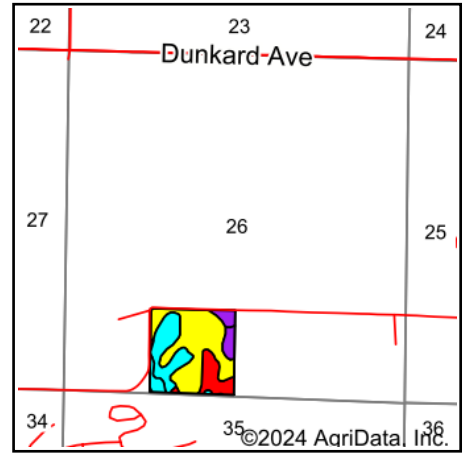
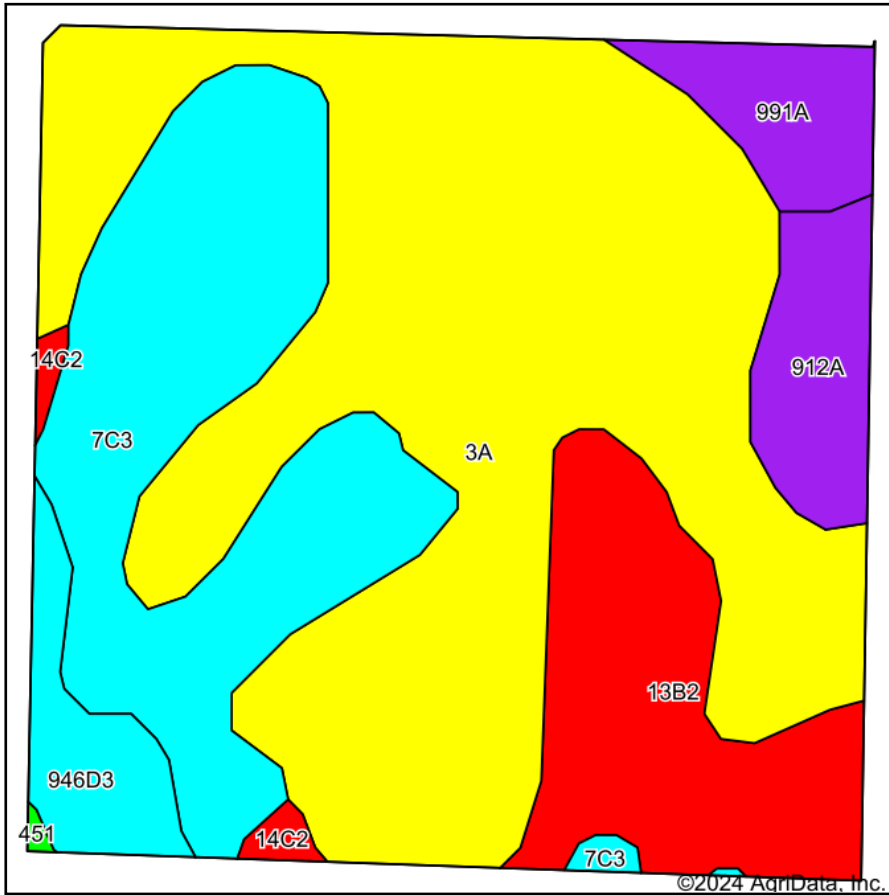


Soils Map



State: **Illinois**
 County: **Bond**
 Location: **26-6N-2W**
 Township: **Mulberry Grove**
 Acres: **39.04**
 Date: **9/6/2024**



Soils data provided by USDA and NRCS.

Area Symbol: IL005, Soil Area Version: 19

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-le gume ^e hay, T/A	Crop productivity index for optimum management	*n NCCPI Soybeans
3A	Hoyleton silt loam, 0 to 2 percent slopes	20.13	51.6%	Yellow	FAV	146	46	58	0	114	4.60	108	64
**7C3	Atlas silty clay loam, 5 to 10 percent slopes, severely eroded	8.76	22.4%	Cyan	UNF	**86	**30	**34	**39	0	**2.60	**66	41
**13B2	Bluford silt loam, 2 to 5 percent slopes, eroded	5.02	12.9%	Red	FAV	**129	**42	**52	0	**105	**3.20	**96	45
912A	Hoyleton-Darmstadt silt loams, 0 to 2 percent slopes	1.83	4.7%	Purple	FAV	132	45	51	0	107	4.50	101	67
991A	Cisne-Huey silt loams, 0 to 2 percent slopes	1.52	3.9%	Purple	FAV	129	45	51	0	104	4.50	99	59



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 Soybeans
**946D3	Hickory-Atlas complex, 10 to 15 percent slopes, severely eroded	1.49	3.8%		FAV	**89	**31	**36	**41	0	**1.50	**68	42
**14C2	Ava silt loam, 5 to 10 percent slopes, eroded	0.29	0.7%		UNF	**120	**39	**49	0	**95	**2.90	**89	36
Weighted Average						126.7	41.2	50.3	10.3	82.1	3.8	94.7	*n 55.3

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"