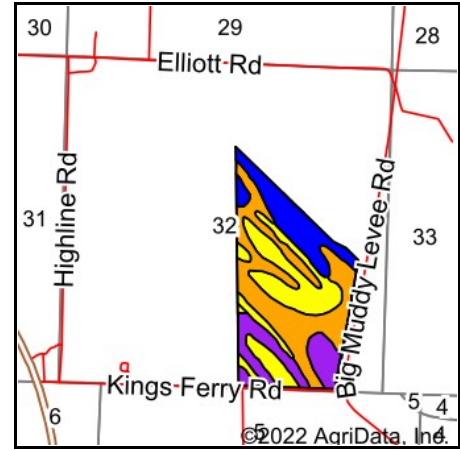
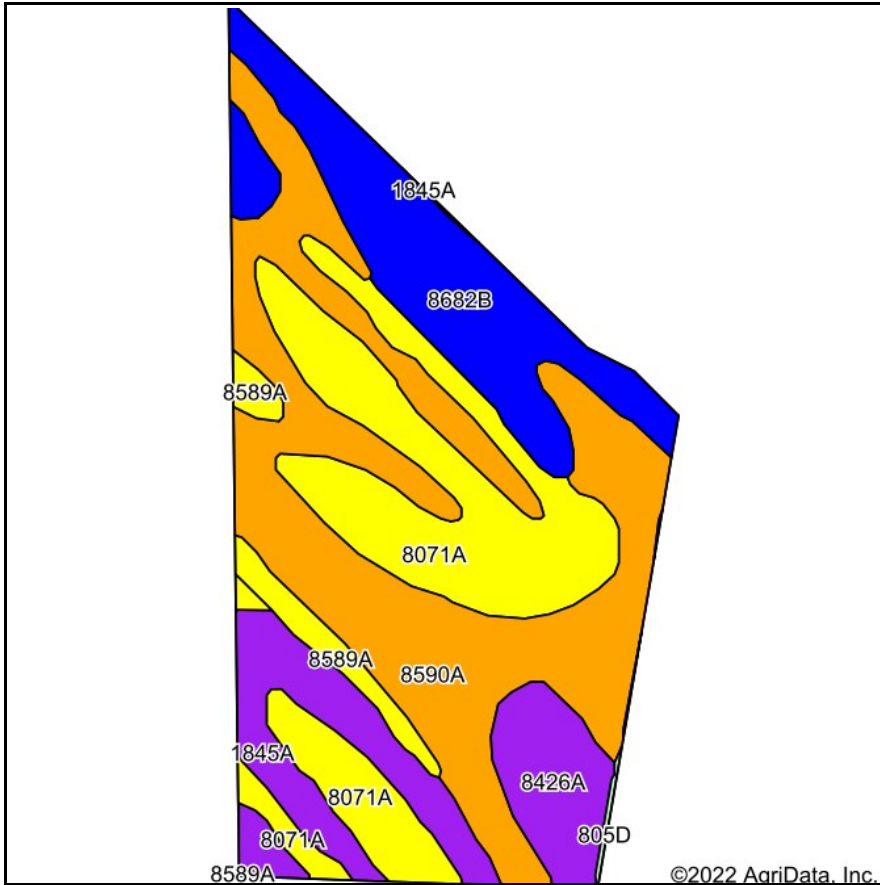


# Soils Map



State: **Illinois**  
 County: **Jackson**  
 Location: **32-10S-3W**  
 Township: **Grand Tower**  
 Acres: **126.27**  
 Date: **11/1/2022**



Maps Provided By:



Area Symbol: IL077, Soil Area Version: 21

Code	Soil Description	Acres	Percent of field	Il. State Productivity Index Legend	Subsoil rooting <i>a</i>	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Oats Bu/A <i>b</i>	Sorghum <i>c</i> Bu/A	Alfalfa <i>d</i> hay, T/A	Grass-legume <i>e</i> hay, T/A	Crop productivity index for optimum management
8590A	Cairo silty clay, 0 to 2 percent slopes, occasionally flooded	46.90	37.1%		FAV	159	53	61	79	0	0.00	4.77	119
8071A	Darwin silty clay, 0 to 2 percent slopes, occasionally flooded	32.51	25.7%		FAV	149	50	60	71	0	0.00	4.39	111
8682B	Medway silty clay loam, 1 to 6 percent slopes, occasionally flooded	22.09	17.5%		FAV	176	57	69	85	0	5.64	0.00	131
1845A	Darwin and Jacob silty clays, undrained, 0 to 2 percent slopes, frequently flooded	12.49	9.9%		FAV	131	46	52	0	97	0.00	4.02	101

Code	Soil Description	Acres	Percent of field	Il. State Productivity Index Legend	Subsoil rooting <sup>a</sup>	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Oats Bu/A <sup>b</sup>	Sorghum <sup>c</sup> Bu/A	Alfalfa <sup>d</sup> hay, T/A	Grass-legume <sup>e</sup> hay, T/A	Crop productivity index for optimum management
8426A	Karnak silty clay, 0 to 2 percent slopes, occasionally flooded	7.77	6.2%		FAV	134	45	53	59	0	0.00	4.01	101
8589A	Bowdre silty clay, 0 to 3 percent slopes, occasionally flooded	4.19	3.3%		FAV	152	48	58	77	0	0.00	4.52	111
805D	Orthents, clayey, sloping	0.32	0.3%		CROP YIELD DATA NOT AVAILABLE						.00	.00	
<b>Weighted Average</b>						<b>154.5</b>	<b>51.4</b>	<b>60.5</b>	<b>68.7</b>	<b>9.6</b>	<b>0.98</b>	<b>3.69</b>	<b>115.6</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: 1/2/2012 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/>

\*\* 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".