### Soils Map

**State:** Illinois  
**County:** Monroe  
**Location:** 5-5S-10W  
**Township:** Precinct 13  
**Acres:** 101.49  
**Date:** 1/23/2020

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>Subsoil rooting a</th>
<th>Corn Bu/A</th>
<th>Soybeans Bu/A</th>
<th>Wheat Bu/A</th>
<th>Oats Bu/A b</th>
<th>Sorghum c Bu/A</th>
<th>Alfalfa d hay, T/A</th>
<th>Grass-legume e hay, T/A</th>
<th>Crop productivity index for optimum management</th>
</tr>
</thead>
<tbody>
<tr>
<td>8302A</td>
<td>Ambraw silty clay loam, 0 to 2 percent slopes, occasionally flooded</td>
<td>57.69</td>
<td>56.8%</td>
<td>FAV</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>8394B</td>
<td>Haynie silt loam, 2 to 5 percent slopes, occasionally flooded</td>
<td>30.33</td>
<td>29.9%</td>
<td>FAV</td>
<td>163</td>
<td>52</td>
<td>60</td>
<td>80</td>
<td>0</td>
<td>3.89</td>
<td>0.00</td>
<td>118</td>
</tr>
<tr>
<td>1591A</td>
<td>Fults silty clay, undrained, 0 to 2 percent slopes, occasionally flooded</td>
<td>11.89</td>
<td>11.7%</td>
<td>FAV</td>
<td>155</td>
<td>50</td>
<td>59</td>
<td>0</td>
<td>118</td>
<td>0.00</td>
<td>4.64</td>
<td>115</td>
</tr>
<tr>
<td>3847L</td>
<td>Fluvaquents-Orthents complex, frequently flooded, long duration</td>
<td>1.58</td>
<td>1.6%</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>.00</td>
<td>.00</td>
<td></td>
</tr>
</tbody>
</table>

Weighted Average: 154.4 49.8 59.3 66.5 13.8 1.15 3.38 113.5

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.