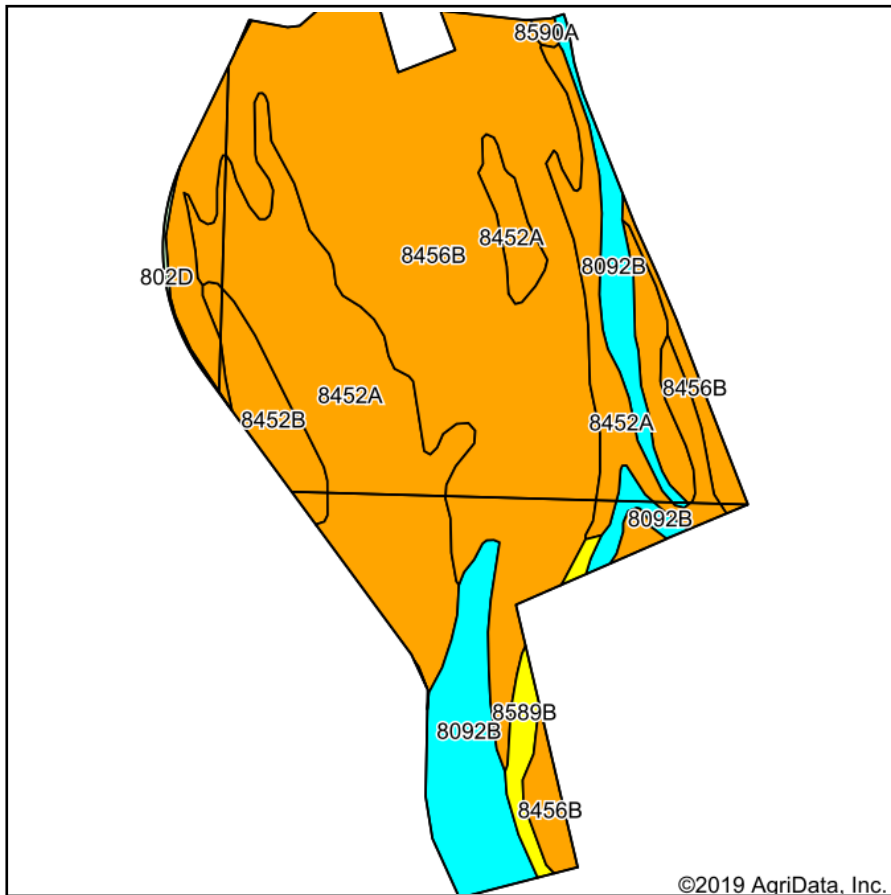
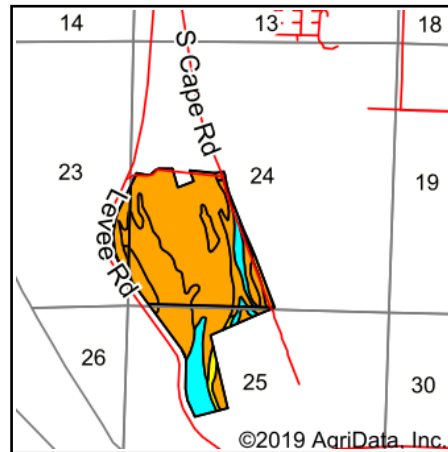


Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**
 County: **Alexander**
 Location: **25-14S-4W**
 Township: **East Cape**
 Acres: **191.75**
 Date: **1/8/2020**



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Area Symbol: IL003. Soil Area Version: 16

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-leg ume e hay, T/A	Crop productivity index for optimum management
8456B	Ware loam, 1 to 6 percent slopes, occasionally flooded	100.31	52.3%		FAV	159	51	63	78	0	5.14	0.00	118
8452A	Riley silty clay loam, 0 to 2 percent slopes, occasionally flooded	53.44	27.9%		FAV	172	55	66	87	0	0.00	5.02	127
8092B	Sarpy sand, 1 to 8 percent slopes, occasionally flooded	22.29	11.6%		FAV	111	38	41	46	0	0.00	3.76	84
8452B	Riley silty clay loam, 2 to 5 percent slopes, occasionally flooded	11.45	6.0%		FAV	172	55	66	87	0	0.00	5.02	127
8589B	Bowdre silty clay, 1 to 6 percent slopes, occasionally flooded	3.40	1.8%		FAV	152	48	58	77	0	0.00	4.52	111
802D	Orthents, loamy, hilly	0.46	0.2%		CROP YIELD DATA NOT AVAILABLE						.00	.00	
8590A	Cairo silty clay, 0 to 2 percent slopes, occasionally flooded	0.40	0.2%		FAV	159	53	61	79	0	0.00	4.77	119
Weighted Average						157.3	50.7	61.2	77.1	*-	2.69	2.22	116.7

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.