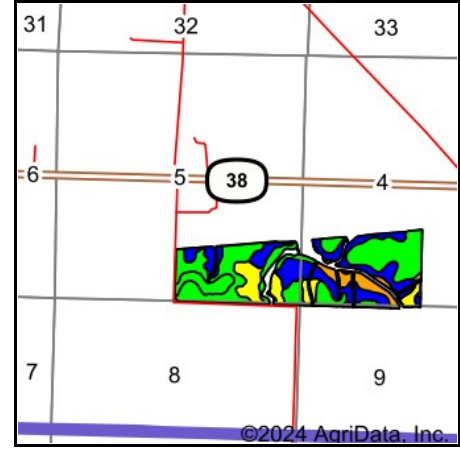
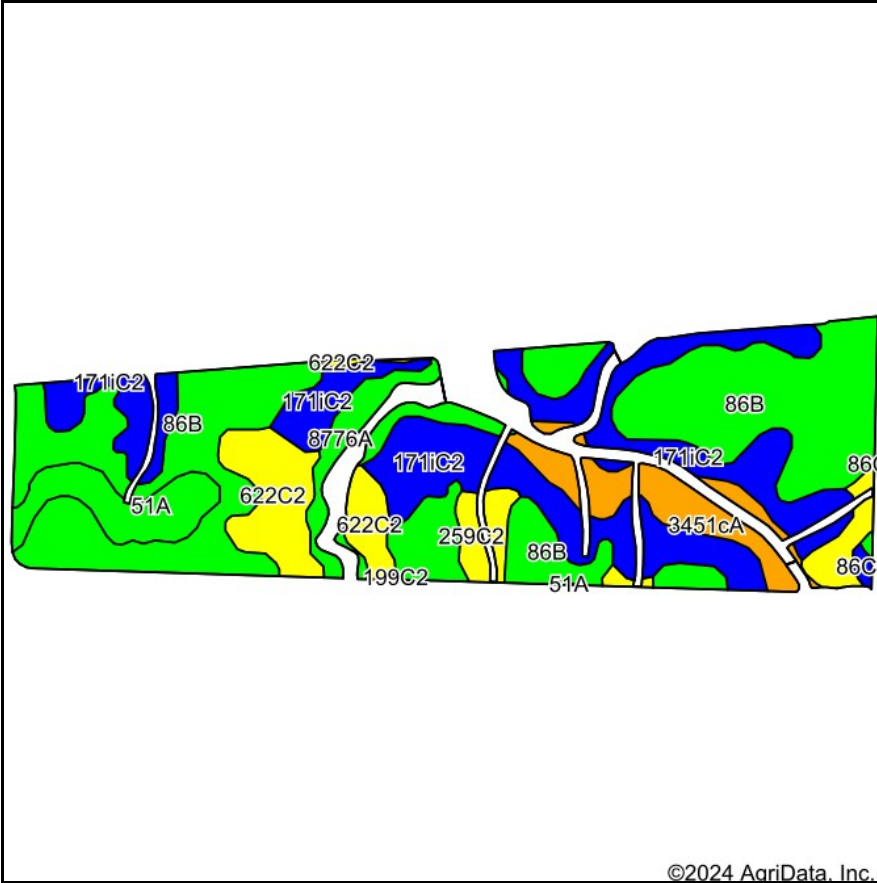


Soils Map



State: **Illinois**
 County: **Lee**
 Location: **5-21N-10E**
 Township: **Nachusa**
 Acres: **150.32**
 Date: **4/18/2024**



Maps Provided By:



Soils data provided by USDA and NRCS.

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Area Symbol: IL103, Soil Area Version: 20

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
**86B	Osco silt loam, 2 to 5 percent slopes	64.18	42.7%		5ft.	FAV	**187	**59	**74	**138	92	78
**171iC2	Catlin silt loam, Illinois till plain, 5 to 10 percent slopes, eroded	41.91	27.9%		2.6ft.	FAV	**174	**55	**68	**128	74	57
**622C2	Wyanet silt loam, 5 to 10 percent slopes, eroded	12.16	8.1%		> 6.5ft.	FAV	**150	**49	**60	**112	61	55
**3451cA	Lawson silt loam, cool mesic, 0 to 2 percent slopes, frequently flooded	9.95	6.6%		1.5ft.	FAV	**171	**55	**66	**126	85	81
51A	Muscataune silt loam, 0 to 2 percent slopes	7.93	5.3%		1.5ft.	FAV	200	64	75	147	95	79
**8776A	Comfrey loam, 0 to 2 percent slopes, occasionally flooded	6.90	4.6%		0.5ft.	FAV	**188	**62	**71	**141	61	85



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
**259C2	Assumption silt loam, 5 to 10 percent slopes, eroded	6.77	4.5%		2.7ft.	FAV	**152	**48	**60	**111	86	66
**86C2	Osco silt loam, 5 to 10 percent slopes, eroded	0.52	0.3%		5ft.	FAV	**178	**56	**70	**131	84	65
Weighted Average							178.4	56.7	69.9	131.7	*n 82.4	*n 70.3

Table: Optimum Crop Productivity Ratings for Illinois Soils (COP) 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"