Soils data provided by USDA and NRCS.

<table>
<thead>
<tr>
<th>Code</th>
<th>Soil Description</th>
<th>Acres</th>
<th>Percent of field</th>
<th>II. State Productivity Index Legend</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>3302 A</td>
<td>Ambraw clay loam, 0 to 2 percent slopes, frequently flooded</td>
<td>55.5</td>
<td>46.0%</td>
<td>FAV</td>
<td></td>
<td>154</td>
<td>50</td>
<td>61</td>
<td>75</td>
<td>0</td>
<td>0.00</td>
<td>5.02</td>
<td>114</td>
</tr>
<tr>
<td>7286 A</td>
<td>Carmi sandy loam, 0 to 2 percent slopes, rarely flooded</td>
<td>30.2</td>
<td>25.0%</td>
<td>FAV</td>
<td></td>
<td>146</td>
<td>45</td>
<td>60</td>
<td>77</td>
<td>0</td>
<td>4.26</td>
<td>0.00</td>
<td>106</td>
</tr>
<tr>
<td>3431 A</td>
<td>Genesee silt loam, 0 to 2 percent slopes, frequently flooded</td>
<td>18.0</td>
<td>14.9%</td>
<td>FAV</td>
<td></td>
<td>171</td>
<td>54</td>
<td>65</td>
<td>80</td>
<td>0</td>
<td>5.39</td>
<td>0.00</td>
<td>125</td>
</tr>
<tr>
<td>3665 A</td>
<td>Stonelick loam, 0 to 2 percent slopes, frequently flooded</td>
<td>10.2</td>
<td>8.5%</td>
<td>FAV</td>
<td></td>
<td>143</td>
<td>44</td>
<td>54</td>
<td>64</td>
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<td>3.64</td>
<td>0.00</td>
<td>103</td>
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<tr>
<td>3424 A</td>
<td>Shoals silt loam, 0 to 2 percent slopes, frequently flooded</td>
<td>6.76</td>
<td>5.6%</td>
<td>FAV</td>
<td></td>
<td>174</td>
<td>55</td>
<td>69</td>
<td>88</td>
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<td>0.00</td>
<td>5.27</td>
<td>127</td>
</tr>
</tbody>
</table>

| Weighted Average | 154.7 | 49.1 | 61.2 | 76  | 2.18 | 2.60 | 113.4 |

Area Symbol: IL023, Soil Area Version: 10

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
- UNF = unfavorable; FAV = favorable
- Soils in the southern region were not rated for oats and are shown with a zero "0".
- Soils in the northern region or in both regions were not rated for grain sorghum and are shown with a zero "0".
- Soils in the poorly drained group were not rated for alfalfa and are shown with a zero "0".
- 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