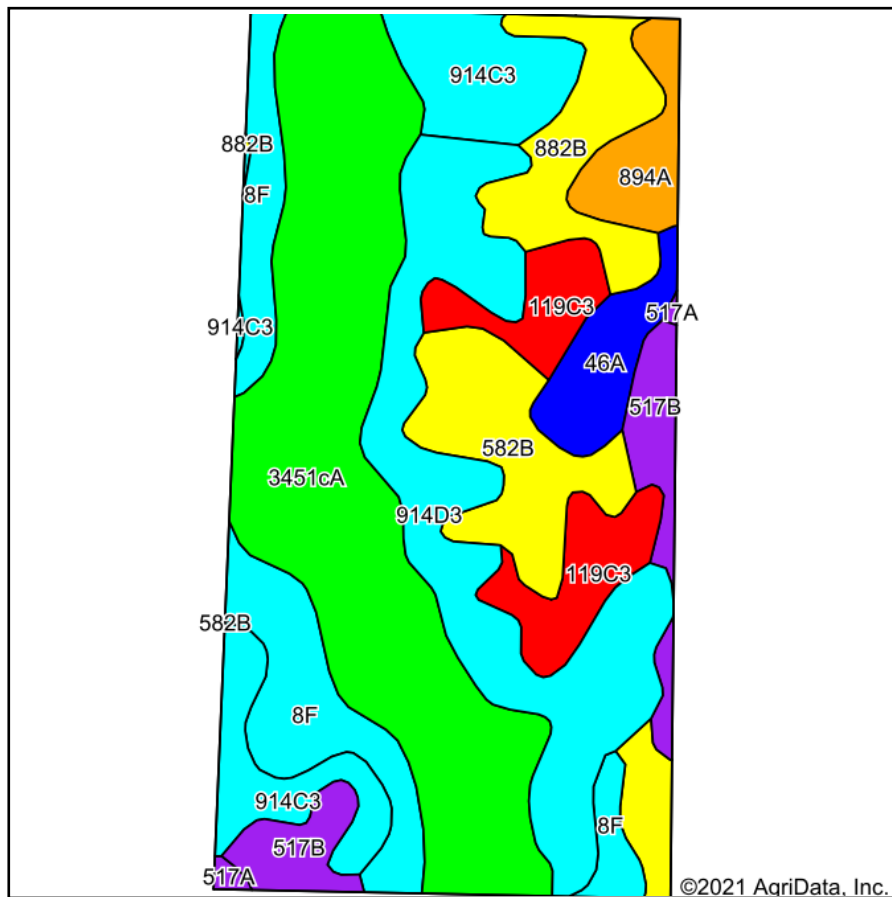
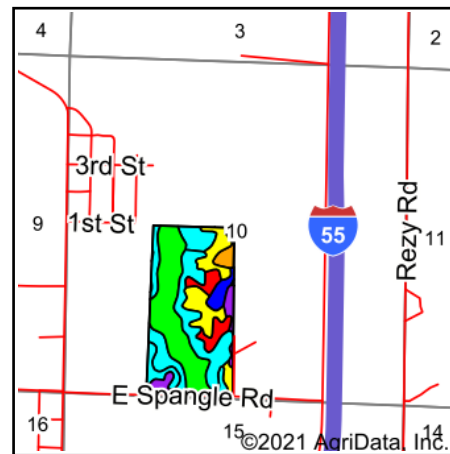


Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**
 County: **Madison**
 Location: **10-6N-6W**
 Township: **Olive**
 Acres: **79.88**
 Date: **2/12/2021**



Maps Provided By:



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-legume e hay, T/A	Crop productivity index for optimum management
3451cA	Lawson silt loam, cool mesic, 0 to 2 percent slopes, frequently flooded	23.63	29.6%		FAV	190	61	73	97	0	0.00	5.77	140
**914D3	Atlas-Grantfork silty clay loams, 10 to 18 percent slopes, severely eroded	13.57	17.0%		UNF	**79	**28	**30	0	**75	0.00	**2.35	**62
**8F	Hickory silt loam, 18 to 35 percent slopes	8.63	10.8%		FAV	**86	**29	**35	**40	0	**2.85	0.00	**65
**582B	Homen silt loam, 2 to 5 percent slopes	7.19	9.0%		FAV	**149	**47	**55	0	**113	**3.72	0.00	**108
**914C3	Atlas-Grantfork silty clay loams, 5 to 10 percent slopes, severely eroded	7.12	8.9%		UNF	**85	**30	**33	0	**80	0.00	**2.52	**67
**119C3	Elco silty clay loam, 5 to 10 percent slopes, severely eroded	5.40	6.8%		FAV	**130	**42	**51	**65	0	**3.66	0.00	**96
**882B	Oconee-Darmstadt-Coulterville silt loams, 2 to 5 percent slopes	4.78	6.0%		UNF	**147	**48	**55	0	**110	0.00	**4.50	**109
**517B	Marine silt loam, 2 to 5 percent slopes	3.97	5.0%		FAV	**143	**45	**55	0	**112	**3.36	0.00	**103
46A	Herrick silt loam, 0 to 2 percent slopes	2.84	3.6%		FAV	181	58	73	94	0	0.00	5.52	133
894A	Herrick-Biddle-Piasa silt loams, 0 to 2 percent slopes	2.52	3.2%		UNF	164	54	66	83	0	0.00	5.03	122
517A	Marine silt loam, 0 to 2 percent slopes	0.23	0.3%		FAV	144	45	56	0	113	3.39	0.00	104
Weighted Average						136.6	44.7	52.7	43.4	42.5	1.07	2.95	101.7

Maps Provided By:



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.

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