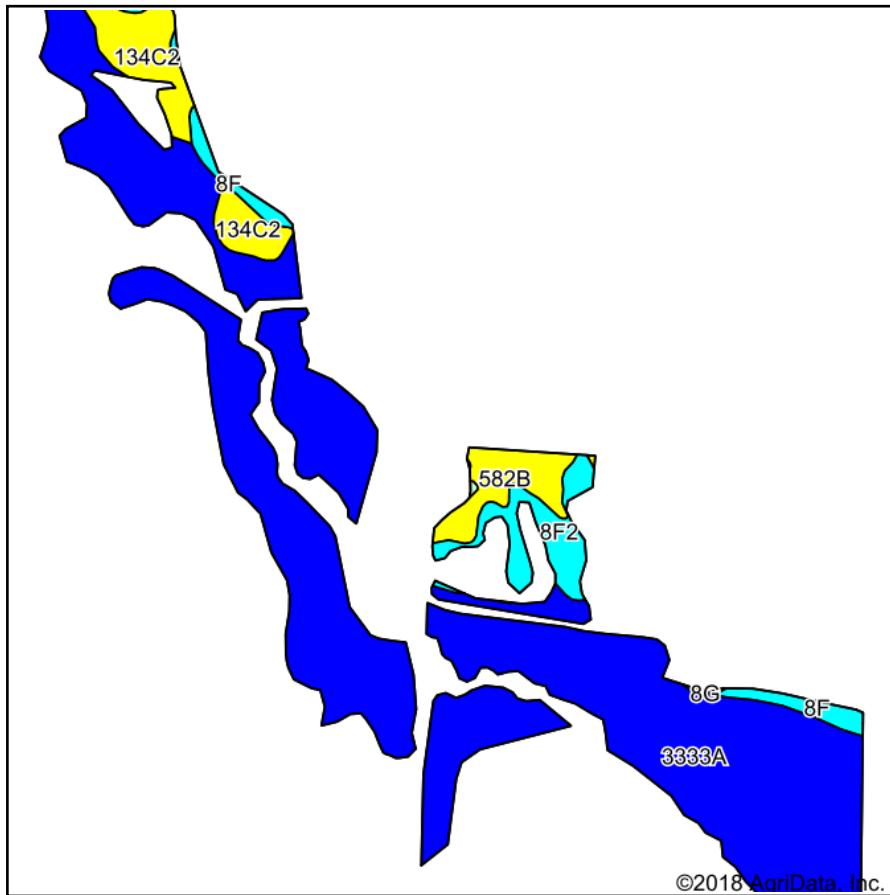
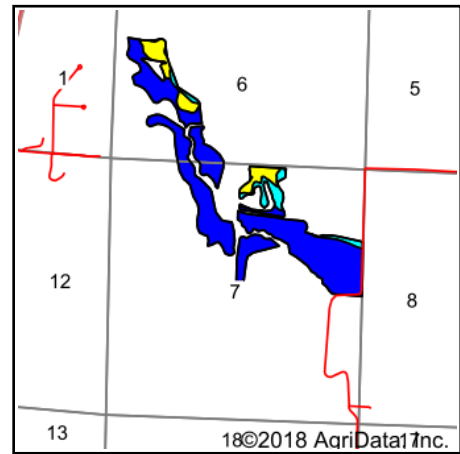


Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**
 County: **Macoupin**
 Location: **7-8N-7W**
 Township: **Gillespie**
 Acres: **123.89**
 Date: **12/4/2018**



Maps Provided By:

 CUSTOMIZED ONLINE MAPPING
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Area Symbol: IL117, 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 ^c Bu/A	Alfalfa ^d hay, T/A	Grass-legume ^e hay, T/A	Crop productivity index for optimum management
3333A	Wakeland silt loam, 0 to 2 percent slopes, frequently flooded	101.40	81.8%		FAV	174	56	68	85	0	0.00	5.14	128
**134C2	Camden silt loam, 5 to 10 percent slopes, eroded	8.18	6.6%		FAV	**154	**47	**60	**81	0	**4.44	0.00	**111
**8F2	Hickory silt loam, 18 to 35 percent slopes, eroded	5.66	4.6%		FAV	**80	**27	**32	**37	0	**2.65	0.00	**61
**582B	Homen silt loam, 2 to 5 percent slopes	5.06	4.1%		FAV	**149	**47	**55	0	**113	**3.72	0.00	**108
**8F	Hickory silt loam, 18 to 35 percent slopes	3.42	2.8%		FAV	**86	**29	**35	**40	0	**2.85	0.00	**65
**8G	Hickory silt loam, 35 to 60 percent slopes	0.17	0.1%		FAV	**58	**20	**24	**27	0	**1.93	0.00	**44
Weighted Average						164.8	52.9	64.3	77.7	4.6	0.65	4.21	121.1

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.

*c: Using Capabilities Class Dominant Condition Aggregation Method