27-4N-9E**
Township: **Noble**
Acres: **64.75**
Date: **4/16/2025**

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Area Symbol: IL159, Soil Area Version: 16

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-legume *e* hay, T/A	Crop productivity index for optimum management	*n NCCPI Overall	*n NCCPI Corn	*n NCCPI Small Grains
**3B	Hoyleton silt loam, 2 to 5 percent slopes	27.87	43.1%		FAV	**145	**46	**57	0	**113	**5.00	**107	77	77	67
2A	Cisne silt loam, 0 to 2 percent slopes	26.51	40.9%		FAV	149	46	59	0	113	5.00	109	79	79	70
**652C3	Passport silty clay loam, 5 to 10 percent slopes, severely eroded	8.57	13.2%		FAV	**107	**36	**46	**53	0	**4.00	**81	67	67	54
**13B	Bluford silt loam, 2 to 5 percent slopes	1.44	2.2%		FAV	**135	**44	**54	0	**109	**3.00	**100	66	62	66
**13B2	Bluford silt loam, 2 to 5 percent slopes, eroded	0.36	0.6%		FAV	**129	**42	**52	0	**105	**3.00	**96	51	48	51
					Weighted Average	141.3	44.6	56.3	7	97.9	4.8	104.2	*n 76.1	*n 76	*n 66.4

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

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: 01-28-2025

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

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".

*n: The aggregation method is "Weighted Average using all components"