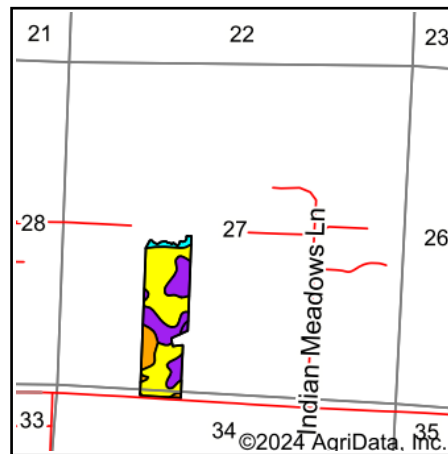
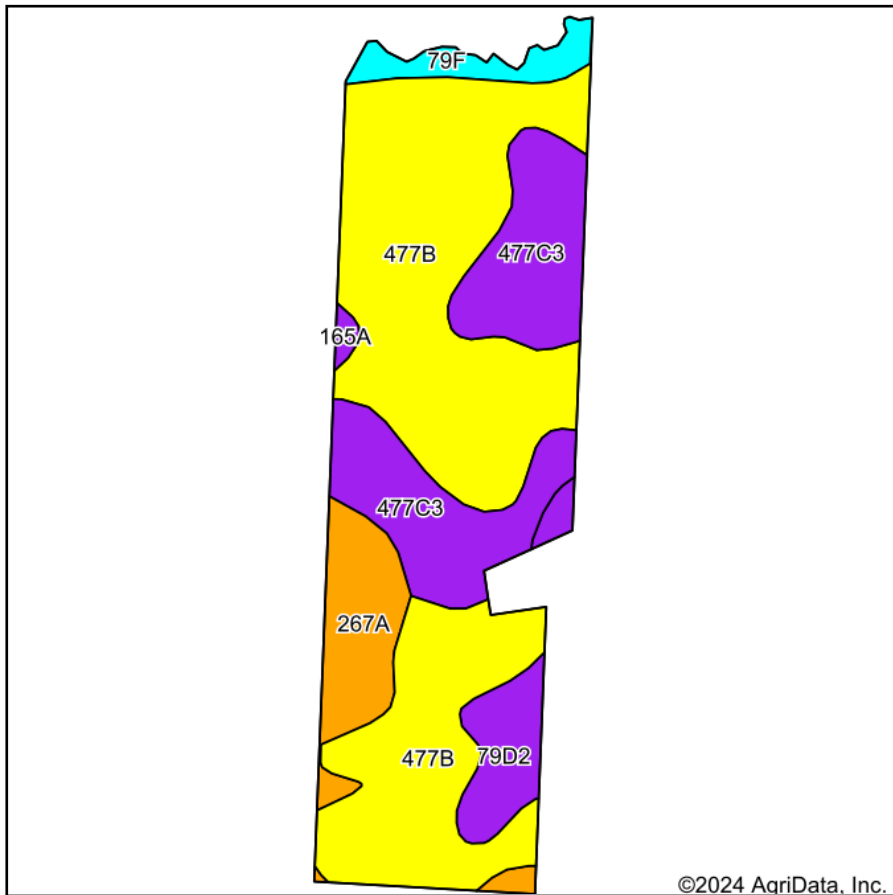


Soils Map



State: **Illinois**
 County: **Madison**
 Location: **27-4N-7W**
 Township: **Pin Oak**
 Acres: **38.66**
 Date: **9/18/2024**



Soils data provided by USDA and NRCS.

Area Symbol: IL119, 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-le gume ^e hay, T/A	Crop productivity index for optimum management	*n NCCPI Soybeans
**477B	Winfield silt loam, 2 to 5 percent slopes	22.29	57.7%		FAV	**159	**49	**62	0	**121	**4.90	**117	73
**477C3	Winfield silty clay loam, 5 to 10 percent slopes, severely eroded	8.66	22.4%		FAV	**138	**43	**53	0	**105	**4.30	**101	58
267A	Caseyville silt loam, 0 to 2 percent slopes	3.60	9.3%		FAV	171	52	65	0	124	5.30	126	75
**79D2	Menfro silt loam, 10 to 18 percent slopes, eroded	2.46	6.4%		FAV	**144	**44	**55	0	**106	**4.30	**104	1
**79F	Menfro silt loam, 18 to 35 percent slopes	1.44	3.7%		FAV	**119	**37	**45	0	**88	**3.50	**86	17
165A	Weir silt loam, 0 to 2 percent slopes	0.21	0.5%		FAV	141	46	56	0	112	4.50	106	57

Soils data provided by USDA and NRCS. Soils data provided by University of Illinois at Champaign-Urbana.



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
Weighted Average						152.9	47.2	59.2	*-	115.5	4.7	112.2	*n 63.1

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"