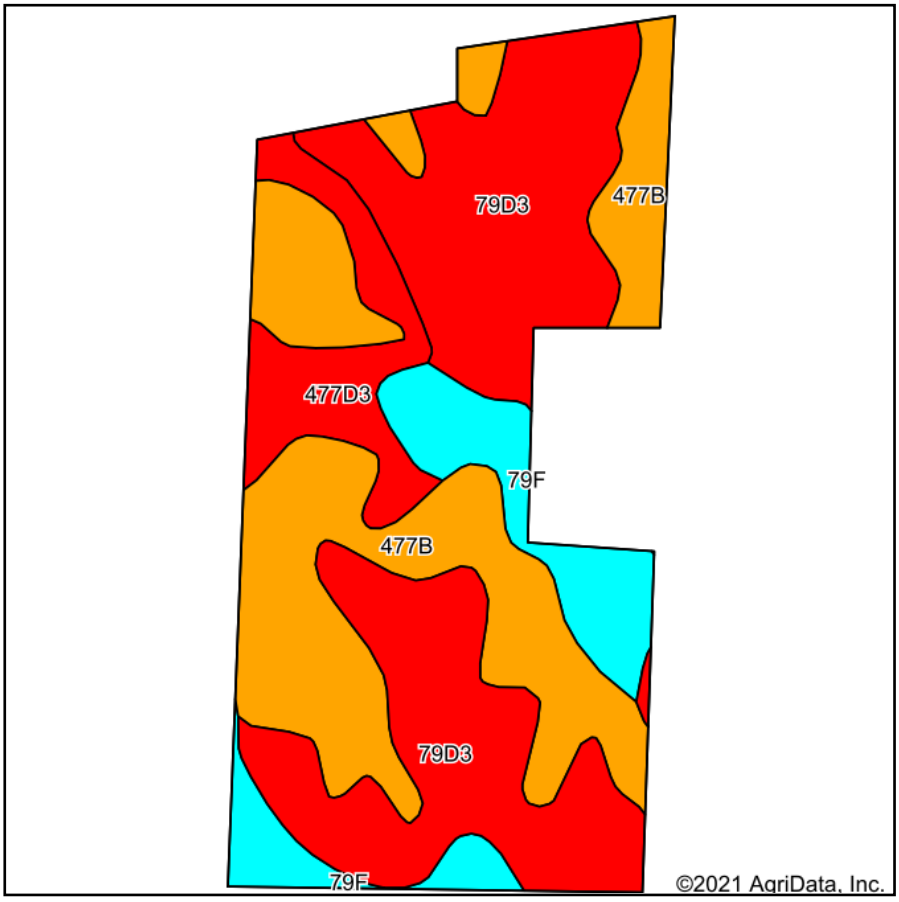
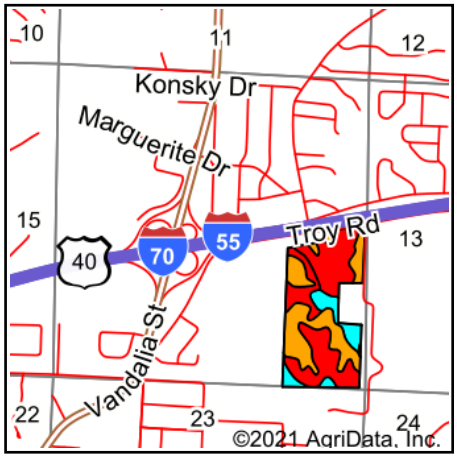
Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**
County: **Madison**
Location: **14-3N-8W**
Township: **Collinsville**
Acres: **72.11**
Date: **2/12/2021**

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Maps Provided By:
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N W E S

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
**79D3	Menfro silt loam, 10 to 18 percent slopes, severely eroded	31.14	43.2%		FAV	**134	**41	**51	0	**99	**3.96	0.00	**97
**477B	Winfield silt loam, 2 to 5 percent slopes	25.44	35.3%		FAV	**160	**50	**62	0	**122	**4.97	0.00	**118
**79F	Menfro silt loam, 18 to 35 percent slopes	8.70	12.1%		FAV	**117	**36	**45	0	**87	**3.47	0.00	**85
**477D3	Winfield silty clay loam, 10 to 18 percent slopes, severely eroded	6.83	9.5%		FAV	**131	**41	**51	0	**100	**4.07	0.00	**96
				Weighted Average		**140.8**	**43.6**	**54.2**	***-**	**105.8**	**4.27**	**0.00**	**102.9**

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.