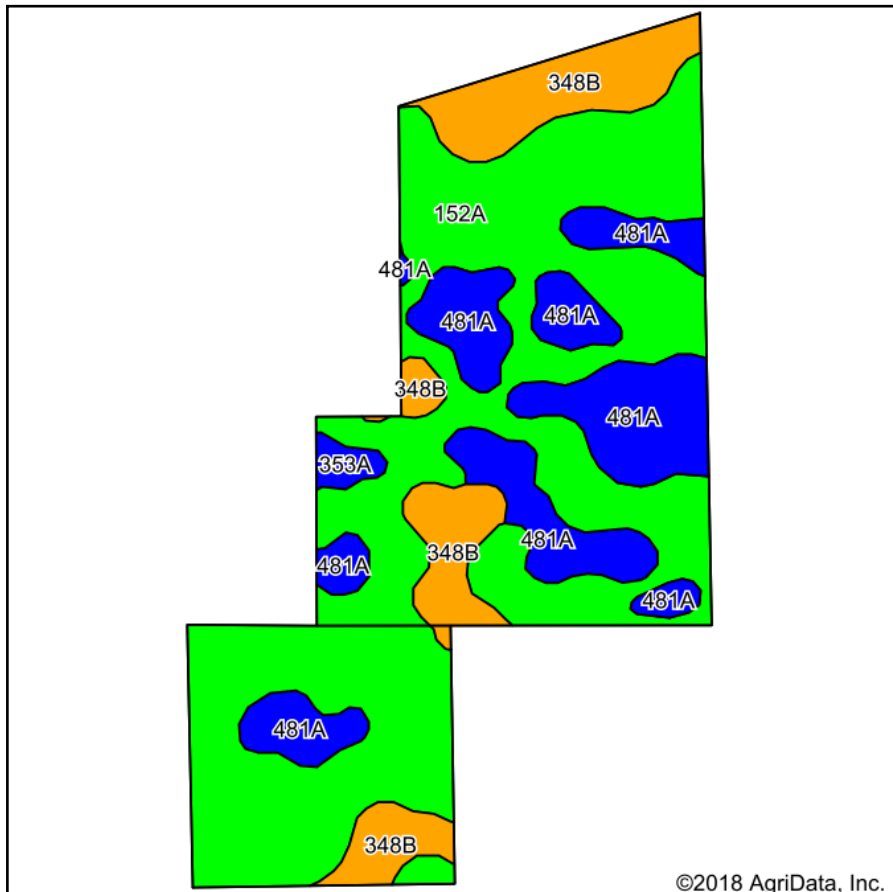
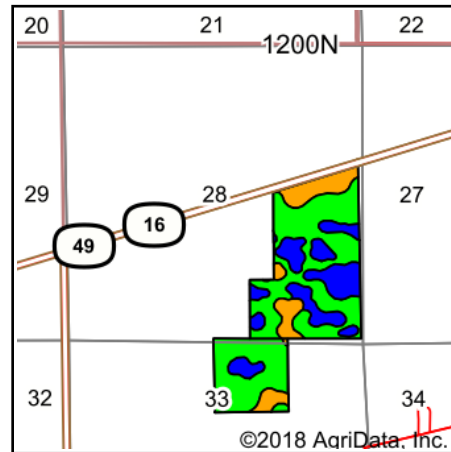


Mary Adams II Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**
 County: **Coles**
 Location: **28-13N-14W**
 Township: **Ashmore**
 Acres: **154.75**
 Date: **8/20/2018**



Maps Provided By:



Area Symbol: IL029, Soil Area Version: 17

| 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 |
|-------------------------|--|-------|------------------|-------------------------------------|------------------------------|--------------|---------------|-------------|------------------------|---------------------------|-------------------------------|-------------------------------------|--|
| 152A | Drummer silty clay loam, 0 to 2 percent slopes | 95.80 | 61.9% | | FAV | 195 | 63 | 73 | 100 | 0 | 0.00 | 5.64 | 144 |
| 481A | Raub silt loam, non-densic substratum, 0 to 2 percent slopes | 34.94 | 22.6% | | FAV | 183 | 58 | 73 | 102 | 0 | 0.00 | 5.64 | 134 |
| **348B | Wingate silt loam, 2 to 5 percent slopes | 22.40 | 14.5% | | FAV | **163 | **51 | **67 | **91 | 0 | **5.34 | 0.00 | **120 |
| 353A | Toronto silt loam, Bloomington Ridged Plain, 0 to 2 percent slopes | 1.61 | 1.0% | | FAV | 174 | 56 | 69 | 93 | 0 | 0.00 | 5.27 | 128 |
| Weighted Average | | | | | | 187.4 | 60.1 | 72.1 | 99.1 | * | 0.77 | 4.82 | 138.1 |

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

^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