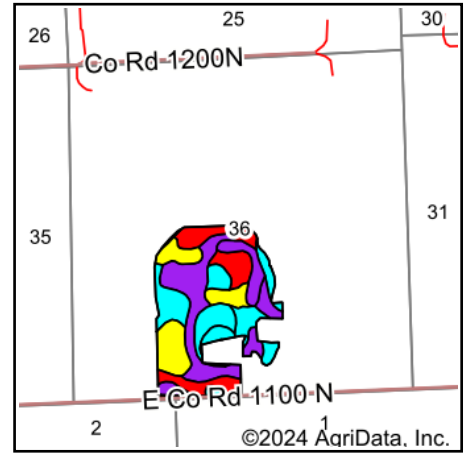
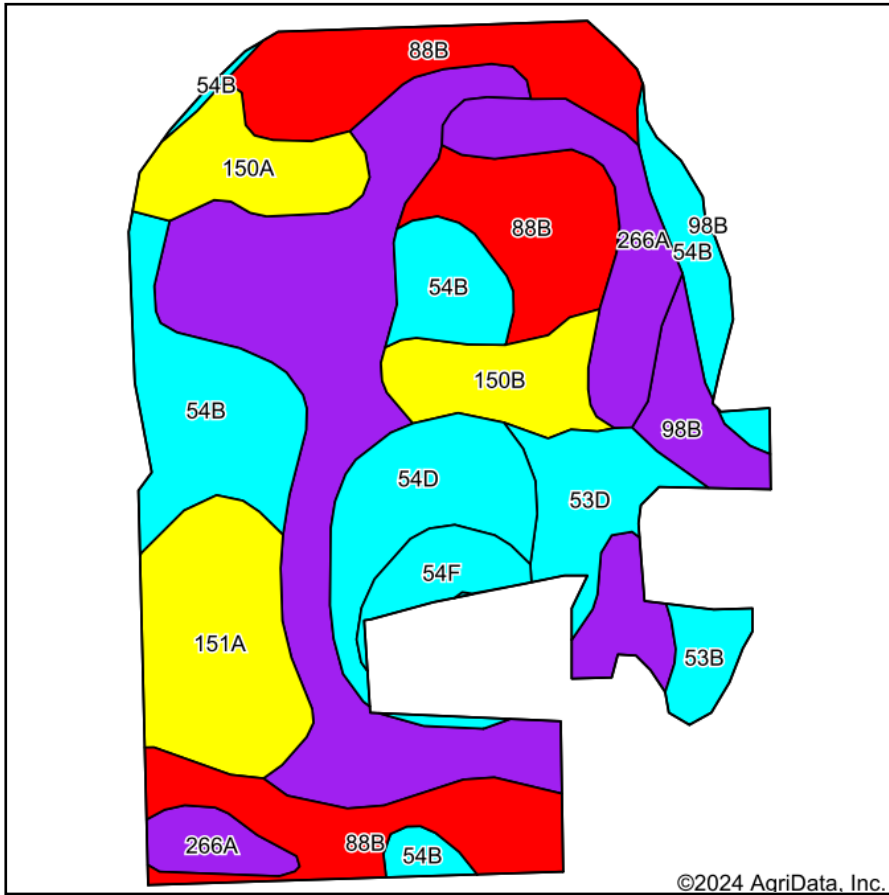


Soils Map



State: **Illinois**
 County: **Mason**
 Location: **36-21N-9W**
 Township: **Bath**
 Acres: **93.01**
 Date: **2/2/2024**

Maps Provided By:

 CUSTOMIZED ONLINE MAPPING
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Soils data provided by USDA and NRCS.

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Area Symbol: IL125, Soil Area Version: 17

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 Overall	*n NCCPI Corn	*n NCCPI Small Grains	* S
**98B	Ade loamy fine sand, 1 to 6 percent slopes	23.93	25.7%		FAV	**131	**45	**56	**68	0	**4.20	**100	61	61	45	
**88B	Sparta loamy sand, Illinois till plain, 2 to 6 percent slopes	18.48	19.9%		FAV	**116	**40	**49	**56	0	**3.90	**89	55	55	44	
**54B	Plainfield sand, 1 to 7 percent slopes	13.14	14.1%		FAV	**95	**32	**39	**46	0	**3.20	**74	41	41	36	
**151A	Ridgeville sandy loam, 0 to 2 percent slopes	8.37	9.0%		FAV	**149	**51	**62	**77	0	**5.00	**113	74	74	62	
**266A	Disco sandy loam, 0 to 2 percent slopes	7.15	7.7%		FAV	**145	**49	**57	**70	0	**3.80	**107	74	74	60	

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 Overall	*n NCCPI Corn	*n NCCPI Small Grains	*n S
**54D	Plainfield sand, 7 to 15 percent slopes	6.12	6.6%		FAV	**91	**31	**38	**44	0	**3.10	**71	41	41	35	
**150A	Onarga sandy loam, 0 to 2 percent slopes	4.21	4.5%		FAV	**148	**48	**61	**77	0	**4.00	**110	77	77	66	
**150B	Onarga sandy loam, 2 to 5 percent slopes	4.00	4.3%		FAV	**145	**47	**60	**75	0	**3.90	**108	75	75	63	
**53D	Bloomfield fine sand, 7 to 15 percent slopes	3.82	4.1%		FAV	**106	**34	**45	**55	0	**3.70	**79	56	56	41	
**54F	Plainfield sand, 15 to 45 percent slopes	2.18	2.3%		FAV	**64	**22	**26	**31	0	**2.20	**50	6	6	6	
**53B	Bloomfield fine sand, 1 to 7 percent slopes	1.61	1.7%		FAV	**111	**35	**47	**57	0	**3.80	**82	58	58	43	
Weighted Average						121.4	41.2	50.7	61	*	3.9	92.4	*n 57.6	*n 57.6	*n 46.2	

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"