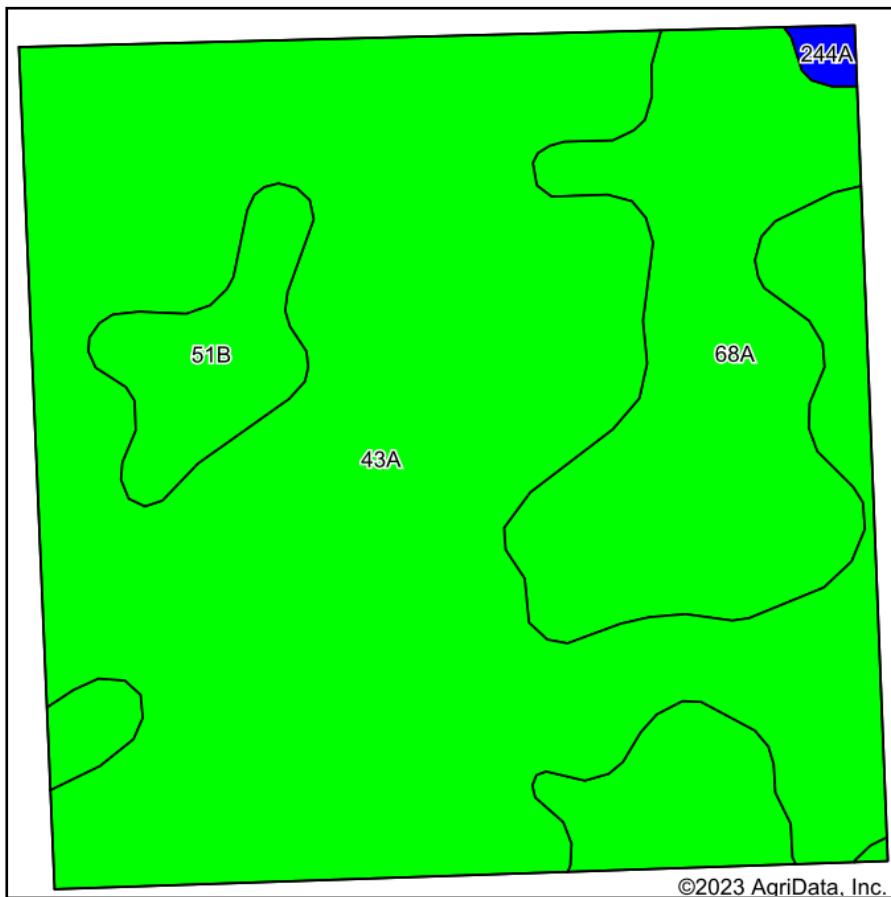
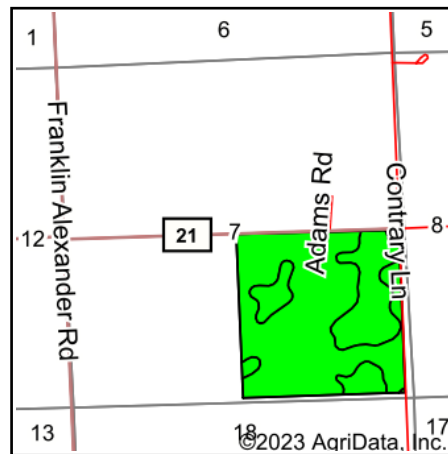


Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**
 County: **Morgan**
 Location: **7-14N-8W**
 Township: **Franklin**
 Acres: **160.61**
 Date: **2/5/2023**

Maps Provided By:

 CUSTOMIZED ONLINE MAPPING
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Area Symbol: IL137, Soil Area Version: 13

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 Bu/A ^c	Alfalfa ^d hay, T/A	Grass-legume ^e hay, T/A	Crop productivity index for optimum management
43A	Ipava silt loam, 0 to 2 percent slopes	113.37	70.6%		FAV	191	62	77	100	0	0.00	5.90	142
68A	Sable silty clay loam, 0 to 2 percent slopes	38.61	24.0%		FAV	192	63	74	99	0	0.00	5.77	143
**51B	Muscataune silt loam, 2 to 5 percent slopes	7.85	4.9%		FAV	**198	**63	**74	**103	**137	0.00	**5.96	**146
244A	Hartsburg silty clay loam, 0 to 2 percent slopes	0.78	0.5%		FAV	182	59	68	89	0	0.00	5.39	134
Weighted Average						191.5	62.3	76.1	99.9	6.7	0.00	5.87	142.4

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: <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".

Soils data provided by USDA and NRCS. Soils data provided by University of Illinois at Champaign-Urbana.