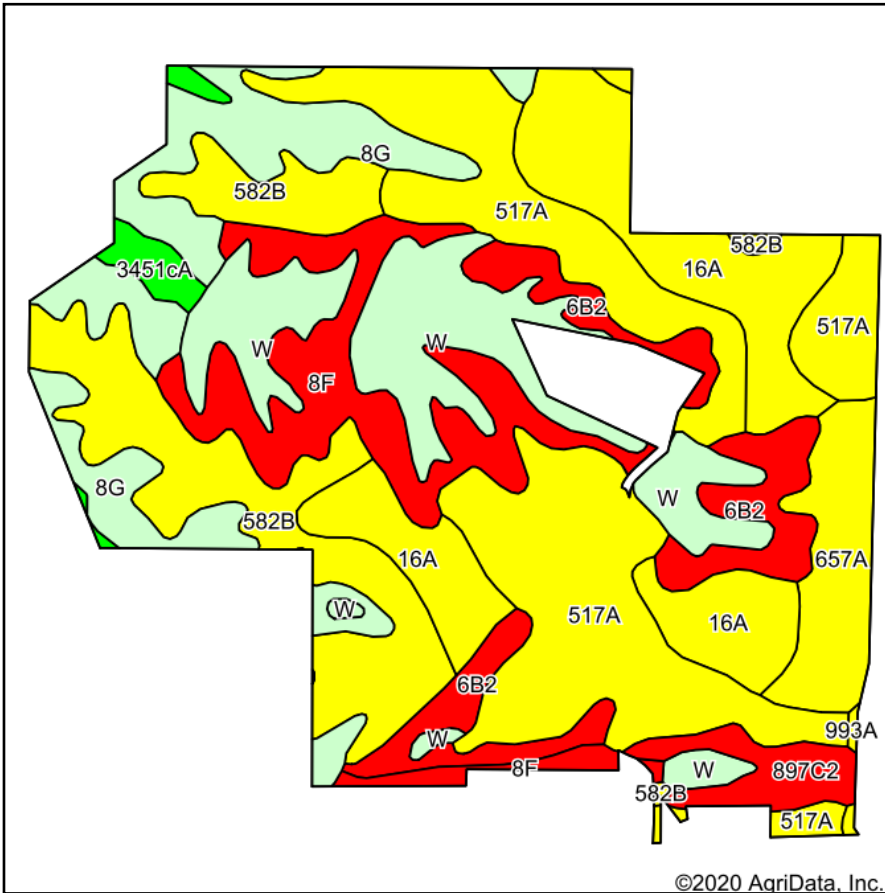
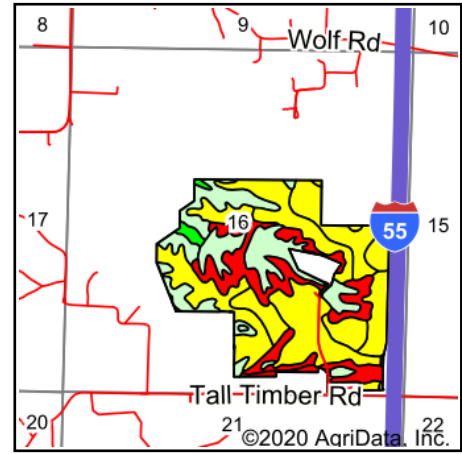


Soils Map



Soils data provided by USDA and NRCS.

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State: **Illinois**
 County: **Macoupin**
 Location: **16-7N-6W**
 Township: **Mount Olive**
 Acres: **190.8**
 Date: **7/13/2020**



Maps Provided By:



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Area Symbol: IL117. Soil Area Version: 14							
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	44.97	23.6%		144	45	104
16A	Rushville silt loam, 0 to 2 percent slopes	26.55	13.9%		147	48	109
**582B	Homen silt loam, 2 to 5 percent slopes	25.73	13.5%		**149	**47	**108
W	Water	22.96	12.0%				
**8G	Hickory silt loam, 35 to 60 percent slopes	20.89	10.9%		**58	**20	**44
**8F	Hickory silt loam, 18 to 35 percent slopes	19.46	10.2%		**86	**29	**65
**6B2	Fishhook silt loam, 2 to 5 percent slopes, eroded	13.98	7.3%		**123	**39	**90
657A	Burksville silt loam, 0 to 2 percent slopes	8.97	4.7%		144	47	108
**897C2	Bunkum-Atlas silt loams, 5 to 10 percent slopes, eroded	4.46	2.3%		**122	**42	**94
3451cA	Lawson silt loam, cool mesic, 0 to 2 percent slopes, frequently flooded	2.54	1.3%		190	61	140
993A	Cowden-Piasa silt loams, 0 to 2 percent slopes	0.29	0.2%		149	48	112
Weighted Average					111	35.7	81.6

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.