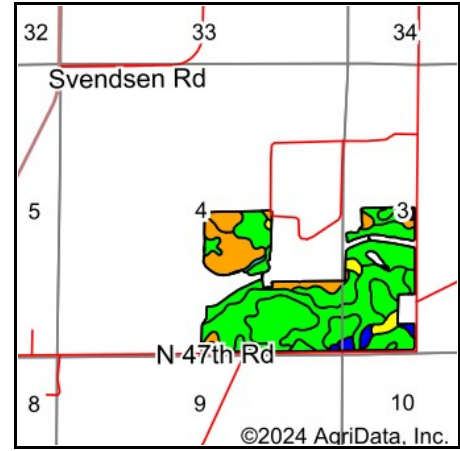
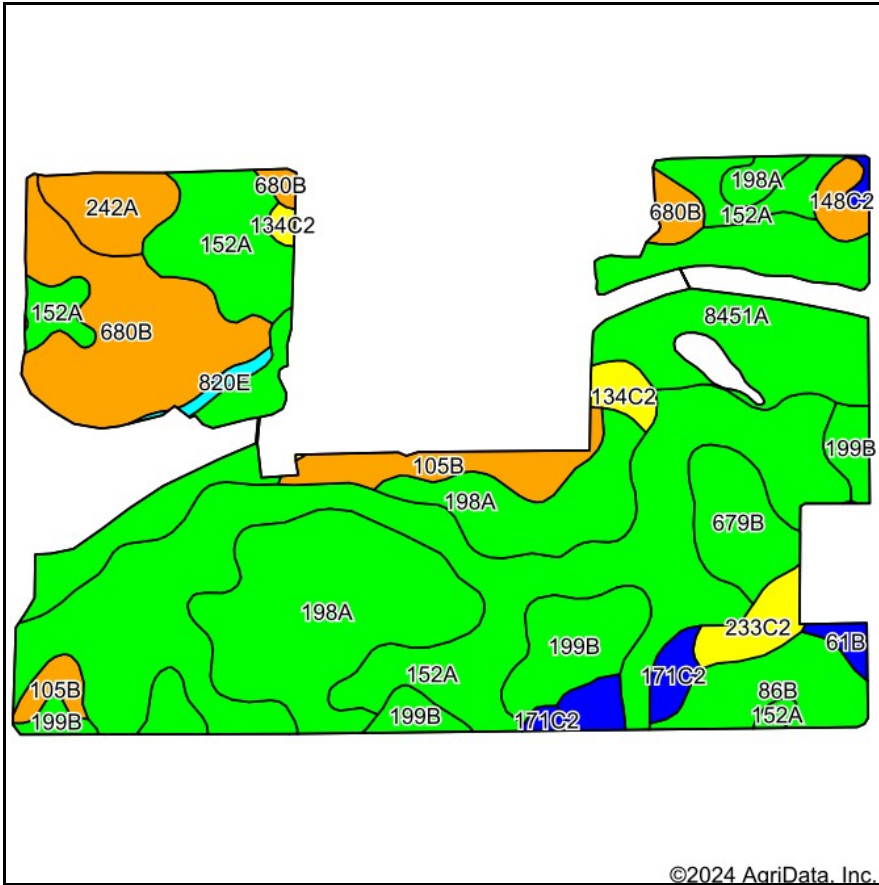


Soils Map



State: **Illinois**
 County: **LaSalle**
 Location: **4-36N-3E**
 Township: **Earl**
 Acres: **167.85**
 Date: **4/18/2024**



Maps Provided By:



Soils data provided by USDA and NRCS.

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
**152A	Drummer silty clay loam, 0 to 2 percent slopes	56.71	33.8%		0.5ft.	FAV	**195	**63	**73	**144	81	74
198A	Elburn silt loam, 0 to 2 percent slopes	27.98	16.7%		1.5ft.	FAV	197	61	74	143	91	78
8451A	Lawson silt loam, cool mesic, 0 to 2 percent slopes, occasionally flooded	22.80	13.6%		1.5ft.	FAV	190	61	73	140	89	86
**680B	Campton silt loam, 2 to 5 percent slopes	16.28	9.7%		2.7ft.	FAV	**162	**50	**63	**118	88	74
**199B	Plano silt loam, 2 to 5 percent slopes	10.93	6.5%		> 6.5ft.	FAV	**192	**59	**73	**141	93	81
**86B	Oscos silt loam, 2 to 5 percent slopes	6.17	3.7%		5ft.	FAV	**187	**59	**74	**138	92	78
**105B	Batavia silt loam, 2 to 5 percent slopes	5.97	3.6%		> 6.5ft.	FAV	**173	**54	**67	**126	90	77
**679B	Blackberry silt loam, 2 to 5 percent slopes	5.45	3.2%		2.7ft.	FAV	**192	**59	**73	**141	90	82

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
242A	Kendall silt loam, 0 to 2 percent slopes	4.12	2.5%		1.2ft.	FAV	172	53	66	125	87	73
**233C2	Birkbeck silt loam, 5 to 10 percent slopes, eroded	2.67	1.6%		2.4ft.	FAV	**155	**48	**61	**113	76	61
**134C2	Camden silt loam, 5 to 10 percent slopes, eroded	2.01	1.2%		> 6.5ft.	FAV	**154	**47	**60	**111	85	66
**171C2	Catlin silt loam, 5 to 10 percent slopes, eroded	1.95	1.2%		2.6ft.	FAV	**174	**55	**68	**128	74	56
**148C2	Proctor silt loam, 5 to 10 percent slopes, eroded	1.53	0.9%		> 6.5ft.	FAV	**172	**54	**65	**126	82	67
**171B2	Catlin silt loam, 2 to 5 percent slopes, eroded	1.38	0.8%		2.6ft.	FAV	**178	**56	**69	**131	75	60
**61B	Atterberry silt loam, 2 to 5 percent slopes	0.83	0.5%		1.2ft.	FAV	**180	**55	**70	**131	84	76
**820E	Hennepin-Casco complex, 12 to 30 percent slopes	0.72	0.4%		> 6.5ft.	UNF	**103	**34	**39	**76	44	40
**148B	Proctor silt loam, 2 to 5 percent slopes	0.35	0.2%		> 6.5ft.	FAV	**181	**57	**69	**132	88	78
Weighted Average							187.3	59.2	71.2	137.4	*n 86.1	*n 76.4

Soil data provided by USDA and NCGS. Soil data provided by University of Illinois at Chicago. 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 II. Soils EFOTG

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