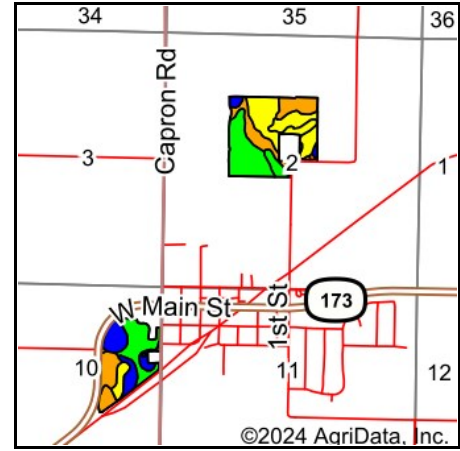
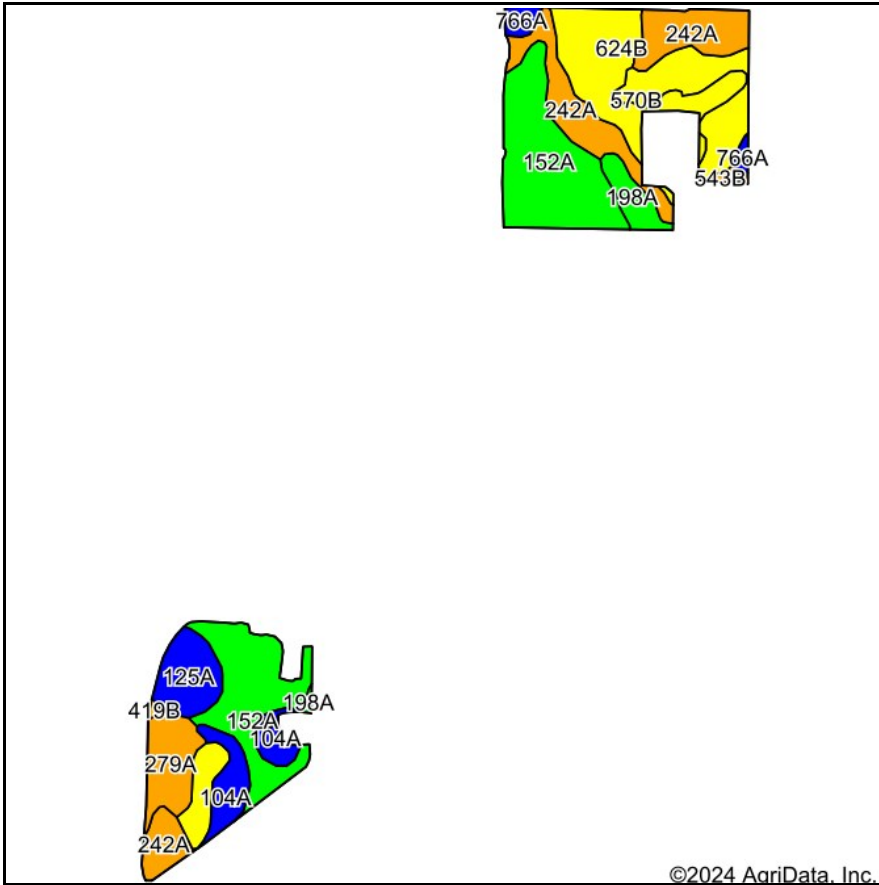


Soils Map



State: **Illinois**
 County: **Boone**
 Location: **2-45N-4E**
 Township: **Boone**
 Acres: **95.8**
 Date: **4/18/2024**



Maps Provided By:



Soils data provided by USDA and NRCS.

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Area Symbol: IL007, Soil Area Version: 17

Code	Soil Description	Acres	Percent of field	Il. State Productivity Index Legend	Water Table	Subsoil rooting ^a	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Crop productivity index for optimum management	*n NCCPI Corn	*n NCCPI Soybeans
**152A	Drummer silty clay loam, 0 to 2 percent slopes	29.98	31.3%		0.5ft.	FAV	**195	**63	**73	**144	81	74
242A	Kendall silt loam, 0 to 2 percent slopes	17.28	18.0%		1.2ft.	FAV	172	53	66	125	87	73
**624B	Caprell silt loam, 2 to 4 percent slopes	16.68	17.4%		> 6.5ft.	FAV	**155	**50	**59	**114	75	75
**570B	Martinsville silt loam, 2 to 4 percent slopes	9.40	9.8%		> 6.5ft.	FAV	**153	**49	**62	**113	89	78
279A	Rozetta silt loam, 0 to 2 percent slopes	5.94	6.2%		5ft.	FAV	164	51	65	120	87	79
**125A	Selma loam, 0 to 2 percent slopes	5.78	6.0%		0.5ft.	FAV	**176	**57	**70	**129	75	77
104A	Virgil silt loam, 0 to 2 percent slopes	5.49	5.7%		1.2ft.	FAV	182	56	70	132	84	86
198A	Elburn silt loam, cool, 0 to 2 percent slopes	3.15	3.3%		2ft.	FAV	197	61	74	143	84	76



Code	Soil Description	Acres	Percent of field	Il. State Productivity Index Legend	Water Table	Subsoil rooting ^a	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Crop productivity index for optimum management	*n NCCPI Corn	*n NCCPI Soybeans
766A	Lamartine silt loam, 0 to 2 percent slopes	1.71	1.8%		1.6ft.	FAV	182	58	70	133	70	72
**419B	Flagg silt loam, 2 to 5 percent slopes	0.20	0.2%		> 6.5ft.	FAV	**160	**51	**62	**118	82	70
**543B	Piscasaw silt loam, 2 to 4 percent slopes	0.19	0.2%		> 6.5ft.	FAV	**166	**51	**63	**121	86	76
Weighted Average							175.7	55.8	67.3	128.9	*n 81.9	*n 75.6

Soil data provided by USDA and NCRS. Soil 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: 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

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