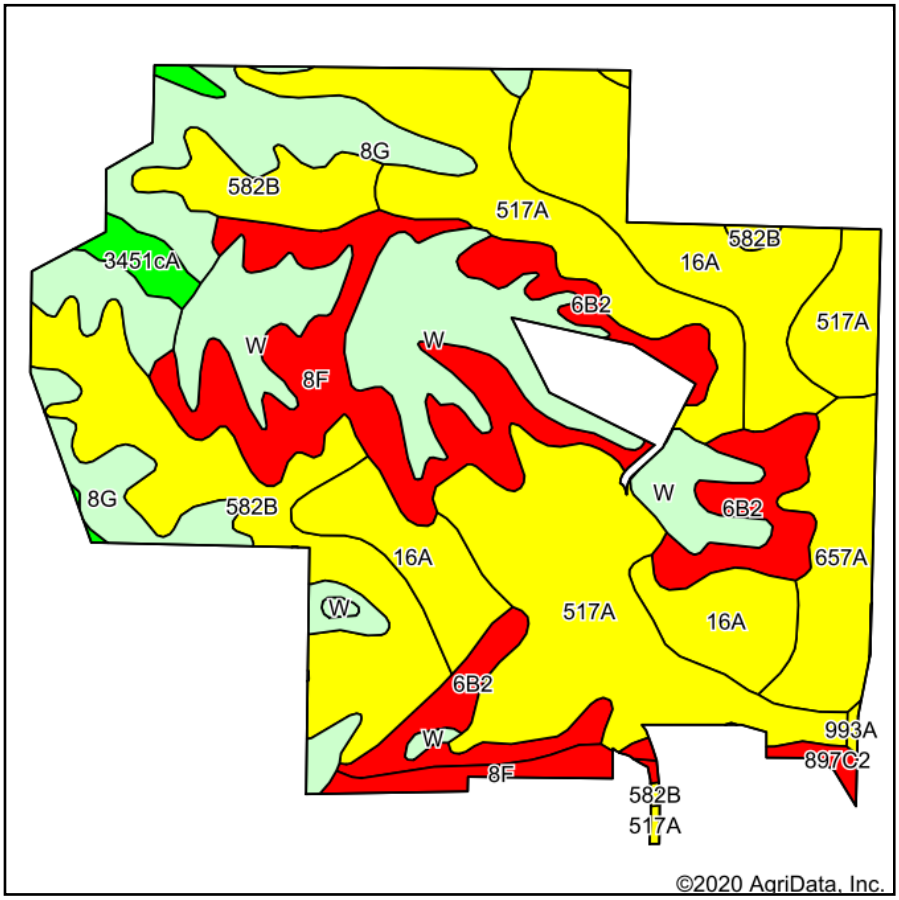
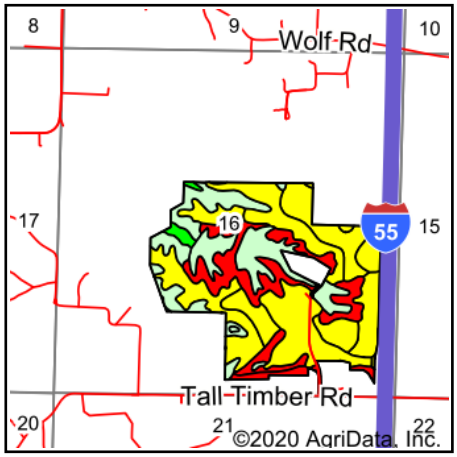
Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**
County: **Macoupin**
Location: **16-7N-6W**
Township: **Mount Olive**
Acres: **185.5**
Date: **10/7/2020**

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N W E S

Area Symbol: IL117, Soil Area Version: 15

Code	Soil Description	Acres	Percent of field	Il. State Productivity Index Legend	Corn Bu/A	Soybeans Bu/A	Crop productivity index for optimum management
517A	Marine silt loam, 0 to 2 percent slopes	43.23	23.3%		144	45	104
16A	Rushville silt loam, 0 to 2 percent slopes	26.67	14.4%		147	48	109
**582B	Homen silt loam, 2 to 5 percent slopes	25.35	13.7%		**149	**47	**108
W	Water	22.14	11.9%				
**8G	Hickory silt loam, 35 to 60 percent slopes	20.60	11.1%		**58	**20	**44
**8F	Hickory silt loam, 18 to 35 percent slopes	20.30	10.9%		**86	**29	**65
**6B2	Fishhook silt loam, 2 to 5 percent slopes, eroded	14.27	7.7%		**123	**39	**90
657A	Burksville silt loam, 0 to 2 percent slopes	9.17	4.9%		144	47	108
3451cA	Lawson silt loam, cool mesic, 0 to 2 percent slopes, frequently flooded	2.55	1.4%		190	61	140
**897C2	Bunkum-Atlas silt loams, 5 to 10 percent slopes, eroded	1.01	0.5%		**122	**42	**94
993A	Cowden-Piasa silt loams, 0 to 2 percent slopes	0.21	0.1%		149	48	112
				Weighted Average	**110.9**	**35.7**	**81.5**

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
*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.