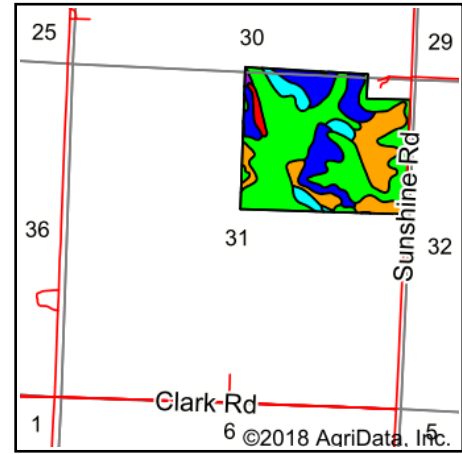
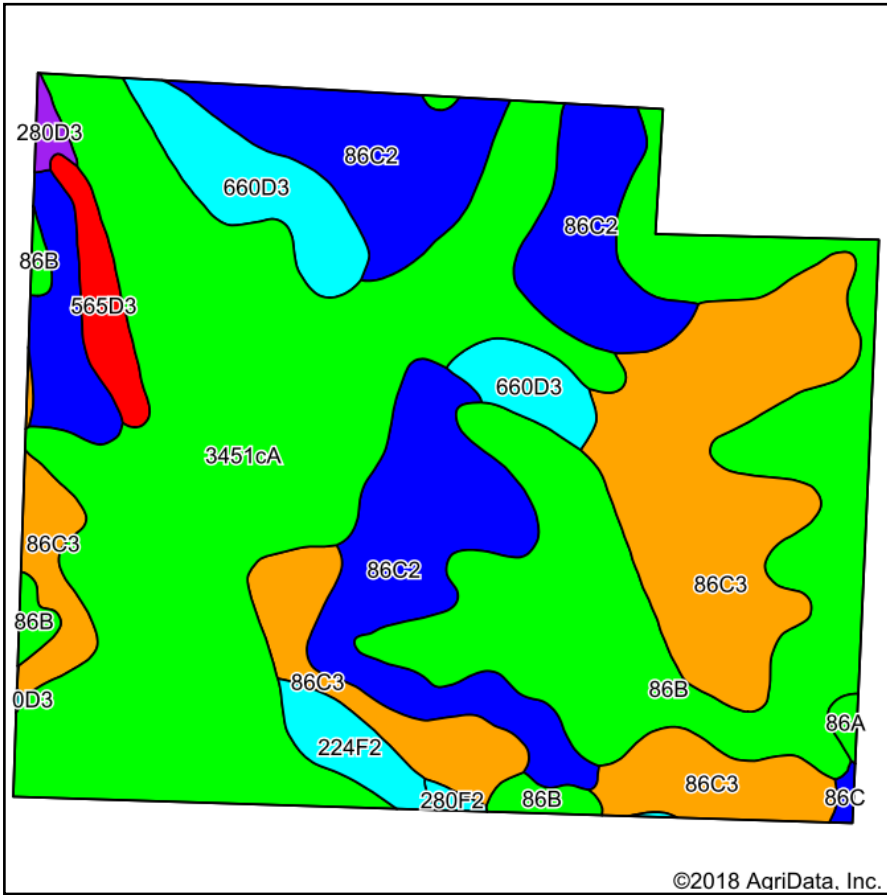


Soils Map



State: **Illinois**
 County: **Carroll**
 Location: **31-23N-7E**
 Township: **Elkhorn Grove**
 Acres: **128.08**
 Date: **12/24/2018**

Maps Provided By:

 CUSTOMIZED ONLINE MAPPING
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Soils data provided by USDA and NRCS.

Area Symbol: IL015, Soil Area Version: 14

Code	Soil Description	Acres	Percent of field	Il. State Productivity Index Legend	Subsoil rooting a	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Oats Bu/A b	Sorghum c Bu/A	Alfalfa d hay, T/A	Grass-le gume e hay, T/A	Crop productivity index for optimum management
3451cA	Lawson silt loam, cool mesic, 0 to 2 percent slopes, frequently flooded	41.36	32.3%		FAV	190	61	73	97	0	0.00	5.77	140
**86B	Oscosilt loam, 2 to 5 percent slopes	25.40	19.8%		FAV	**189	**59	**74	**101	0	**6.83	0.00	**140
**86C2	Oscosilt loam, 5 to 10 percent slopes, eroded	25.16	19.6%		FAV	**178	**56	**70	**95	0	**6.42	0.00	**131
**86C3	Oscosilty clay loam, 5 to 10 percent slopes, severely eroded	24.50	19.1%		FAV	**164	**52	**65	**88	0	**5.93	0.00	**121
**660D3	Coatsburg silty clay loam, 10 to 18 percent slopes, severely eroded	6.31	4.9%		UNF	**89	**30	**35	**42	0	0.00	**2.68	**67
**565D3	Tell silt loam, 10 to 18 percent slopes, severely eroded	2.13	1.7%		FAV	**124	**41	**49	**62	0	**3.15	0.00	**91
**224F2	Strawn silt loam, 18 to 35 percent slopes, eroded	1.97	1.5%		FAV	**92	**31	**37	**40	0	**2.32	0.00	**69
**280D3	Fayette silty clay loam, glaciated, 10 to 18 percent slopes, severely eroded	0.47	0.4%		FAV	**135	**43	**53	**69	0	**4.27	0.00	**99
86A	Oscosilt loam, 0 to 2 percent slopes	0.30	0.2%		FAV	191	60	75	102	0	6.90	0.00	141
**280F2	Fayette silt loam, 18 to 35 percent slopes, moderately eroded	0.27	0.2%		FAV	**110	**35	**44	**56	0	**3.48	0.00	**81
**86C	Oscosilt loam, 5 to 10 percent slopes	0.21	0.2%		FAV	**185	**58	**73	**99	0	**6.69	0.00	**137



Weighted Average	174.5	55.5	68.1	91.3	*-	3.89	2.00	128.8
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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".

*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.