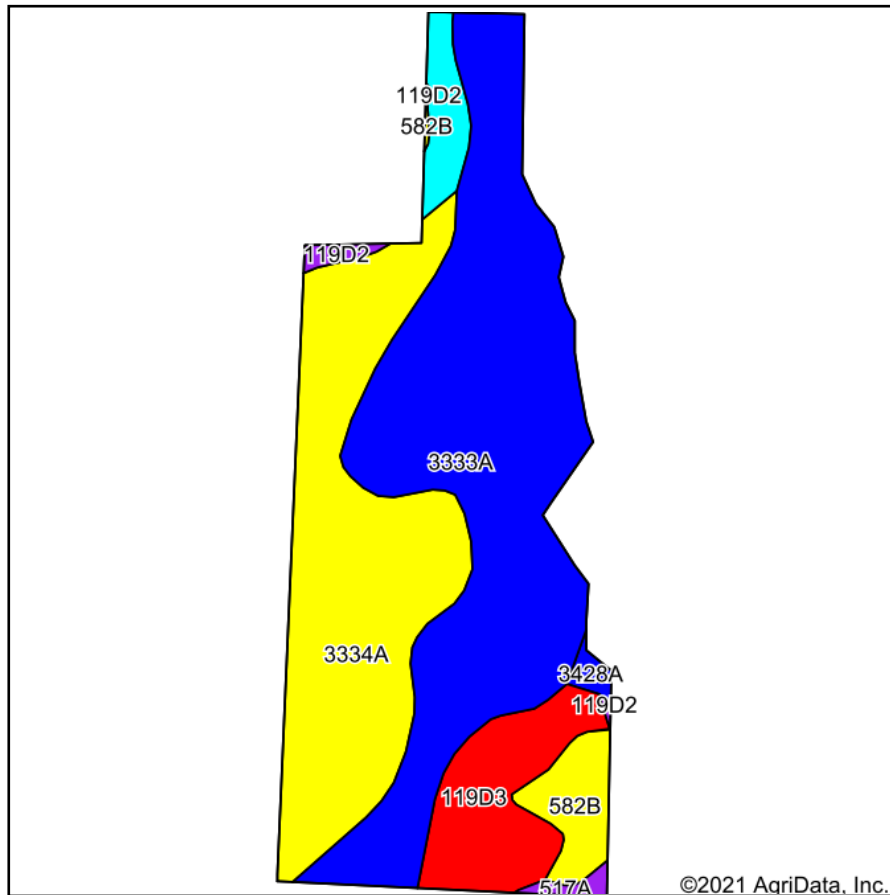
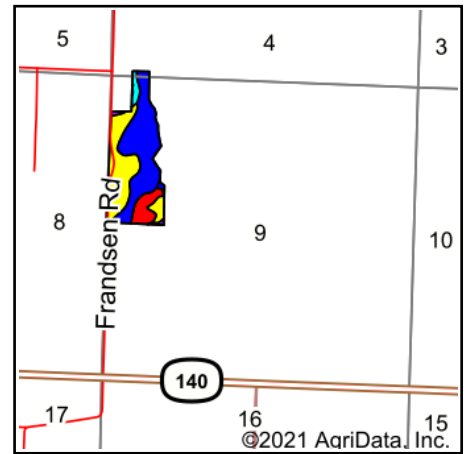


# Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**  
 County: **Madison**  
 Location: **9-5N-6W**  
 Township: **Alhambra**  
 Acres: **44.5**  
 Date: **4/28/2021**



Maps Provided By:  
 **surety**  
 CUSTOMIZED ONLINE MAPPING  
 © AgriData, Inc. 2021 www.AgriDataInc.com



Area Symbol: IL119, Soil Area Version: 15

Code	Soil Description	Acres	Percent of field	Il. State Productivity Index Legend	Subsoil rooting <i>a</i>	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Oats Bu/A <i>b</i>	Sorghum <i>c</i> Bu/A	Alfalfa <i>d</i> hay, T/A	Grass-le gume <i>e</i> hay, T/A	Crop productivity index for optimum management
3333A	Wakeland silt loam, 0 to 2 percent slopes, frequently flooded	21.39	48.1%		FAV	174	56	68	85	0	0.00	5.14	128
3334A	Birds silt loam, 0 to 2 percent slopes, frequently flooded	14.56	32.7%		FAV	157	51	61	75	0	4.89	0.00	117
**119D3	Elco silty clay loam, 10 to 18 percent slopes, severely eroded	4.38	9.8%		FAV	**122	**40	**48	**61	0	**3.45	0.00	**91
**582B	Homen silt loam, 2 to 5 percent slopes	1.88	4.2%		FAV	**149	**47	**55	0	**113	**3.72	0.00	**108
**8F	Hickory silt loam, 18 to 35 percent slopes	1.39	3.1%		FAV	**86	**29	**35	**40	0	**2.85	0.00	**65
**119D2	Elco silt loam, 10 to 18 percent slopes, eroded	0.33	0.7%		FAV	**134	**44	**53	**67	0	**3.79	0.00	**100
3428A	Coffeen silt loam, 0 to 2 percent slopes, frequently flooded	0.30	0.7%		FAV	181	57	68	90	0	0.00	5.39	132
517A	Marine silt loam, 0 to 2 percent slopes	0.27	0.6%		FAV	144	45	56	0	113	3.39	0.00	104
<b>Weighted Average</b>						<b>159.1</b>	<b>51.4</b>	<b>62</b>	<b>73.8</b>	<b>5.5</b>	<b>2.23</b>	<b>2.51</b>	<b>117.6</b>

\*c: Using Capabilities Class Dominant Condition Aggregation Method

**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.