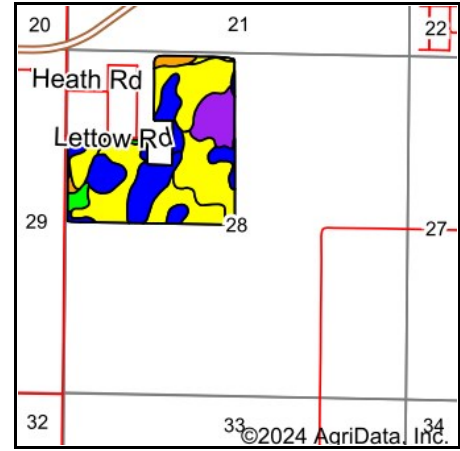
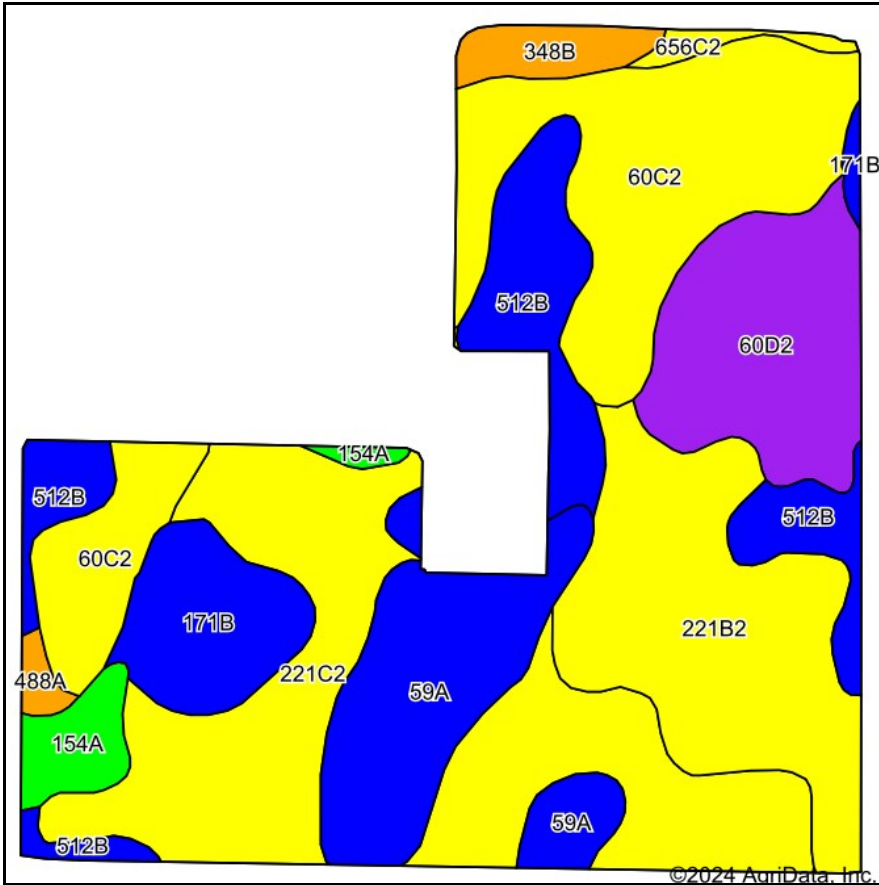


Soils Map



State: **Illinois**
 County: **DeKalb**
 Location: **28-42N-4E**
 Township: **Kingston**
 Acres: **107.48**
 Date: **4/18/2024**



Maps Provided By:



Soils data provided by USDA and NRCS.

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Area Symbol: IL037, Soil Area Version: 18

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
**221C2	Parr silt loam, 5 to 10 percent slopes, eroded	24.85	23.1%		2.7ft.	FAV	**148	**48	**60	**111	64	62
**60C2	La Rose loam, 5 to 10 percent slopes, eroded	20.57	19.1%		> 6.5ft.	FAV	**145	**47	**58	**108	56	57
**221B2	Parr silt loam, 2 to 5 percent slopes, eroded	16.59	15.4%		2.7ft.	FAV	**151	**49	**61	**113	67	64
59A	Lisbon silt loam, 0 to 2 percent slopes	11.37	10.6%		1.5ft.	FAV	188	59	74	136	77	77
**512B	Danabrook silt loam, 2 to 5 percent slopes	11.24	10.5%		2.7ft.	FAV	**185	**58	**72	**137	88	79
**60D2	La Rose loam, 10 to 18 percent slopes, eroded	10.75	10.0%		> 6.5ft.	FAV	**136	**44	**54	**101	52	51
**171B	Catlin silt loam, 2 to 5 percent slopes	6.10	5.7%		2.6ft.	FAV	**185	**58	**72	**137	77	72
154A	Flanagan silt loam, 0 to 2 percent slopes	2.60	2.4%		1.5ft.	FAV	194	63	77	144	90	76



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
**348B	Wingate silt loam, cool mesic, 2 to 5 percent slopes	2.06	1.9%		2.1ft.	FAV	**162	**51	**67	**119	82	76
**656C2	Octagon silt loam, 4 to 6 percent slopes, eroded	0.75	0.7%		2.7ft.	FAV	**149	**49	**60	**111	64	57
**488A	Hooppole loam, 0 to 2 percent slopes	0.60	0.6%		0.5ft.	FAV	**163	**54	**64	**121	69	76
Weighted Average							158.4	50.8	63.2	117.6	*n 67.4	*n 64.8

Soil data provided by USDA and NCRS. Soil data provided by University of Illinois at Champagne-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

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