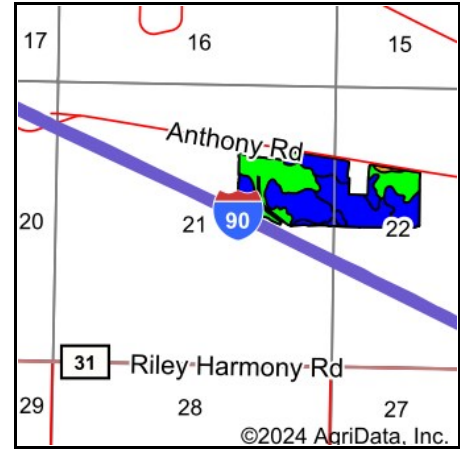
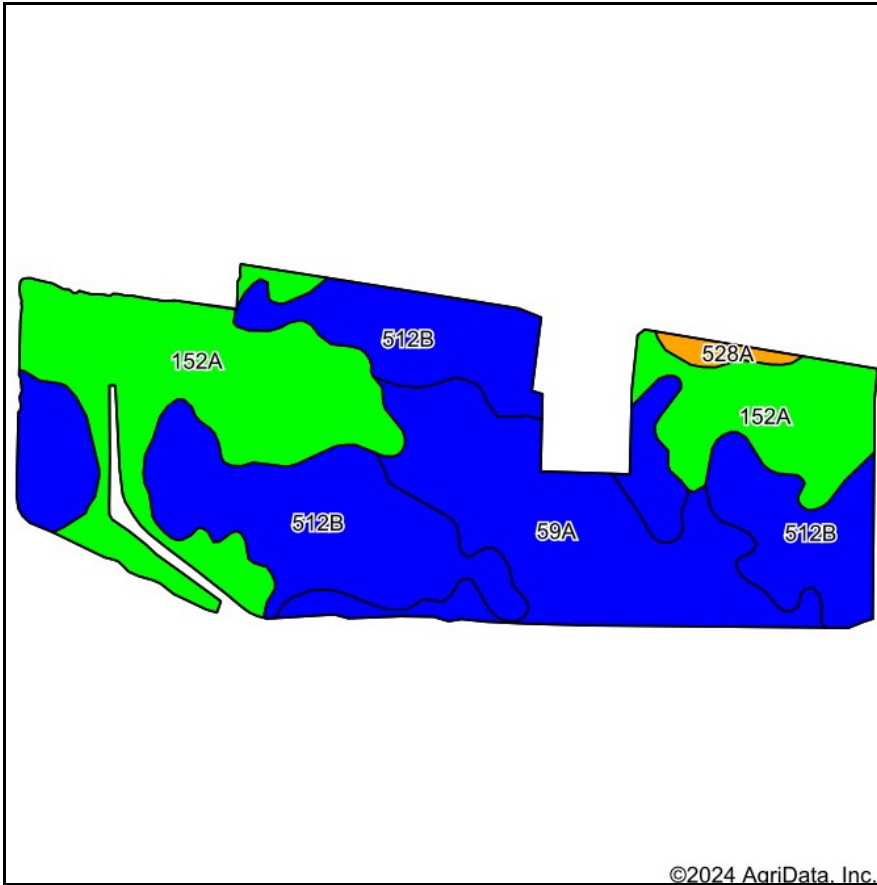


Soils Map



State: **Illinois**
 County: **McHenry**
 Location: **21-43N-5E**
 Township: **Riley**
 Acres: **87**
 Date: **4/18/2024**



Maps Provided By:



Area Symbol: IL111, Soil Area Version: 19

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
**512B	Danabrook silt loam, 2 to 5 percent slopes	35.64	41.0%	Blue	2.7ft.	FAV	**185	**58	**72	**137	88	79
**152A	Drummer silty clay loam, 0 to 2 percent slopes	30.44	35.0%	Green	0.5ft.	FAV	**195	**63	**73	**144	81	74
59A	Lisbon silt loam, 0 to 2 percent slopes	19.98	23.0%	Blue	1.5ft.	FAV	188	59	74	136	75	74
**528A	Lahoguess loam, 0 to 2 percent slopes	0.94	1.1%	Orange	1.5ft.	FAV	**170	**55	**65	**126	79	69
Weighted Average							189	59.9	72.7	139.1	*n 82.5	*n 76

Soil data provided by USDA and NRCS. Soil productivity ratings for Illinois Corn and Soybeans 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"