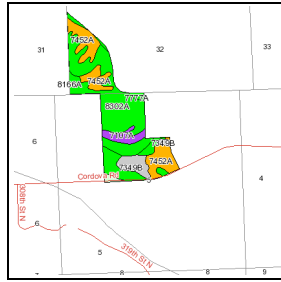
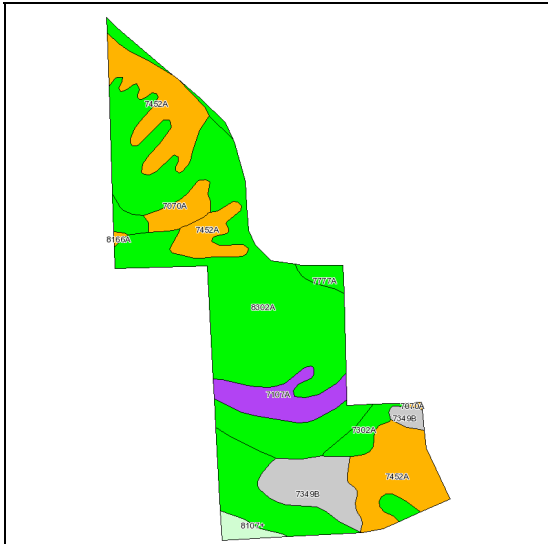


**Soils Map**



State: **Illinois**  
 County: **Whiteside**  
 Location: **005-019N-003E**  
 Township: **Erie**  
 Acres: **149.2**  
 Date: **11/30/2011**



Fsa borders provided by the Farm Service Agency as of May 23, 2008.  
 Soils data provided by USDA and NRCS.  
 PLSS provided by Illinois State Geological Survey.

| 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 |
|-------------------------|--|-------|------------------|-------------------------------------|-------------------|--------------|---------------|-------------|-------------|----------------|--------------------|-------------------------|--|
| 8302A                   | Ambraw loam, 0 to 2 percent slopes, occasionally flooded                 | 73.7  | 49.3%            | Green                               | FAV               | 154          | 50            | 61          | 75          | 0              | 0.00               | 5.02                    | 114  |
| 7452A                   | Riley loam, 0 to 2 percent slopes, rarely flooded                        | 31    | 20.8%            | Orange                              | FAV               | 172          | 55            | 66          | 87          | 0              | 0.00               | 5.02                    | 127  |
| 7777A                   | Adrian muck, 0 to 2 percent slopes, rarely flooded                       | 15.6  | 10.5%            | Light Green                         | FAV               | 146          | 49            | 0           | 0           | 0              | 0.00               | 0.00                    | 110  |
| 7349B                   | Zumbro sandy loam, 1 to 4 percent slopes, rarely flooded                 | 11.2  | 7.5%             | Grey                                | FAV               | 133          | 44            | 54          | 65          | 0              | 3.14               | 0.00                    | 98   |
| 7107A                   | Sawmill silty clay loam, 0 to 2 percent slopes, rarely flooded           | 8.2   | 5.5%             | Purple                              | FAV               | 189          | 60            | 71          | 98          | 0              | 0.00               | 5.77                    | 139  |
| 7070A                   | Beaucoup silty clay loam, 0 to 2 percent slopes, rarely flooded          | 3.9   | 2.6%             | Orange                              | FAV               | 176          | 58            | 69          | 90          | 0              | 0.00               | 5.39                    | 132  |
| 7302A                   | Ambraw clay loam, 0 to 2 percent slopes, rarely flooded                  | 3.4   | 2.3%             | Green                               | FAV               | 154          | 50            | 61          | 75          | 0              | 0.00               | 5.02                    | 114  |
| 8107+                   | Sawmill silt loam, 0 to 2 percent slopes, occasionally flooded, overwash | 2     | 1.3%             | Light Green                         |                   |              |               |             |             |                |                    |                         |  |
| 8166A                   | Cohoctah loam, 0 to 2 percent slopes, occasionally flooded               | 0.2   | 0.2%             | Orange                              | FAV               | 177          | 60            | 74          | 93          | 0              | 0.00               | 4.89                    | 133  |
| <b>Weighted Average</b> |  |       |                  |                                     |                   | <b>155.9</b> | <b>50.6</b>   | <b>55.1</b> | <b>69.6</b> | <b>0</b>       | <b>0.24</b>        | <b>4.10</b>             | <b>115.5</b>                                   |

**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: 1/15/2011**  
 Amended Table S2 B811 (Updated 3/1/2011)

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".