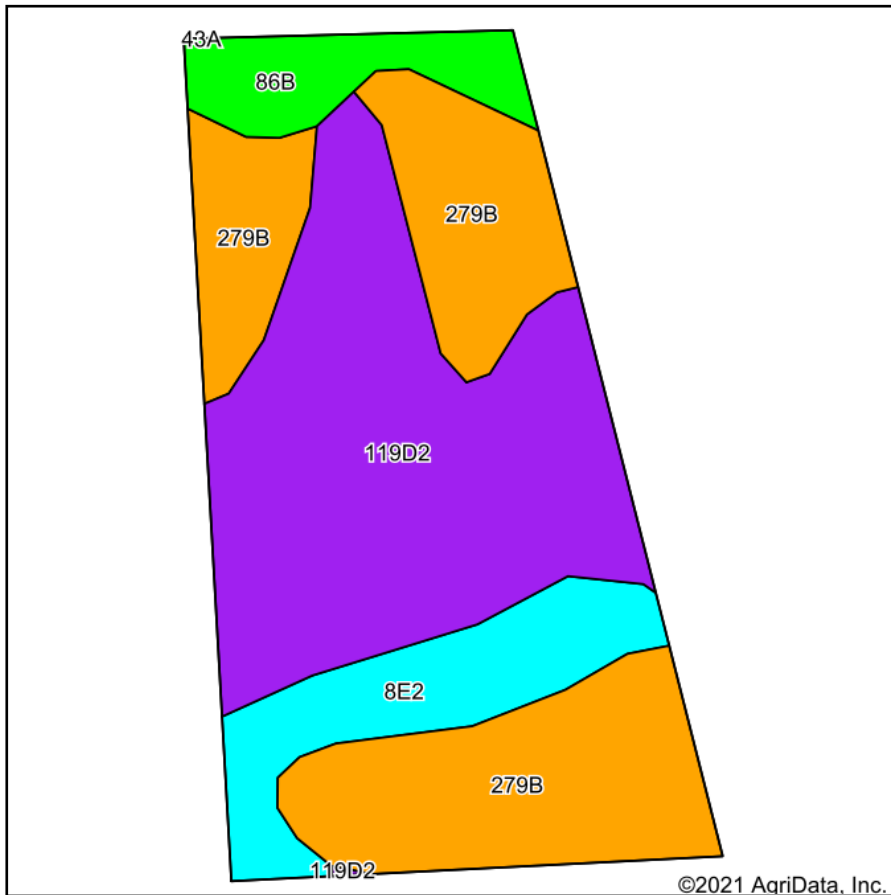
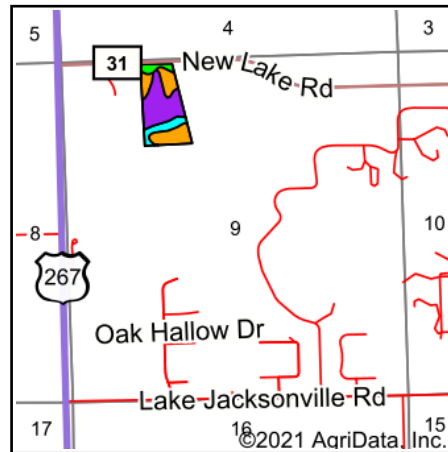


# Soils Map



Soils data provided by USDA and NRCS.

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State: **Illinois**  
 County: **Morgan**  
 Location: **9-14N-10W**  
 Township: **Jacksonville No. 24**  
 Acres: **18.17**  
 Date: **1/11/2021**



Maps Provided By:



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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-leg <sup>e</sup> ume hay, T/A	Crop productivity index for optimum management
**119D2	Elco silt loam, 10 to 18 percent slopes, eroded	7.78	42.8%		FAV	**134	**44	**53	**67	0	**3.79	0.00	**100
**279B	Rozetta silt loam, 2 to 5 percent slopes	6.70	36.9%		FAV	**162	**50	**64	**83	0	**5.22	0.00	**119
**8E2	Hickory silt loam, 18 to 25 percent slopes, eroded	2.39	13.2%		FAV	**91	**31	**37	**42	0	**3.02	0.00	**69
**86B	Osco silt loam, 2 to 5 percent slopes	1.30	7.2%		FAV	**189	**59	**74	**101	0	**6.83	0.00	**140
<b>Weighted Average</b>						<b>142.6</b>	<b>45.6</b>	<b>56.5</b>	<b>72</b>	<b>*-</b>	<b>4.43</b>	<b>0.00</b>	<b>105.8</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".

\*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.