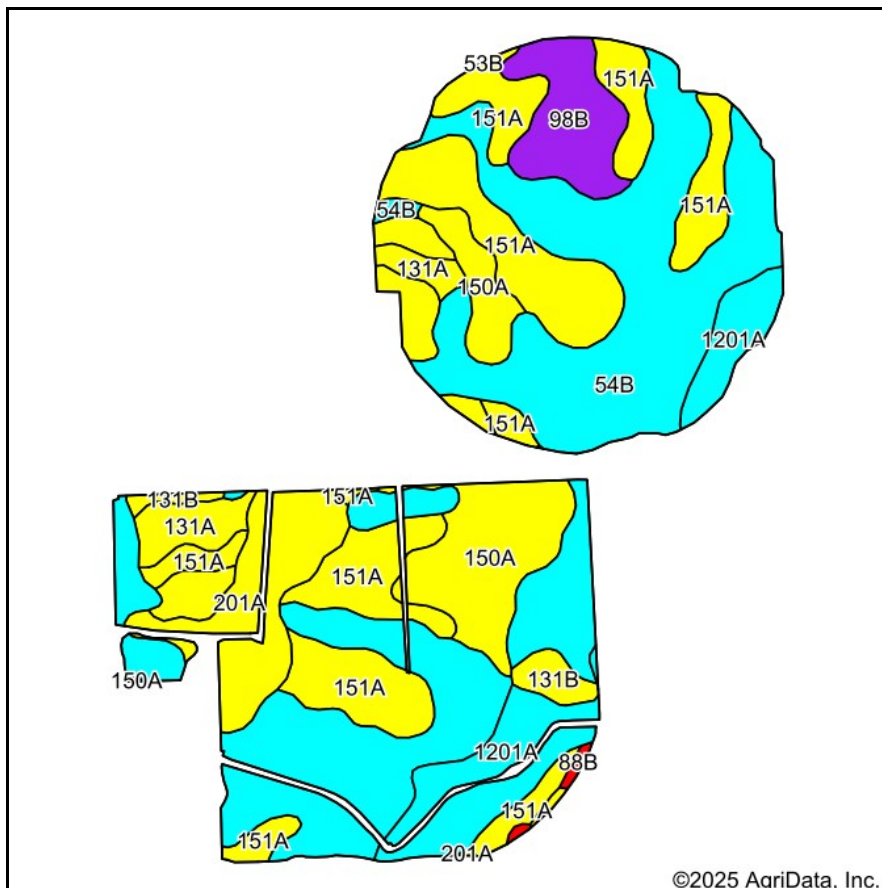
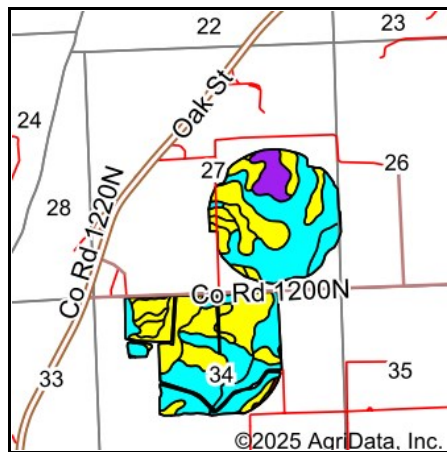


Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**
 County: **Mason**
 Location: **27-21N-9W**
 Township: **Bath**
 Acres: **304.39**
 Date: **10/12/2025**



Maps Provided By:



Area Symbol: IL125, 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-legume ^e hay, T/A	Crop productivity index for optimum management	*n NCCPI Corn	*n NCCPI Soybeans
**54B	Plainfield sand, 1 to 7 percent slopes	128.09	42.1%		FAV	**95	**32	**39	**46	0	**3.00	**74	51	27
**151A	Ridgeville sandy loam, 0 to 2 percent slopes	72.43	23.8%		FAV	**149	**51	**62	**77	0	**5.00	**113	74	55
**150A	Onarga sandy loam, 0 to 2 percent slopes	28.29	9.3%		FAV	**148	**48	**61	**77	0	**4.00	**110	77	56
**1201A	Gilford sandy loam, undrained, 0 to 2 percent slopes	23.65	7.8%		FAV	**73	**24	**29	**36	0	**2.00	**55	28	19
**201A	Gilford fine sandy loam, 0 to 2 percent slopes	19.51	6.4%		FAV	**146	**48	**58	**72	0	**4.00	**109	69	54

Code	Soil Description	Acres	Percent of field	II. 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 Corn	*n NCCPI Soybeans
**98B	Ade loamy fine sand, 1 to 6 percent slopes	14.57	4.8%		FAV	**131	**45	**56	**68	0	**4.00	**100	61	34
**131A	Alvin fine sandy loam, 0 to 2 percent slopes	12.32	4.0%		FAV	**150	**48	**59	**74	0	**4.00	**111	72	55
**131B	Alvin fine sandy loam, 2 to 5 percent slopes	4.38	1.4%		FAV	**149	**48	**58	**73	0	**4.00	**110	72	53
**88B	Sparta loamy sand, Illinois till plain, 2 to 6 percent slopes	0.78	0.3%		FAV	**116	**40	**49	**56	0	**4.00	**89	55	29
**150B	Onarga sandy loam, 2 to 5 percent slopes	0.37	0.1%		FAV	**145	**47	**60	**75	0	**4.00	**108	75	54
Weighted Average						119.2	40	48.9	59.8	*-	3.7	90.7	*n 59.9	*n 39.3

Soil data provided by USDA and NCCS. Soil 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: 01-28-2025

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"