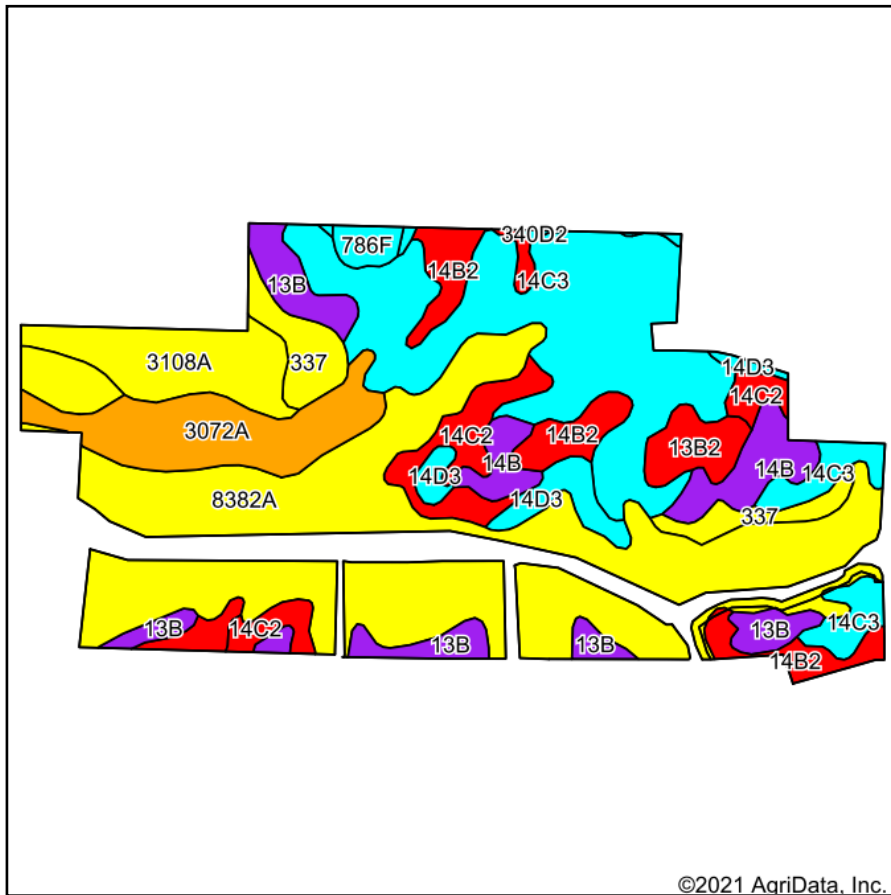
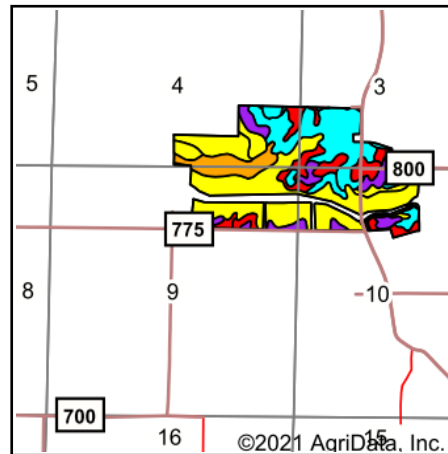


Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**
 County: **Hamilton**
 Location: **3-6S-7E**
 Township: **Mayberry**
 Acres: **237.32**
 Date: **2/23/2021**



Maps Provided By:



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Code	Soil Description	Acres	Percent of field	Il. State Productivity Index Legend	Water Table	Restrictive Layer	Soil Drainage	Subsoil rooting a	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Grass-legume e hay, T/A	Crop productivity index for optimum management
8382A	Belknap silt loam, 0 to 2 percent slopes, occasionally flooded	84.31	35.5%		2ft.	> 6.5ft.	Somewhat poorly drained	FAV	156	52	63	4.89	117
**14C3	Ava silt loam, 5 to 10 percent slopes, severely eroded	52.48	22.1%		2.5ft.	> 6.5ft.	Moderately well drained	UNF	**100	**33	**41	0.00	**74
3072A	Sharon silt loam, 0 to 2 percent slopes, frequently flooded	17.27	7.3%		3ft.	> 6.5ft.	Moderately well drained	FAV	164	53	63	0.00	122
**14B2	Ava silt loam, 2 to 5 percent slopes, eroded	13.76	5.8%		2.2ft.	2.5ft. (Fragipan)	Moderately well drained	UNF	**126	**41	**51	0.00	**93
3108A	Bonnie silt loam, 0 to 2 percent slopes, frequently flooded	13.27	5.6%		0.5ft.	> 6.5ft.	Poorly drained	FAV	149	49	59	4.64	111
**13B	Bluford silt loam, 2 to 5 percent slopes	12.37	5.2%		1.2ft.	1.6ft. (Abrupt textural change)	Somewhat poorly drained	FAV	**135	**44	**54	**3.36	**100
**14C2	Ava silt loam, 5 to 10 percent slopes, eroded	11.66	4.9%		2.2ft.	2.3ft. (Fragipan)	Moderately well drained	UNF	**122	**40	**50	0.00	**90
**14B	Ava silt loam, 2 to 5 percent slopes	9.96	4.2%		2.2ft.	2.8ft. (Fragipan)	Moderately well drained	UNF	**134	**44	**54	0.00	**99

337	Creal silt loam	8.70	3.7%		2ft.	> 6.5ft.	Somewhat poorly drained	FAV	151	47	59	0.00	110
**14D3	Ava silt loam, 10 to 18 percent slopes, severely eroded	5.92	2.5%		2.5ft.	> 6.5ft.	Moderately well drained	UNF	**93	**30	**38	0.00	**69
**13B2	Bluford silt loam, 2 to 5 percent slopes, eroded	4.84	2.0%		1.6ft.	0.7ft. (Abrupt textural change)	Somewhat poorly drained	FAV	**129	**42	**52	**3.22	**96
**786F	Frondorf silt loam, 15 to 35 percent slopes	2.13	0.9%		> 6.5ft.	2ft. (Paralithic bedrock)	Well drained	UNF	**87	**29	**34	**2.90	**67
**340D2	Zanesville silt loam, till plain, 10 to 18 percent slopes, eroded	0.35	0.1%		2.5ft.	2ft. (Fragipan)	Moderately well drained	UNF	**104	**36	**45	**3.27	**79
**340D3	Zanesville silt loam, till plain, 10 to 18 percent slopes, severely eroded	0.30	0.1%		2.5ft.	1.9ft. (Fragipan)	Moderately well drained	UNF	**86	**30	**37	**2.68	**65
Weighted Average									135.3	44.5	54.4	2.27	100.7

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

e Soils in the well drained group were not rated for grass-legume and are shown with a zero "0".

*c: Using Capabilities Class Dominant Condition Aggregation Method

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