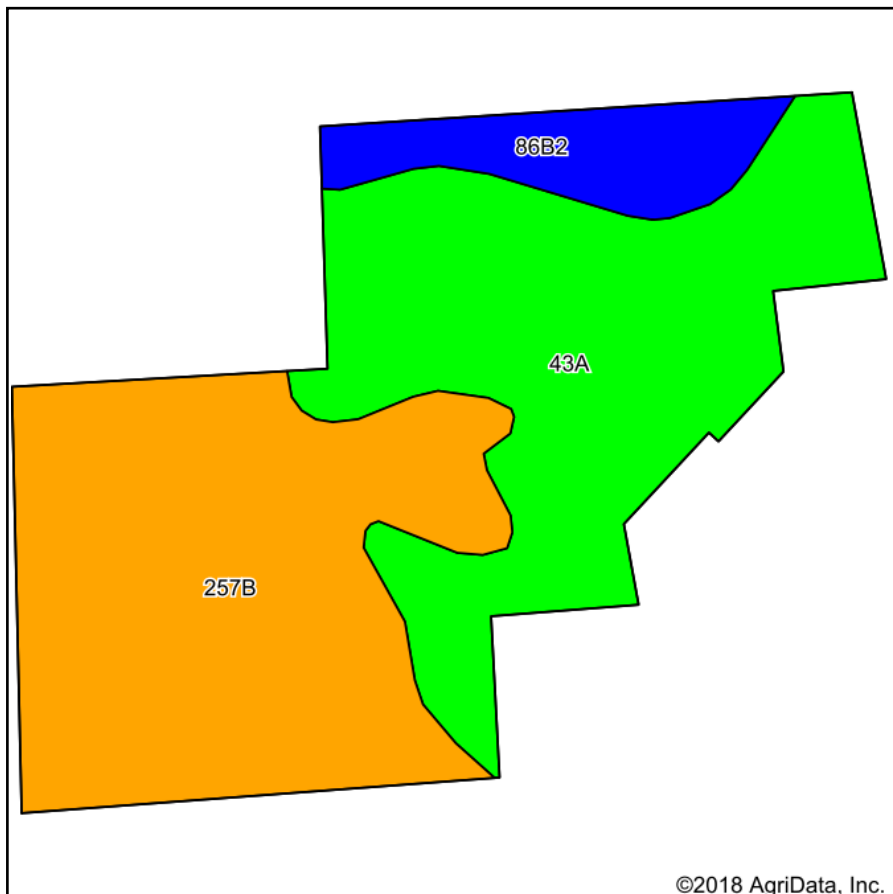
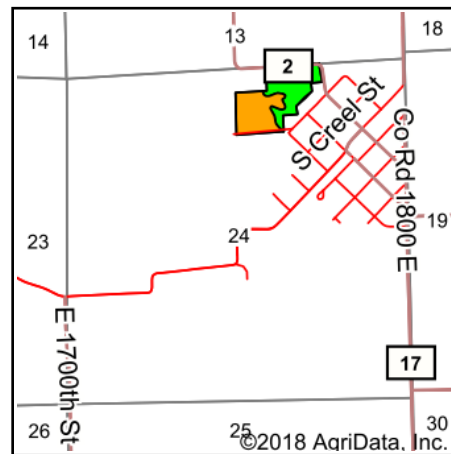


# Carlisle Soils Map



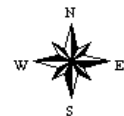
Soils data provided by USDA and NRCS.



State: **Illinois**  
 County: **McDonough**  
 Location: **24-6N-2W**  
 Township: **Macomb**  
 Acres: **20.73**  
 Date: **8/16/2018**



Maps Provided By:



Area Symbol: IL109, Soil Area Version: 13

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
**257B	Clarksdale silt loam, 2 to 5 percent slopes	9.62	46.4%		FAV	**172	**55	**68	**88	0	0.00	**5.22	**127
43A	Ipava silt loam, 0 to 2 percent slopes	9.21	44.4%		FAV	191	62	77	100	0	0.00	5.90	142
**86B2	Osco silt loam, 2 to 5 percent slopes, eroded	1.90	9.2%		FAV	**181	**57	**71	**97	0	**6.56	0.00	**134
<b>Weighted Average</b>						<b>181.3</b>	<b>58.3</b>	<b>72.3</b>	<b>94.2</b>	<b>*</b>	<b>0.60</b>	<b>5.04</b>	<b>134.3</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.

\*c: Using Capabilities Class Dominant Condition Aggregation Method