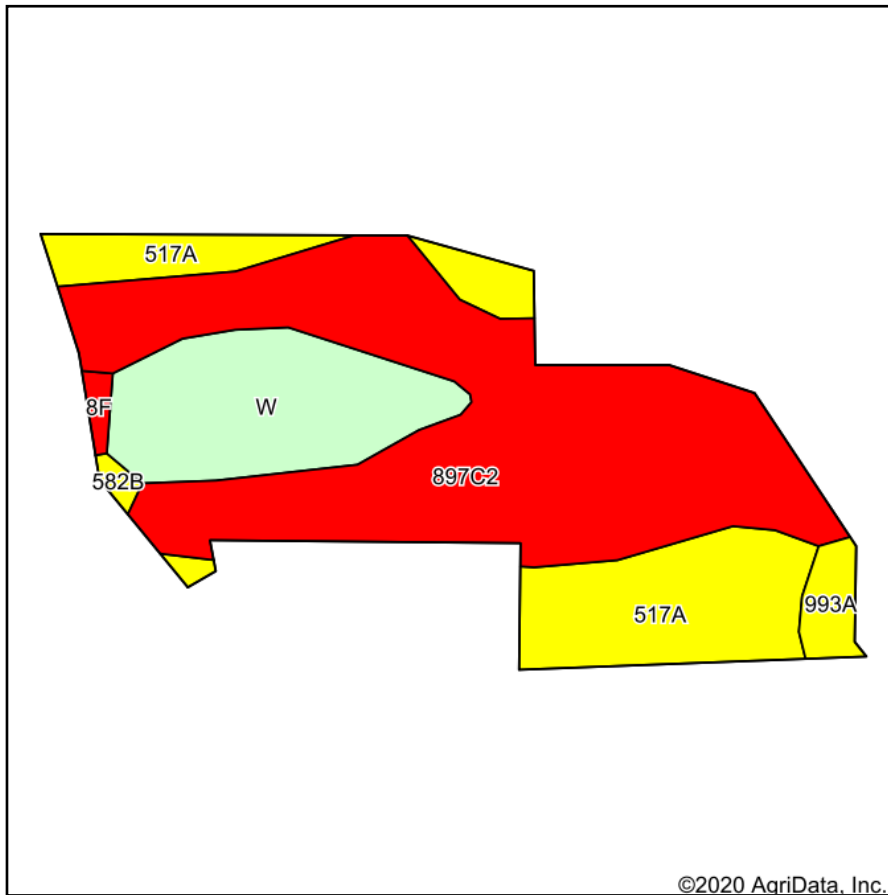
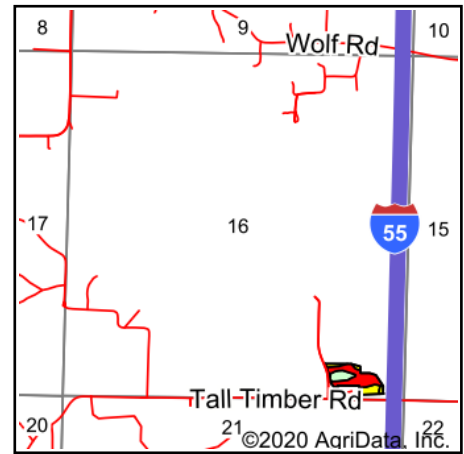


# Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**  
 County: **Macoupin**  
 Location: **16-7N-6W**  
 Township: **Mount Olive**  
 Acres: **6.25**  
 Date: **9/29/2020**



Maps Provided By:



| 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 |
| **897C2                                   | Bunkum-Atlas silt loams, 5 to 10 percent slopes, eroded | 3.55  | 56.8%            |                                     | **122     | **42          | **94   |
| 517A                                      | Marine silt loam, 0 to 2 percent slopes                 | 1.40  | 22.4%            |                                     | 144       | 45            | 104  |
| W   | Water   | 1.14  | 18.2%            |                                     |           |               |  |
| 993A                                      | Cowden-Piasa silt loams, 0 to 2 percent slopes          | 0.16  | 2.6%             |                                     | 149       | 48            | 112  |
| Weighted Average                          |   |       |                  |                                     | 105.4     | 35.2          | 79.6   |

**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.