### Soils Map

State: Illinois  
County: Jackson  
Location: 26-7S-3W  
Township: Ora  
Acres: 140.62  
Date: 2/24/2020

Soils data provided by USDA and NRCS.

<table>
<thead>
<tr>
<th>Area Symbol</th>
<th>Soil Description</th>
<th>Acres</th>
<th>Percent of field</th>
<th>Subsoil rooting</th>
<th>Corn Bu/A</th>
<th>Soybeans Bu/A</th>
<th>Wheat Bu/A</th>
<th>Oats Bu/A</th>
<th>Sorghum Bu/A</th>
<th>Alfalfa hay, T/A</th>
<th>Grass-legume hay, T/A</th>
<th>Crop productivity index for optimum management</th>
</tr>
</thead>
<tbody>
<tr>
<td>3333A</td>
<td>Wakeland silt loam, 0 to 2 percent slopes, frequently flooded</td>
<td>73.73</td>
<td>52.4%</td>
<td>FAV</td>
<td>174</td>
<td>56</td>
<td>68</td>
<td>85</td>
<td>0</td>
<td>0.00</td>
<td>5.14</td>
<td>128</td>
</tr>
<tr>
<td><strong>701D3</strong></td>
<td>Menfro-Hickory complex, 10 to 18 percent slopes, severely eroded</td>
<td>32.23</td>
<td>22.9%</td>
<td>FAV</td>
<td><strong>120</strong></td>
<td><strong>39</strong></td>
<td><strong>47</strong></td>
<td><strong>56</strong></td>
<td>0</td>
<td><strong>3.66</strong></td>
<td>0.00</td>
<td><strong>89</strong></td>
</tr>
<tr>
<td><strong>582B</strong></td>
<td>Homen silt loam, 2 to 5 percent slopes</td>
<td>19.47</td>
<td>13.8%</td>
<td>FAV</td>
<td><strong>149</strong></td>
<td><strong>47</strong></td>
<td><strong>55</strong></td>
<td>0</td>
<td><strong>113</strong></td>
<td><strong>3.72</strong></td>
<td>0.00</td>
<td><strong>108</strong></td>
</tr>
<tr>
<td><strong>582C3</strong></td>
<td>Homen silty clay loam, 5 to 10 percent slopes, severely eroded</td>
<td>15.19</td>
<td>10.8%</td>
<td>FAV</td>
<td><strong>129</strong></td>
<td><strong>40</strong></td>
<td><strong>48</strong></td>
<td>0</td>
<td><strong>98</strong></td>
<td><strong>3.23</strong></td>
<td>0.00</td>
<td><strong>94</strong></td>
</tr>
</tbody>
</table>

**Weighted Average**  
153.3  49.1  59.2  57.4  26.2  1.70  2.70  112.6

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/](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.