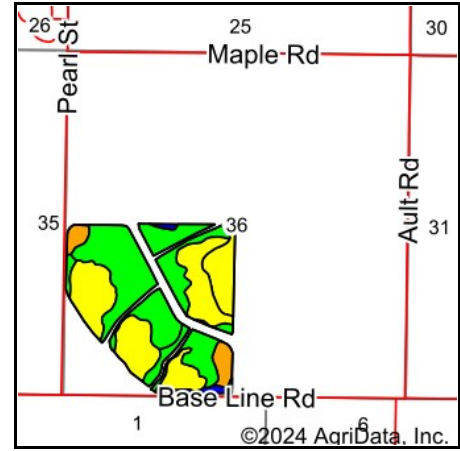
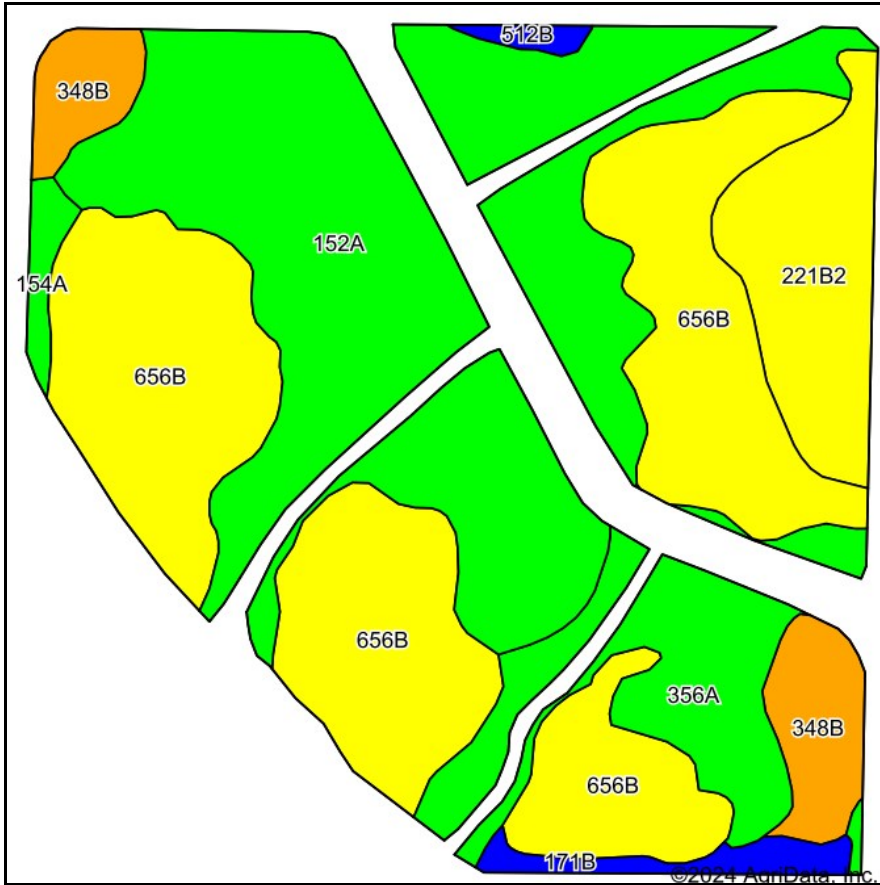


Soils Map



State: **Illinois**
 County: **DeKalb**
 Location: **36-42N-3E**
 Township: **Franklin**
 Acres: **119.21**
 Date: **8/16/2024**



Maps Provided By:



Soils data provided by USDA and NRCS.

Area Symbol: IL037, Soil Area Version: 18

Code	Soil Description	Acres	Percent of field	Il. State Productivity Index Legend	Subsoil rooting ^a	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Oats Bu/A ^b	Sorghum c Bu/A	Grass-legume e hay, T/A	Crop productivity index for optimum management	* _n NCCPI Corn	* _n NCCPI Soybeans
**152A	Drummer silty clay loam, 0 to 2 percent slopes	45.26	38.0%	Green	FAV	**195	**63	**73	**100	0	**5.60	**144	81	74
**656B	Octagon silt loam, 2 to 4 percent slopes	43.04	36.1%	Yellow	FAV	**157	**51	**63	**77	0	**5.00	**117	69	68
**356A	Elpaso silty clay loam, 0 to 2 percent slopes	11.46	9.6%	Green	FAV	**195	**63	**66	**102	0	**5.80	**144	87	80
**221B2	Parr silt loam, 2 to 5 percent slopes, eroded	9.31	7.8%	Yellow	FAV	**151	**49	**61	**65	0	**5.10	**113	67	64
**348B	Wingate silt loam, cool mesic, 2 to 5 percent slopes	6.42	5.4%	Orange	FAV	**162	**51	**67	**90	0	**5.30	**119	82	76



Code	Soil Description	Acres	Percent of field	Il. State Productivity Index Legend	Subsoil rooting a	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Oats Bu/A b	Sorghum c Bu/A	Grass-legume e hay, T/A	Crop productivity index for optimum management	*n NCCPI Corn	*n NCCPI Soybeans
**171B	Catlin silt loam, 2 to 5 percent slopes	1.89	1.6%		FAV	**185	**58	**72	**98	0	**6.70	**137	77	72
154A	Flanagan silt loam, 0 to 2 percent slopes	1.23	1.0%		FAV	194	63	77	102	0	5.90	144	90	76
**512B	Danabrook silt loam, 2 to 5 percent slopes	0.60	0.5%		FAV	**185	**58	**72	**99	0	**6.30	**137	88	79
Weighted Average						175.8	56.8	67.5	88.6	*-	5.4	130.3	*n 76.3	*n 71.8

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

b Soils in the southern region were not rated for oats and are shown with a zero "0".

c Soils in the northern region or in both regions were not rated for grain sorghum and are shown with a zero "0".

e Soils in the well drained group were not rated for grass-legume and are shown with a zero "0".

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