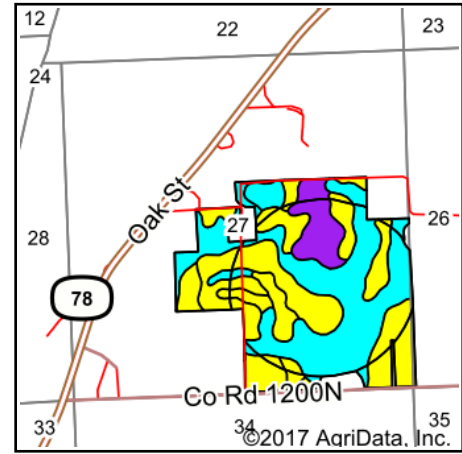
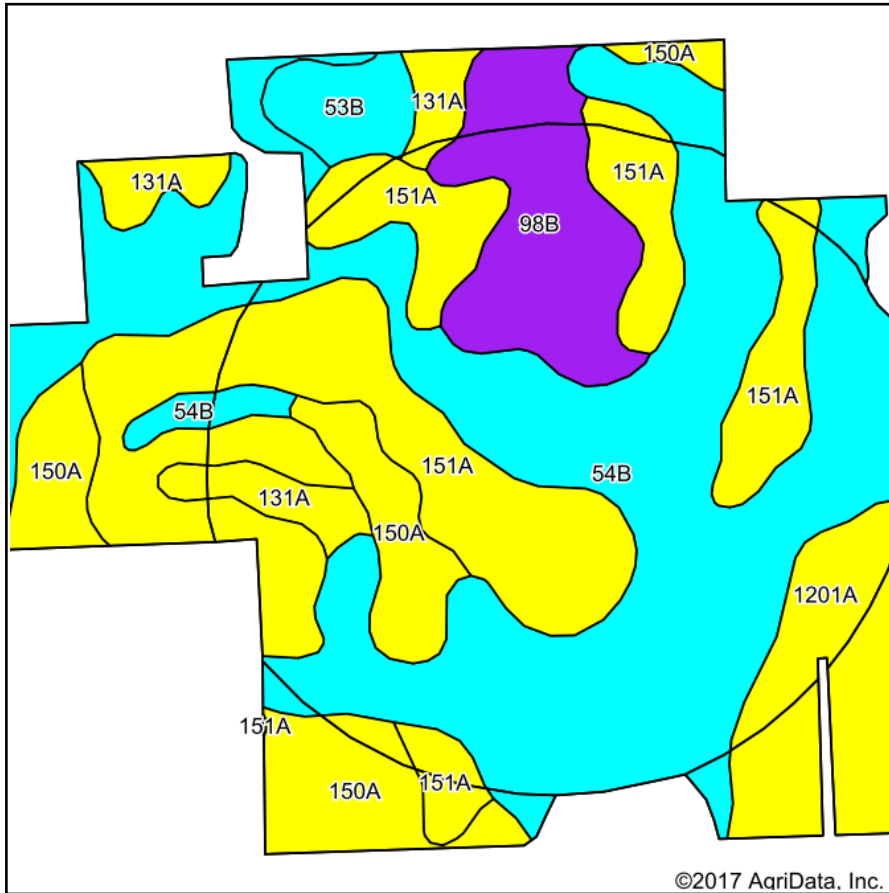


Soils Map



State: **Illinois**
 County: **Mason**
 Location: **27-21N-9W**
 Township: **Bath**
 Acres: **213.37**
 Date: **10/31/2017**



Soils data provided by USDA and NRCS.

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Area Symbol: IL125, Soil Area Version: 10

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-le gume ^e hay, T/A	Crop productivity index for optimum management
**54B	Plainfield sand, 1 to 7 percent slopes	88.47	41.5%		FAV	**98	**34	**40	**48	0	0.00	**3.36	**75
151A	Ridgeville sandy loam, 0 to 2 percent slopes	55.03	25.8%		FAV	151	51	63	78	0	0.00	5.02	114
150A	Onarga sandy loam, 0 to 2 percent slopes	21.71	10.2%		FAV	148	48	61	77	0	4.14	0.00	110
**98B	Ade loamy fine sand, 1 to 6 percent slopes	17.50	8.2%		FAV	**134	**47	**57	**69	0	0.00	**4.22	**102
1201A	Gilford sandy loam, undrained, 0 to 2 percent slopes	17.28	8.1%		FAV	148	49	59	73	0	0.00	4.52	110
131A	Alvin fine sandy loam, 0 to 2 percent slopes	8.32	3.9%		FAV	150	49	59	74	0	3.76	0.00	111
**53B	Bloomfield fine sand, 1 to 7 percent slopes	5.06	2.4%		FAV	**114	**37	**49	**58	0	0.00	**3.85	**84
Weighted Average						126.2	42.7	52	63.7	*-	0.57	3.49	95.3

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:

<https://www.ideals.illinois.edu/handle/2142/1027/>

** 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".

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

*c: Using Capabilities Class Dominant Condition Aggregation Method