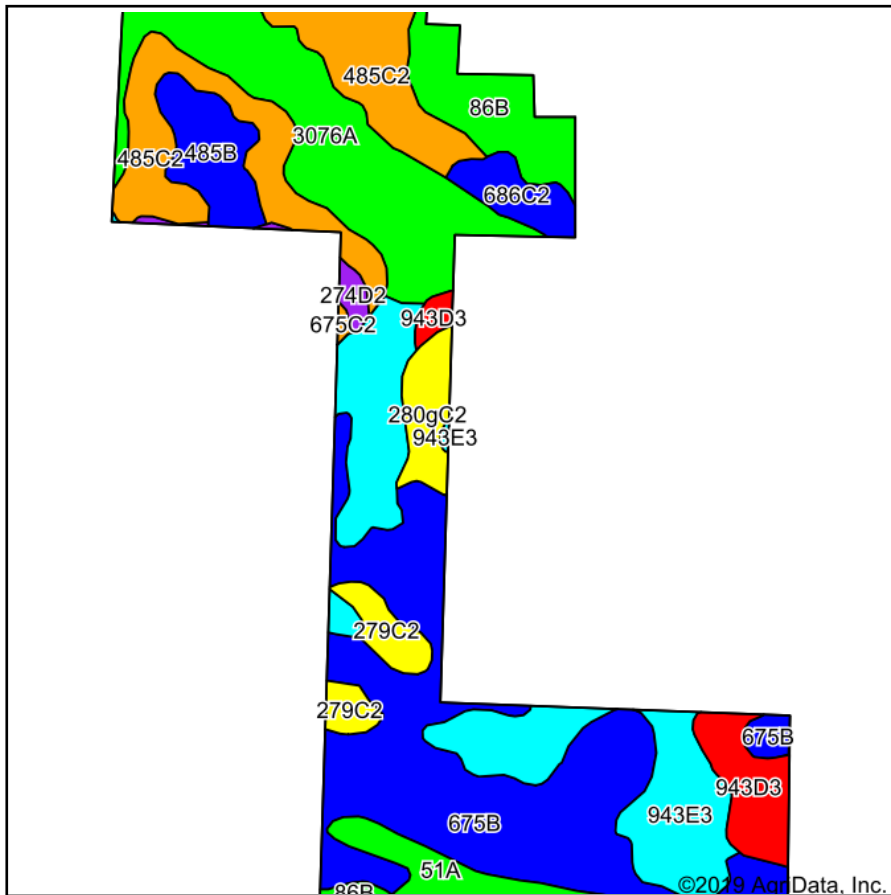
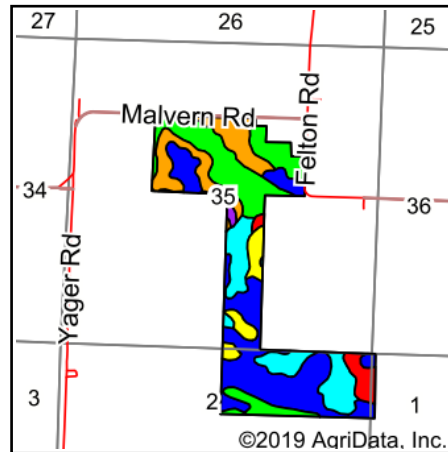


Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**
 County: **Whiteside**
 Location: **35-22N-5E**
 Township: **Clyde**
 Acres: **176.39**
 Date: **11/4/2019**

Maps Provided By:

 CUSTOMIZED ONLINE MAPPING
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| Area Symbol: IL195, Soil Area Version: 16 | | | | | | | | | | | | | |
|---|--|-------|------------------|-------------------------------------|-------------------|-----------|---------------|------------|-----------|----------------|--------------------|--------------------------|--|
| 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 | Sorghum c Bu/A | Alfalfa d hay, T/A | Grass-le gume e hay, T/A | Crop productivity index for optimum management |
| **675B | Greenbush silt loam, 2 to 5 percent slopes | 48.45 | 27.5% | | FAV | **182 | **57 | **69 | **96 | 0 | 0.00 | **5.34 | **133 |
| **943E3 | Seaton-Timula silt loams, 18 to 25 percent slopes, severely eroded | 27.48 | 15.6% | | FAV | **110 | **35 | **42 | **54 | 0 | **2.86 | 0.00 | **80 |
| 3076A | Otter silt loam, 0 to 2 percent slopes, frequently flooded | 27.11 | 15.4% | | FAV | 186 | 61 | 71 | 93 | 0 | 0.00 | 5.64 | 139 |
| **485C2 | Richwood silt loam, 5 to 10 percent slopes, eroded | 25.71 | 14.6% | | FAV | **173 | **53 | **66 | **95 | 0 | **6.06 | 0.00 | **126 |
| **86B | Oscos silt loam, 2 to 5 percent slopes | 10.76 | 6.1% | | FAV | **189 | **59 | **74 | **101 | 0 | **6.83 | 0.00 | **140 |
| **943D3 | Seaton-Timula silt loams, 10 to 18 percent slopes, severely eroded | 7.36 | 4.2% | | FAV | **131 | **41 | **50 | **65 | 0 | **3.41 | 0.00 | **96 |
| **485B | Richwood silt loam, 2 to 5 percent slopes | 7.35 | 4.2% | | FAV | **184 | **56 | **70 | **101 | 0 | **6.45 | 0.00 | **135 |
| 51A | Muscataune silt loam, 0 to 2 percent slopes | 6.10 | 3.5% | | FAV | 200 | 64 | 75 | 104 | 138 | 0.00 | 6.02 | 147 |
| **279C2 | Rozetta silt loam, 5 to 10 percent slopes, eroded | 4.70 | 2.7% | | FAV | **153 | **47 | **60 | **78 | 0 | **4.90 | 0.00 | **112 |
| **280gC2 | Fayette silt loam, glaciated, 5 to 10 percent slopes, eroded | 4.66 | 2.6% | | FAV | **155 | **49 | **61 | **79 | 0 | **4.90 | 0.00 | **113 |
| **686C2 | Parkway silt loam, 5 to 10 percent slopes, eroded | 4.24 | 2.4% | | FAV | **173 | **55 | **68 | **91 | 0 | **6.30 | 0.00 | **128 |



| | | | | | | | | | | | | | |
|-------------------------|---|------|------|--|-----|--------------|-------------|-------------|-------------|------------|-------------|-------------|--------------|
| **274D2 | Seaton silt loam, 10 to 18 percent slopes, eroded | 1.38 | 0.8% | | FAV | **148 | **45 | **57 | **76 | 0 | **4.02 | 0.00 | **107 |
| **943F2 | Seaton-Timula silt loams, 18 to 35 percent slopes, eroded | 0.83 | 0.5% | | FAV | **107 | **34 | **41 | **53 | 0 | **2.78 | 0.00 | **78 |
| **675C2 | Greenbush silt loam, 5 to 10 percent slopes, eroded | 0.26 | 0.1% | | FAV | **171 | **54 | **65 | **90 | 0 | 0.00 | **5.01 | **125 |
| Weighted Average | | | | | | 166.8 | 52.5 | 63.7 | 86.9 | 4.8 | 2.61 | 2.55 | 122.4 |

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".

*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.