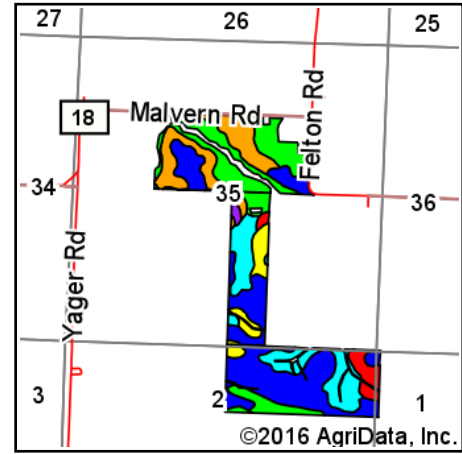
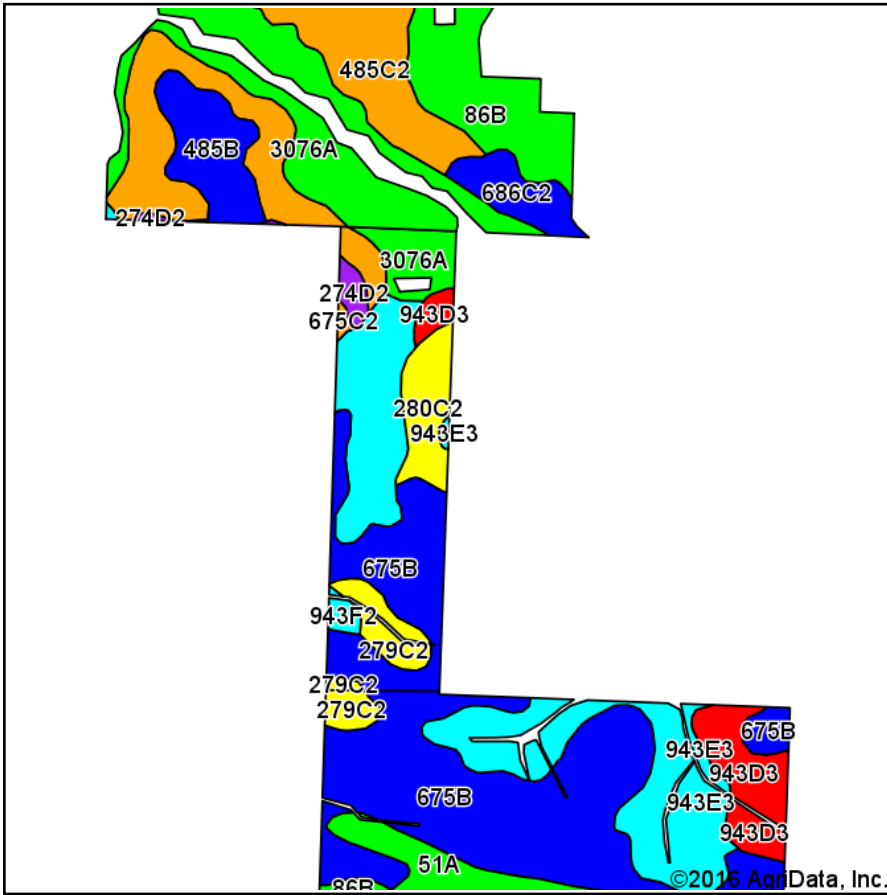


# Soils Map



State: **Illinois**  
 County: **Whiteside**  
 Location: **35-22N-5E**  
 Township: **Clyde**  
 Acres: **172.25**  
 Date: **2/5/2016**

Maps Provided By:  
  
 CUSTOMIZED ONLINE MAPPING  
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Soils data provided by USDA and NRCS.

## Area Symbol: IL195, Soil Area Version: 12

| 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-legume e hay, T/A | Crop productivity index for optimum management |
|---------|--|-------|------------------|-------------------------------------|-------------------|-----------|---------------|------------|-------------|----------------|--------------------|-------------------------|--|
| **675B  | Greenbush silt loam, 2 to 5 percent slopes                         | 48.86 | 28.4%            |                                     | FAV               | **182     | **57          | **69       | **96        | 0              | 0.00               | **5.34                  | **133  |
| **943E3 | Seaton-Timula silt loams, 18 to 25 percent slopes, severely eroded | 26.89 | 15.6%            |                                     | FAV               | **110     | **35          | **42       | **54        | 0              | **2.86             | 0.00                    | **80   |
| **485C2 | Richwood silt loam, 5 to 10 percent slopes, eroded                 | 25.80 | 15.0%            |                                     | FAV               | **173     | **53          | **66       | **95        | 0              | **6.06             | 0.00                    | **126  |
| 3076A   | Otter silt loam, 0 to 2 percent slopes, frequently flooded         | 21.66 | 12.6%            |                                     | FAV               | 186       | 61            | 71         | 93          | 0              | 0.00               | 5.64                    | 139  |
| **86B   | Osco silt loam, 2 to 5 percent slopes                              | 12.18 | 7.1%             |                                     | FAV               | **189     | **59          | **74       | **101       | 0              | **6.83             | 0.00                    | **140  |
| **943D3 | Seaton-Timula silt loams, 10 to 18 percent slopes, severely eroded | 7.37  | 4.3%             |                                     | FAV               | **131     | **41          | **50       | **65        | 0              | **3.41             | 0.00                    | **96   |
| **485B  | Richwood silt loam, 2 to 5 percent slopes                          | 7.29  | 4.2%             |                                     | FAV               | **184     | **56          | **70       | **101       | 0              | **6.45             | 0.00                    | **135  |
| 51A     | Muscataune silt loam, 0 to 2 percent slopes                        | 6.26  | 3.6%             |                                     | FAV               | 200       | 64            | 75         | 104         | 138            | 0.00               | 6.02                    | 147  |
| **280C2 | Fayette silt loam, 5 to 10 percent slopes, eroded                  | 4.79  | 2.8%             |                                     | FAV               | **155     | **49          | **61       | **79        | 0              | **4.90             | 0.00                    | **113  |
| **279C2 | Rozetta silt loam, 5 to 10 percent slopes, eroded                  | 4.49  | 2.6%             |                                     | FAV               | **153     | **47          | **60       | **78        | 0              | **4.90             | 0.00                    | **112  |
| **686C2 | Parkway silt loam, 5 to 10 percent slopes, eroded                  | 4.31  | 2.5%             |                                     | FAV               | **173     | **55          | **68       | **91        | 0              | **6.30             | 0.00                    | **128  |
| **274D2 | Seaton silt loam, 10 to 18 percent slopes, eroded                  | 1.26  | 0.7%             |                                     | FAV               | **148     | **45          | **57       | **76        | 0              | **4.02             | 0.00                    | **107  |

|                         |   |      |      |  |     |              |             |             |           |          |             |             |              |
|-------------------------|---|------|------|--|-----|--------------|-------------|-------------|-----------|----------|-------------|-------------|--------------|
| **943F2                 | Seaton-Timula silt loams, 18 to 35 percent slopes, eroded | 0.84 | 0.5% |  | FAV | **107        | **34        | **41        | **53      | 0        | **2.78      | 0.00        | **78         |
| **675C2                 | Greenbush silt loam, 5 to 10 percent slopes, eroded       | 0.25 | 0.1% |  | FAV | **171        | **54        | **65        | **90      | 0        | 0.00        | **5.01      | **125        |
| <b>Weighted Average</b> |   |      |      |  |     | <b>166.6</b> | <b>52.4</b> | <b>63.7</b> | <b>87</b> | <b>5</b> | <b>2.72</b> | <b>2.45</b> | <b>122.2</b> |

Area Symbol: IL195, Soil Area Version: 12

**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:

<https://www.ideals.illinois.edu/handle/2142/1027/>

\*\* 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.