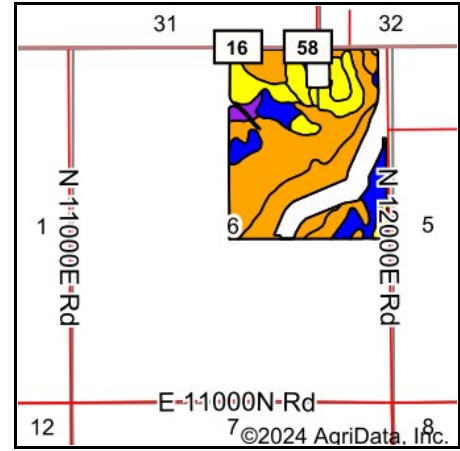
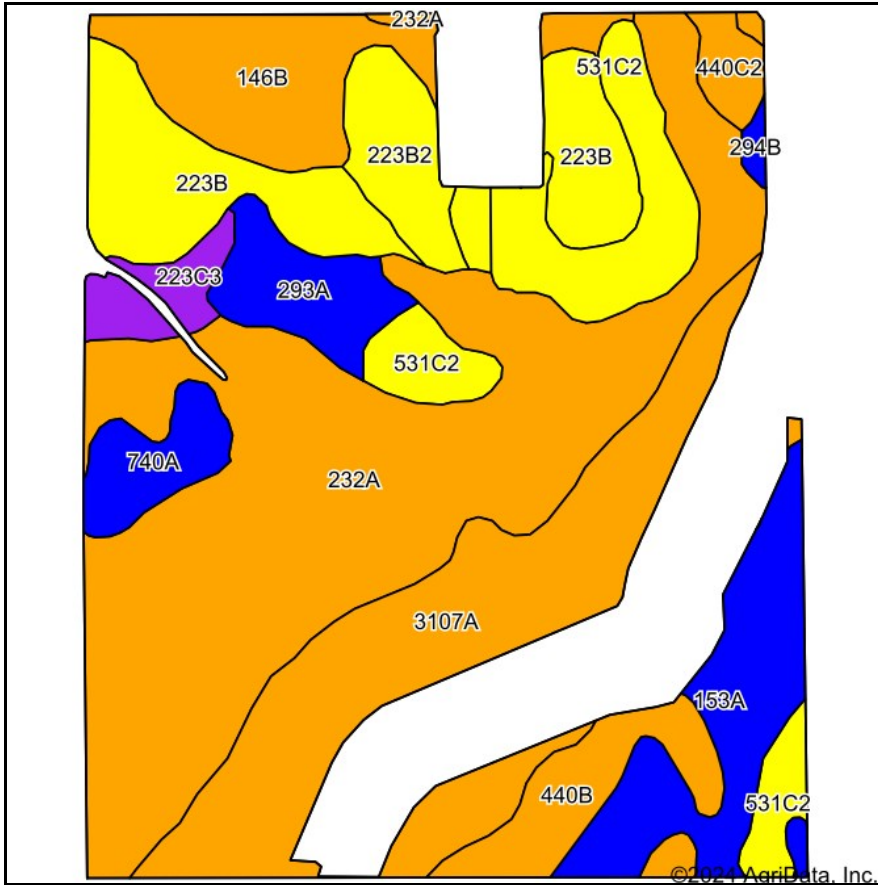


# Soils Map



State: **Illinois**  
 County: **Kankakee**  
 Location: **6-32N-14E**  
 Township: **Yellowhead**  
 Acres: **149.81**  
 Date: **4/19/2024**



Maps Provided By:



Soils data provided by USDA and NRCS.

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Area Symbol: IL091, Soil Area Version: 20

Code	Soil Description	Acres	Percent of field	Il. State Productivity Index Legend	Water Table	Subsoil rooting <sup>a</sup>	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Crop productivity index for optimum management	*n NCCPI Corn	*n NCCPI Soybeans
**232A	Ashkum silty clay loam, 0 to 2 percent slopes	51.83	34.6%		0.5ft.	FAV	**170	**56	**65	**127	65	60
**3107A	Sawmill silty clay loam, heavy till plain, 0 to 2 percent slopes, frequently flooded	24.89	16.6%		0.5ft.	FAV	**170	**54	**64	**125	61	45
**223B	Varna silt loam, 2 to 4 percent slopes	14.61	9.8%		2.7ft.	FAV	**156	**50	**63	**115	72	64
**531C2	Markham silt loam, 4 to 6 percent slopes, eroded	12.19	8.1%		2.3ft.	FAV	**153	**49	**60	**113	57	44
**153A	Pella silty clay loam, 0 to 2 percent slopes	10.90	7.3%		0.5ft.	FAV	**183	**60	**70	**136	68	79
**146B	Elliott silt loam, 2 to 4 percent slopes	10.40	6.9%		1.5ft.	FAV	**166	**54	**67	**124	63	59
**440B	Jasper loam, 2 to 5 percent slopes	6.15	4.1%		6.5ft.	FAV	**170	**55	**69	**126	78	70



Code	Soil Description	Acres	Percent of field	Il. State Productivity Index Legend	Water Table	Subsoil rooting <b>a</b>	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Crop productivity index for optimum management	*n NCCPI Corn	*n NCCPI Soybeans
293A	Andres silt loam, 0 to 2 percent slopes	5.14	3.4%		1.6ft.	FAV	184	59	71	135	71	70
**223B2	Varna silt loam, 2 to 4 percent slopes, eroded	4.84	3.2%		2.7ft.	FAV	**150	**48	**61	**110	68	58
740A	Darroch silt loam, 0 to 2 percent slopes	3.77	2.5%		1.5ft.	FAV	177	57	70	129	73	76
**223C3	Varna silty clay loam, 4 to 6 percent slopes, severely eroded	2.89	1.9%		2.1ft.	FAV	**136	**44	**55	**100	55	43
**440C2	Jasper loam, 5 to 10 percent slopes, eroded	1.77	1.2%		> 6.5ft.	FAV	**160	**52	**65	**118	70	60
**294B	Symerton silt loam, 2 to 5 percent slopes	0.43	0.3%		2.9ft.	FAV	**177	**55	**68	**130	70	68
<b>Weighted Average</b>							<b>167.2</b>	<b>54.2</b>	<b>64.9</b>	<b>123.9</b>	<b>*n 65.4</b>	<b>*n 58.7</b>

Soil data provided by USDA and NCCS. Soil data provided by University of Illinois at Urbana-Champaign. **Table: Optimum Crop Productivity Ratings for Illinois Corn, 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"