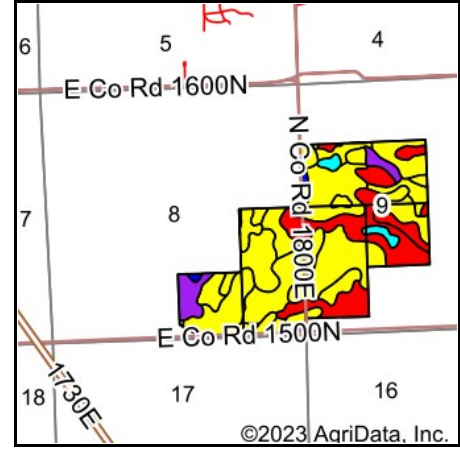
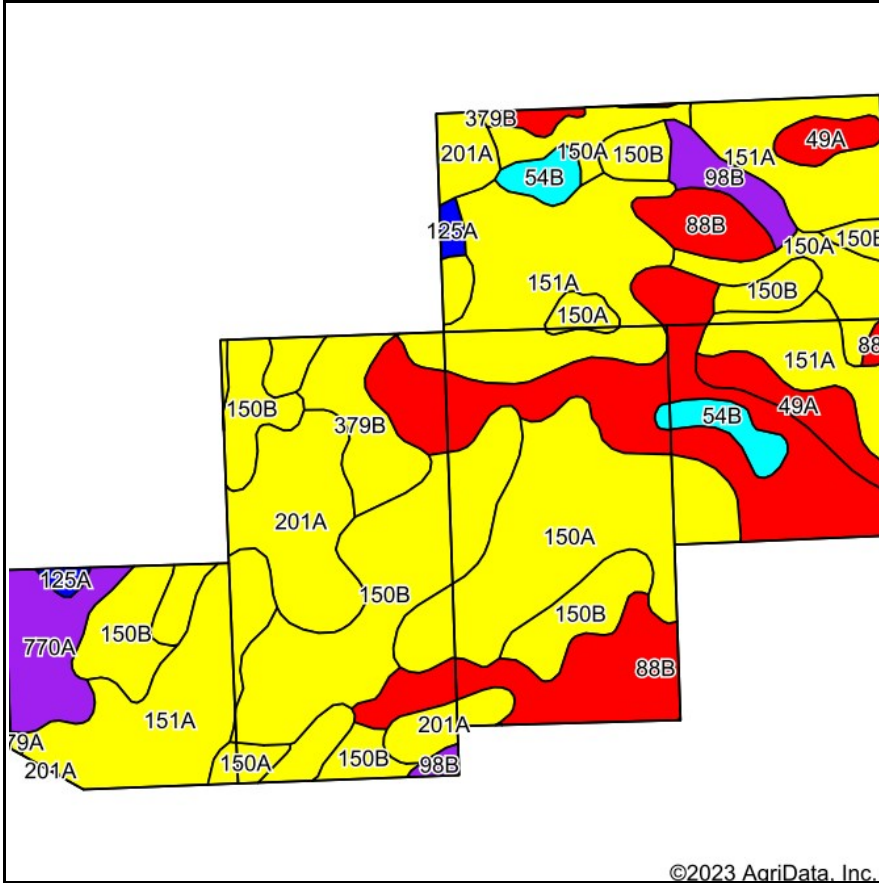


Soils Map



State: **Illinois**
 County: **Mason**
 Location: **9-21N-8W**
 Township: **Havana**
 Acres: **312.03**
 Date: **2/6/2023**



Maps Provided By:



Soils data provided by USDA and NRCS.

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Area Symbol: IL125, Soil Area Version: 16

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	Alfalfa ^d hay, T/A	Grass-legume ^e hay, T/A	Crop productivity index for optimum management
151A	Ridgeville sandy loam, 0 to 2 percent slopes	71.92	23.0%	Yellow	FAV	151	51	63	78	0	0.00	5.02	114
**88B	Sparta loamy sand, Illinois till plain, 2 to 6 percent slopes	58.13	18.6%	Red	FAV	**118	**41	**50	**57	0	0.00	**3.97	**91
**150B	Onarga sandy loam, 2 to 5 percent slopes	56.95	18.3%	Yellow	FAV	**147	**48	**60	**76	0	**4.10	0.00	**109
150A	Onarga sandy loam, 0 to 2 percent slopes	49.41	15.8%	Yellow	FAV	148	48	61	77	0	4.14	0.00	110
201A	Gilford fine sandy loam, 0 to 2 percent slopes	31.48	10.1%	Yellow	FAV	148	49	59	73	0	0.00	4.52	110
**379B	Dakota fine sandy loam, 2 to 5 percent slopes	10.76	3.4%	Yellow	FAV	**149	**49	**60	**73	0	**4.35	0.00	**111

Code	Soil Description	Acres	Percent of field	Ill. State Productivity Index Legend	Subsoil rooting a	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Oats Bu/A b	Sorghum c Bu/A	Alfalfa d hay, T/A	Grass-legume e hay, T/A	Crop productivity index for optimum management
770A	Udolpho fine sandy loam, 0 to 2 percent slopes	10.15	3.3%		FAV	138	45	55	73	0	0.00	4.14	103
49A	Watsoka loamy sand, 0 to 2 percent slopes	9.52	3.1%		FAV	122	41	51	61	0	0.00	4.39	93
**54B	Plainfield sand, 1 to 7 percent slopes	6.21	2.0%		FAV	**98	**34	**40	**48	0	0.00	**3.36	**75
**98B	Ade loamy fine sand, 1 to 6 percent slopes	5.43	1.7%		FAV	**134	**47	**57	**69	0	0.00	**4.22	**102
125A	Selma loam, 0 to 2 percent slopes	1.85	0.6%		FAV	176	57	70	90	0	0.00	6.38	129
379A	Dakota fine sandy loam, 0 to 2 percent slopes	0.22	0.1%		FAV	150	49	61	74	0	4.39	0.00	112
Weighted Average						140.8	47	58.1	71.5	*-	1.56	2.80	105.8

Table: Optimum Crop Productivity Ratings for Illinois Soil by K.R. Olson and J.M. Lang, Office of Research, ACES, University of Illinois at Champaign-Urbana. Version: 1/2/2012 Amended Table S2 B811

Crop yields and productivity indices for optimum management (B811) are maintained at the following NRES web site:

<http://soilproductivity.nres.illinois.edu/>

** Indexes adjusted for slope and erosion according to Bulletin 811 Table S3

a UNF = unfavorable; FAV = favorable

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".

d Soils in the poorly drained group were not rated for alfalfa 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".