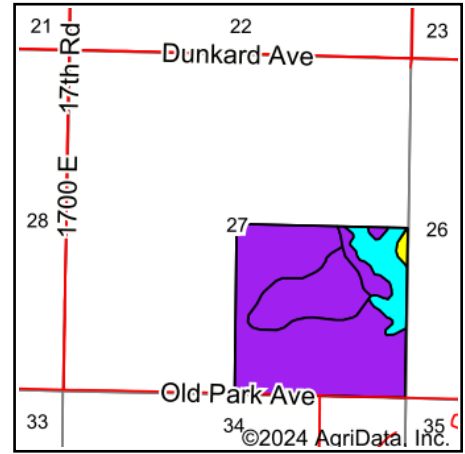
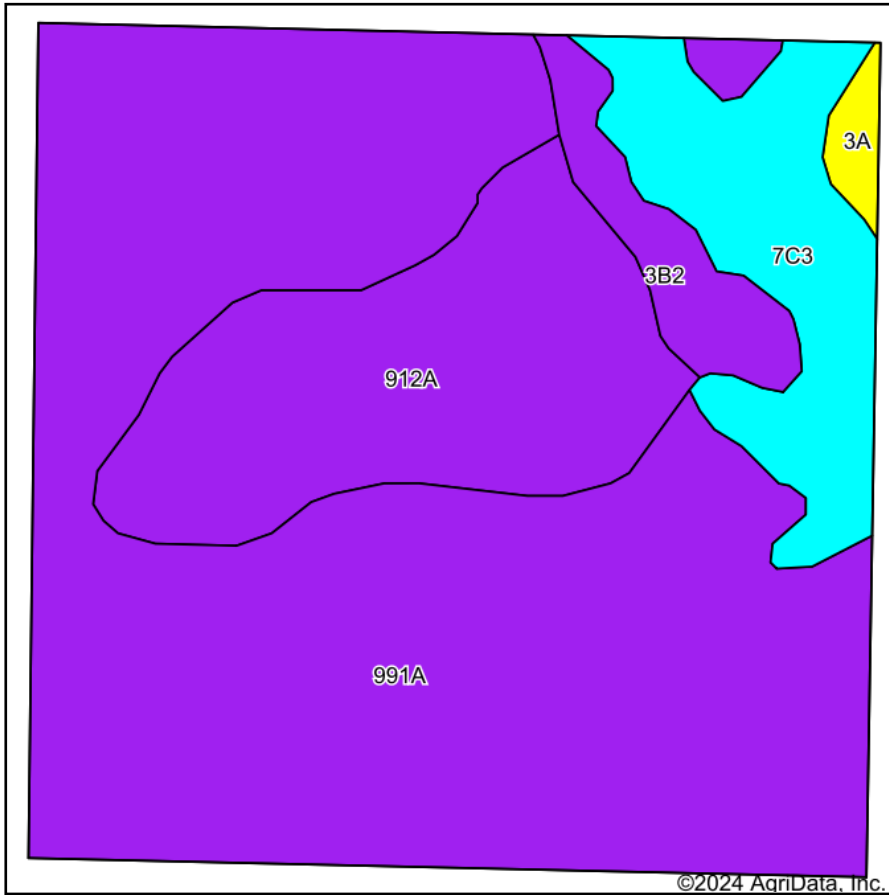


# Soils Map



State: **Illinois**  
 County: **Bond**  
 Location: **27-6N-2W**  
 Township: **Mulberry Grove**  
 Acres: **160.55**  
 Date: **7/1/2024**



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 <sup>a</sup>	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Oats Bu/A <sup>b</sup>	Sorghum <sup>c</sup> Bu/A	Grass-leg ume <sup>e</sup> hay, T/A	Crop productivity index for optimum management	*n NCCPI Soybeans
991A	Cisne-Huey silt loams, 0 to 2 percent slopes	105.15	65.5%		FAV	129	45	51	0	104	4.50	99	59
912A	Hoyleton-Darmstadt silt loams, 0 to 2 percent slopes	30.07	18.7%		FAV	132	45	51	0	107	4.50	101	67
**7C3	Atlas silty clay loam, 5 to 10 percent slopes, severely eroded	17.52	10.9%		UNF	**86	**30	**34	**39	0	**2.60	**66	41
**3B2	Hoyleton silt loam, 2 to 5 percent slopes, eroded	6.24	3.9%		FAV	**139	**44	**55	0	**108	**4.40	**103	57
3A	Hoyleton silt loam, 0 to 2 percent slopes	1.57	1.0%		FAV	146	46	58	0	114	4.60	108	64
<b>Weighted Average</b>						<b>125.4</b>	<b>43.3</b>	<b>49.4</b>	<b>4.3</b>	<b>93.5</b>	<b>4.3</b>	<b>96</b>	<b>*n 58.5</b>

Soils data provided by USDA and NRCS. Soils 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 II. 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"