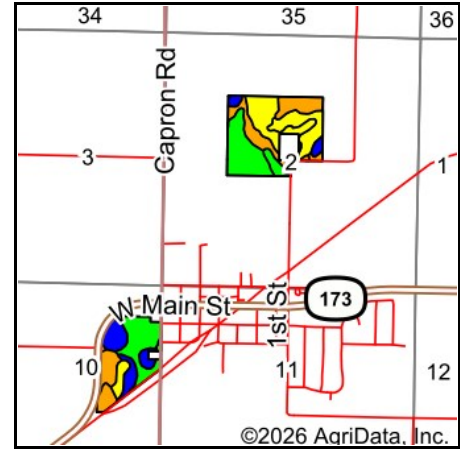
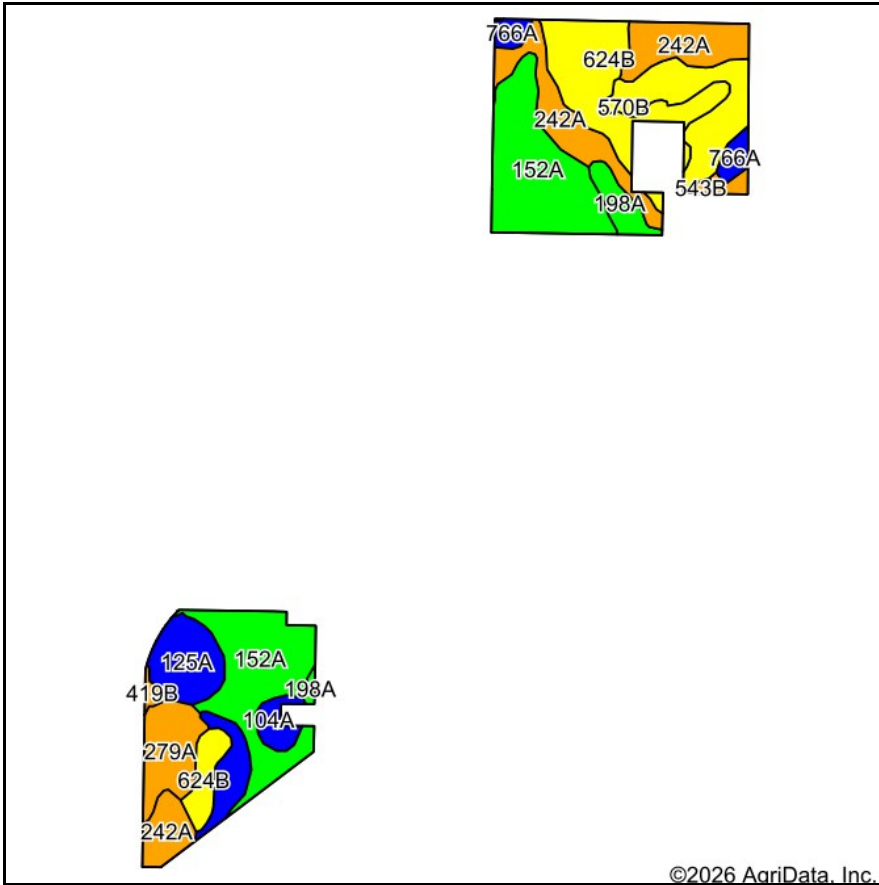


# Soils Map



State: **Illinois**  
 County: **Boone**  
 Location: **2-45N-4E**  
 Township: **Boone**  
 Acres: **110.35**  
 Date: **6/25/2026**



Maps Provided By:



Soils data provided by USDA and NRCS.

©2026 AgriData, Inc.

© AgriData, Inc. 2025

www.AgriDataInc.com

Area Symbol: IL007, Soil Area Version: 19

Code	Soil Description	Acres	Percent of field	Il. State Productivity Index Legend	Subsoil rooting <sup>a</sup>	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Oats Bu/A <sup>b</sup>	Sorghum <sup>c</sup> Bu/A	Grass-legume hay, T/A	Crop productivity index for optimum management	*n NCCPI Corn	*n NCCPI Soybeans
**152A	Drummer silty clay loam, 0 to 2 percent slopes	34.05	30.9%		FAV	**195	**63	**73	**100	0	**6.00	**144	81	74
242A	Kendall silt loam, 0 to 2 percent slopes	20.12	18.2%		FAV	172	53	66	89	0	5.00	125	86	72
**624B	Caprell silt loam, 2 to 4 percent slopes	17.33	15.7%		FAV	**155	**50	**59	**76	0	**4.00	**114	75	75
**570B	Martinsville silt loam, 2 to 4 percent slopes	11.19	10.1%		FAV	**153	**49	**62	**74	0	**4.00	**113	88	78
279A	Rozetta silt loam, 0 to 2 percent slopes	7.13	6.5%		FAV	164	51	65	84	0	5.00	120	87	79
**125A	Selma loam, 0 to 2 percent slopes	7.07	6.4%		FAV	**178	**57	**70	**91	**1	**8.00	**131	75	77



Code	Soil Description	Acres	Percent of field	Il. State Productivity Index Legend	Subsoil rooting <b>a</b>	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Oats Bu/A <b>b</b>	Sorghum <b>c</b> Bu/A	Grass-legume <b>e</b> hay, T/A	Crop productivity index for optimum management	*n NCCPI Corn	*n NCCPI Soybeans
104A	Virgil silt loam, 0 to 2 percent slopes	6.26	5.7%		FAV	182	56	70	97	0	6.00	132	70	59
198A	Elburn silt loam, cool, 0 to 2 percent slopes	3.43	3.1%		FAV	197	61	74	94	0	6.00	143	84	76
766A	Lamartine silt loam, 0 to 2 percent slopes	2.78	2.5%		FAV	182	58	70	94	0	6.00	133	70	74
**419B	Flagg silt loam, 2 to 5 percent slopes	0.62	0.6%		FAV	**160	**51	**62	**82	0	**5.00	**118	82	70
**543B	Piscasaw silt loam, 2 to 4 percent slopes	0.37	0.3%		FAV	**166	**51	**63	**86	0	**5.00	**121	86	76
<b>Weighted Average</b>						<b>175.9</b>	<b>55.9</b>	<b>67.4</b>	<b>89.3</b>	<b>0.1</b>	<b>5.4</b>	<b>129.1</b>	<b>*n 80.9</b>	<b>*n 73.9</b>

Soil data provided by USDA and NCRS. Soils data provided by University of Illinois at Champagne-Urbana

**Table: Optimum Crop Productivity Ratings for Illinois Soils 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

**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"