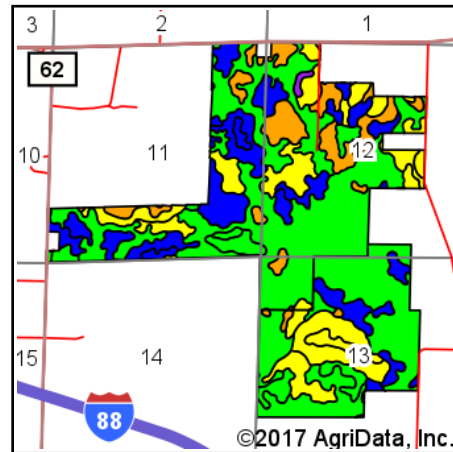
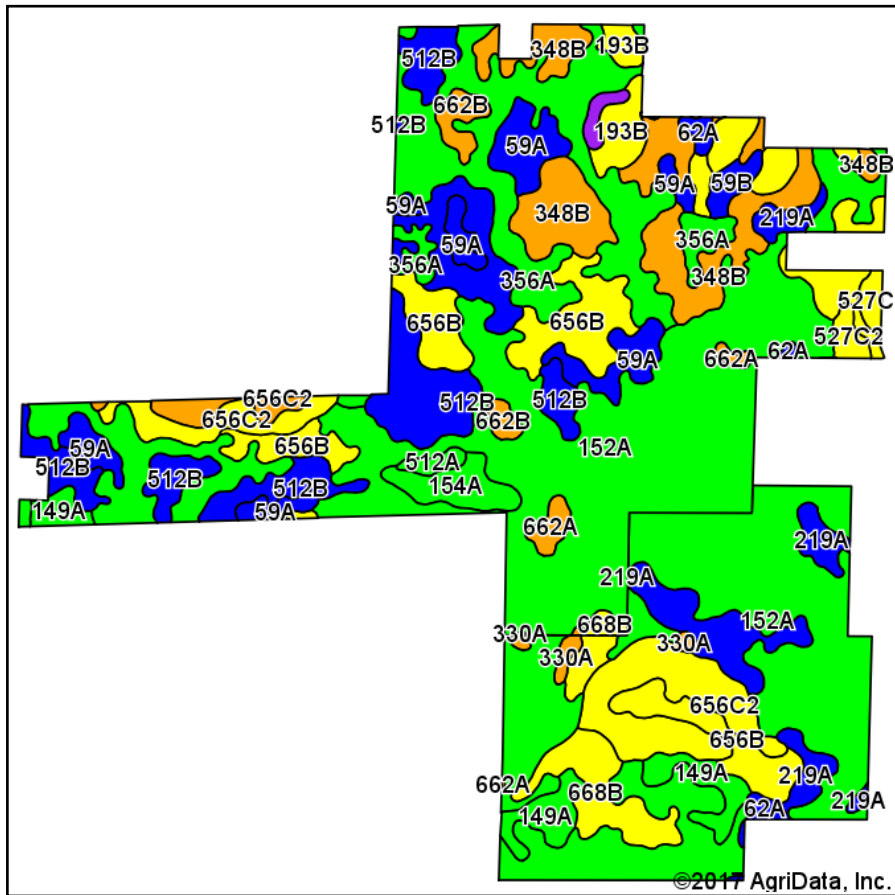


Kane County - Elburn Soils Map



State: **Illinois**
 County: **Kane**
 Location: **11-39N-6E**
 Township: **Kaneville**
 Acres: **970.65**
 Date: **6/26/2017**



Soils data provided by USDA and NRCS.

Area Symbol: IL089, Soil Area Version: 10

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	Sorghum c Bu/A	Alfalfa d hay, T/A	Grass-le gume e hay, T/A	Crop productivity index for optimum management
152A	Drummer silty clay loam, 0 to 2 percent slopes	395.86	40.8%		FAV	195	63	73	100	0	0.00	5.64	144
356A	Elpaso silty clay loam, 0 to 2 percent slopes	90.90	9.4%		FAV	195	63	66	102	0	0.00	5.77	144
**512B	Danabrook silt loam, 2 to 5 percent slopes	83.92	8.6%		FAV	**185	**58	**72	**99	0	**6.34	0.00	**137
**348B	Wingate silt loam, cool mesic, 2 to 5 percent slopes	71.72	7.4%		FAV	**163	**51	**67	**91	0	**5.34	0.00	**120
**656B	Octagon silt loam, 2 to 4 percent slopes	63.15	6.5%		FAV	**157	**51	**63	**77	0	**4.97	0.00	**117
**656C2	Octagon silt loam, 4 to 6 percent slopes, eroded	59.75	6.2%		FAV	**151	**49	**61	**74	0	**4.77	0.00	**112
59A	Lisbon silt loam, 0 to 2 percent slopes	42.48	4.4%		FAV	188	59	74	104	0	0.00	5.64	136
219A	Millbrook silt loam, 0 to 2 percent slopes	35.92	3.7%		FAV	177	55	69	93	0	0.00	5.27	129
**668B	Somonauk silt loam, 2 to 5 percent slopes	27.42	2.8%		FAV	**161	**49	**62	**83	0	0.00	**5.09	**116
**193B	Mayville silt loam, 2 to 5 percent slopes	24.24	2.5%		FAV	**148	**49	**59	**76	0	**3.97	0.00	**109
149A	Brenton silt loam, 0 to 2 percent slopes	22.87	2.4%		FAV	195	60	74	105	0	0.00	5.64	141
154A	Flanagan silt loam, 0 to 2 percent slopes	11.76	1.2%		FAV	194	63	77	102	0	0.00	5.90	144
**662B	Barony silt loam, 2 to 5 percent slopes	8.37	0.9%		FAV	**170	**52	**65	**88	0	**5.46	0.00	**124

**527C2	Kidami loam, 4 to 6 percent slopes, eroded	6.88	0.7%		FAV	**149	**48	**56	**73	0	**4.29	0.00	**109
662A	Barony silt loam, 0 to 2 percent slopes	5.47	0.6%		FAV	172	53	66	89	0	5.52	0.00	125
62A	Herbert silt loam, 0 to 2 percent slopes	5.40	0.6%		FAV	179	56	68	92	0	0.00	5.27	131
**59B	Lisbon silt loam, 2 to 4 percent slopes	4.94	0.5%		FAV	**186	**58	**73	**103	0	0.00	**5.58	**135
330A	Peotone silty clay loam, 0 to 2 percent slopes	3.67	0.4%		FAV	164	55	61	78	0	0.00	5.02	123
**193C2	Mayville silt loam, 5 to 10 percent slopes, eroded	3.01	0.3%		FAV	**139	**46	**56	**72	0	**3.73	0.00	**102
512A	Danabrook silt loam, 0 to 2 percent slopes	2.92	0.3%		FAV	187	59	73	100	0	6.40	0.00	138
Weighted Average						182.4	58.3	69.4	94.8	*	1.80	3.71	134.4

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:

<https://www.ideals.illinois.edu/handle/2142/1027/>

** 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.