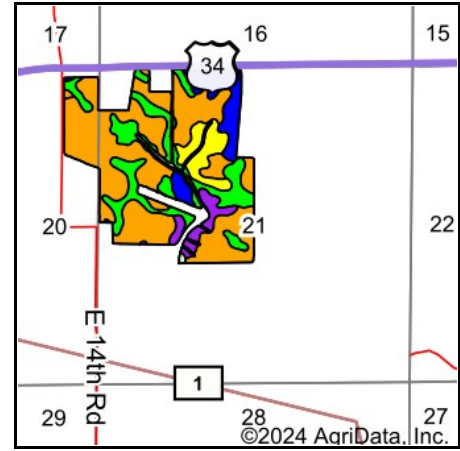
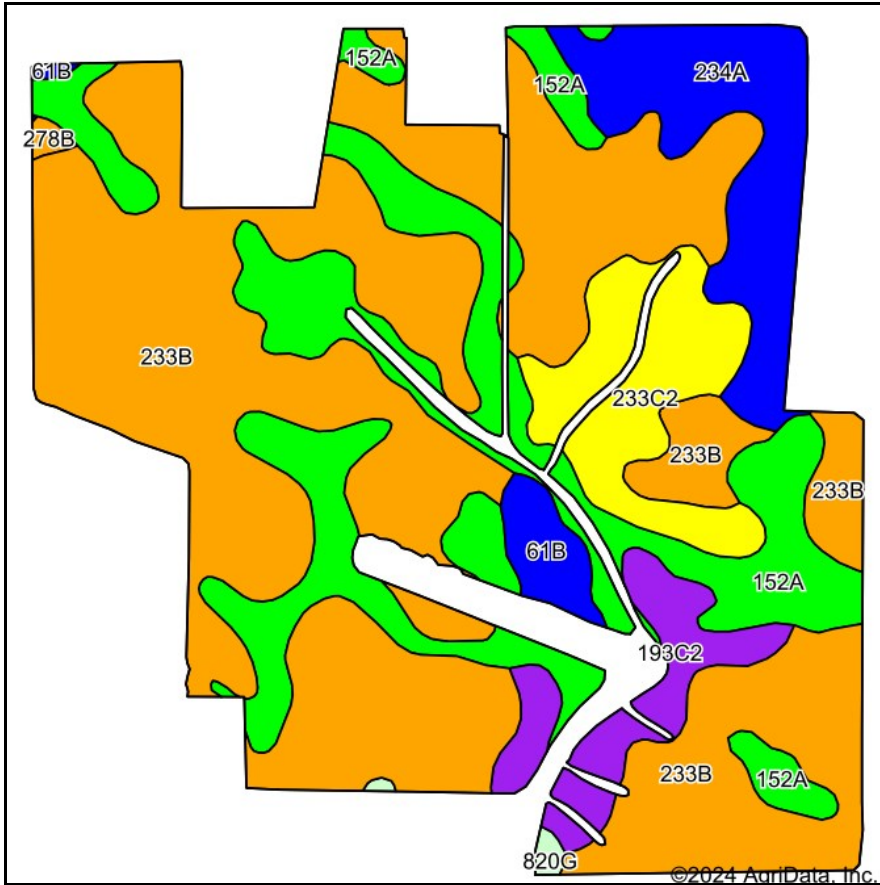


Soils Map



State: **Illinois**
 County: **LaSalle**
 Location: **21-36N-3E**
 Township: **Earl**
 Acres: **171.14**
 Date: **4/18/2024**



Maps Provided By:



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Soils data provided by USDA and NRCS.

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Area Symbol: IL099, 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
**233B	Birkbeck silt loam, 2 to 5 percent slopes	95.51	55.8%		2.4ft.	FAV	**165	**51	**65	**121	84	67
**152A	Drummer silty clay loam, 0 to 2 percent slopes	34.73	20.3%		0.5ft.	FAV	**195	**63	**73	**144	81	74
234A	Sunbury silt loam, 0 to 2 percent slopes	14.31	8.4%		1.2ft.	FAV	179	57	70	131	88	74
**233C2	Birkbeck silt loam, 5 to 10 percent slopes, eroded	12.27	7.2%		2.4ft.	FAV	**155	**48	**61	**113	76	61
**193C2	Mayville silt loam, 5 to 10 percent slopes, eroded	7.97	4.7%		2.7ft.	FAV	**139	**46	**56	**102	73	63
**61B	Atterberry silt loam, 2 to 5 percent slopes	3.13	1.8%		1.2ft.	FAV	**180	**55	**70	**131	84	76
**68A	Sable silty clay loam, 0 to 2 percent slopes	2.32	1.4%		0.5ft.	FAV	**192	**63	**74	**143	84	75



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
**820G	Hennepin-Casco complex, 30 to 60 percent slopes	0.49	0.3%		> 6.5ft.	UNF	**57	**19	**22	**43	12	7
**278B	Stronghurst silt loam, 2 to 5 percent slopes	0.41	0.2%		1.2ft.	FAV	**169	**53	**65	**124	93	80
Weighted Average							170.7	53.6	66.4	125.3	*n 82.5	*n 68.5

Table 1. Optimum Crop 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"