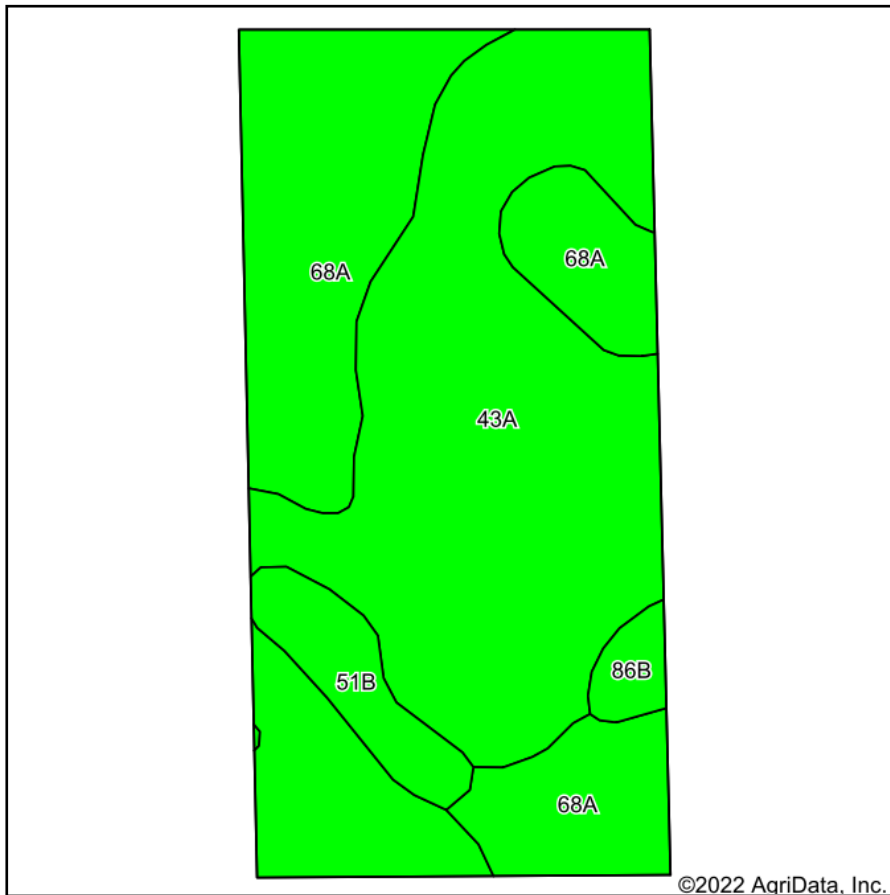
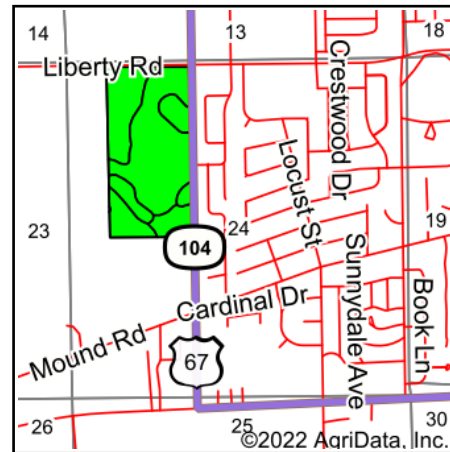


# Soils Map



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Soils data provided by USDA and NRCS.



State: **Illinois**  
 County: **Morgan**  
 Location: **24-15N-11W**  
 Township: **Jacksonville No. 24**  
 Acres: **79.4**  
 Date: **1/23/2022**

Maps Provided By:



Area Symbol: IL137, Soil Area Version: 12

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
43A	Ipava silt loam, 0 to 2 percent slopes	46.35	58.4%		FAV	191	62	77	100	0	0.00	5.90	142
68A	Sable silty clay loam, 0 to 2 percent slopes	27.11	34.1%		FAV	192	63	74	99	0	0.00	5.77	143
**51B	Muscataine silt loam, 2 to 5 percent slopes	4.39	5.5%		FAV	**198	**63	**74	**103	**137	0.00	**5.96	**146
**86B	Osco silt loam, 2 to 5 percent slopes	1.55	2.0%		FAV	**189	**59	**74	**101	0	**6.83	0.00	**140
<b>Weighted Average</b>						<b>191.7</b>	<b>62.3</b>	<b>75.8</b>	<b>99.8</b>	<b>7.6</b>	<b>0.13</b>	<b>5.74</b>	<b>142.5</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: 1/2/2012 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

<sup>a</sup> UNF = unfavorable; FAV = favorable

<sup>b</sup> Soils in the southern region were not rated for oats and are shown with a zero "0".

<sup>c</sup> Soils in the northern region or in both regions were not rated for grain sorghum and are shown with a zero "0".

<sup>d</sup> Soils in the poorly drained group were not rated for alfalfa and are shown with a zero "0".

<sup>e</sup> 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.