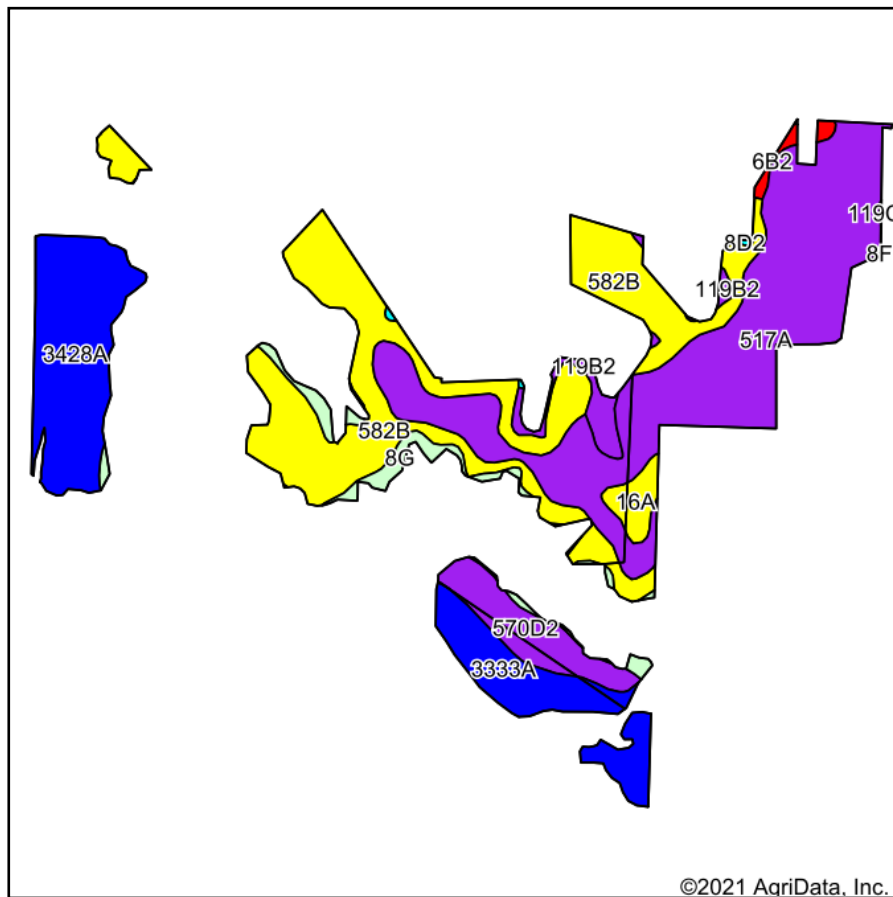
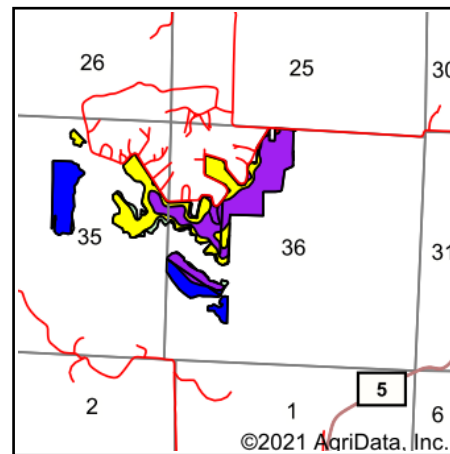


Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**
 County: **Macoupin**
 Location: **36-9N-8W**
 Township: **Polk**
 Acres: **134.85**
 Date: **9/13/2021**



Maps Provided By:
 **surety**
 CUSTOMIZED ONLINE MAPPING
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Area Symbol: IL117, Soil Area Version: 15

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
517A	Marine silt loam, 0 to 2 percent slopes	47.07	34.9%		FAV	144	45	56	0	113	3.39	0.00	104
**582B	Homen silt loam, 2 to 5 percent slopes	39.75	29.5%		FAV	**149	**47	**55	0	**113	**3.72	0.00	**108
3428A	Coffeen silt loam, 0 to 2 percent slopes, frequently flooded	18.36	13.6%		FAV	181	57	68	90	0	0.00	5.39	132
3333A	Wakeland silt loam, 0 to 2 percent slopes, frequently flooded	11.41	8.5%		FAV	174	56	68	85	0	0.00	5.14	128
**570D2	Martinsville sandy loam, 10 to 18 percent slopes, eroded	7.21	5.3%		FAV	**138	**44	**56	**67	0	**4.02	0.00	**101
**8G	Hickory silt loam, 35 to 60 percent slopes	4.52	3.4%		FAV	**58	**20	**24	**27	0	**1.93	0.00	**44
**119B2	Elco silt loam, 2 to 5 percent slopes, eroded	3.07	2.3%		FAV	**143	**47	**56	**71	0	**4.05	0.00	**106
16A	Rushville silt loam, 0 to 2 percent slopes	2.44	1.8%		FAV	147	48	61	73	0	0.00	4.64	109
**6B2	Fishhook silt loam, 2 to 5 percent slopes, eroded	0.83	0.6%		UNF	**123	**39	**47	**59	0	0.00	**3.62	**90

**8D2	Hickory silt loam, 10 to 18 percent slopes, eroded	0.19	0.1%		FAV	**108	**36	**44	**50	0	**3.58	0.00	**82
Weighted Average						149.7	47.3	57.3	27.3	72.8	2.66	1.28	108.9

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".

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