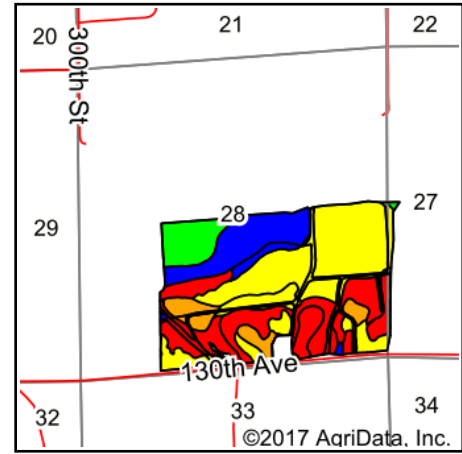
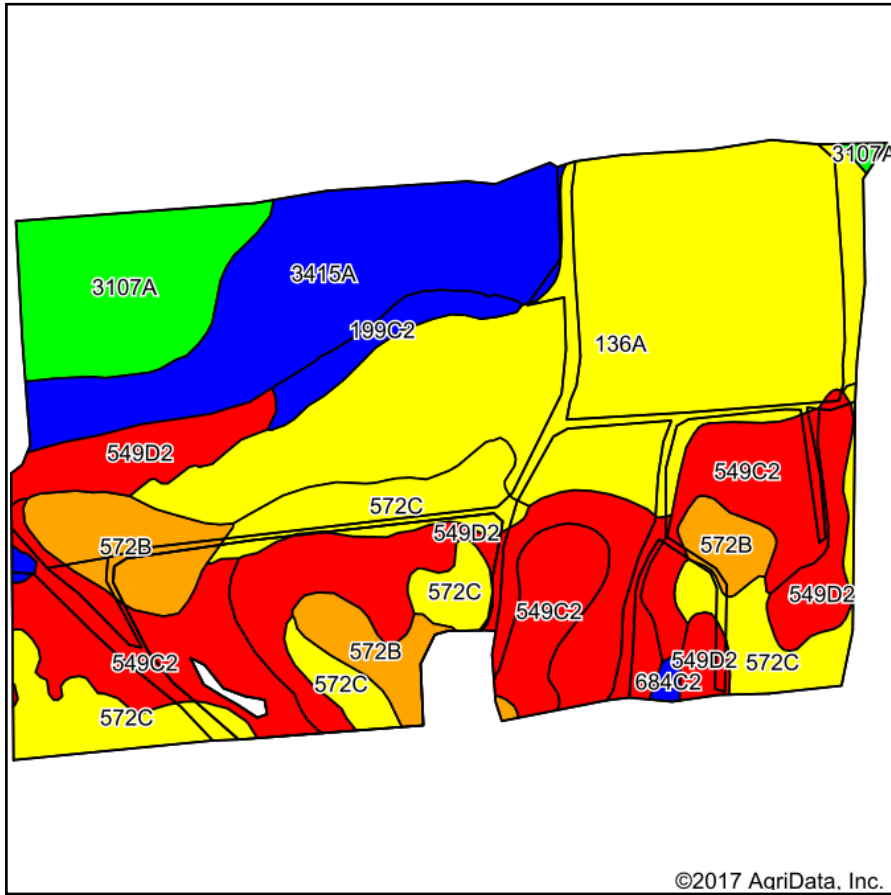


# Soils Map



State: **Illinois**  
 County: **Mercer**  
 Location: **28-15N-1W**  
 Township: **Richland Grove**  
 Acres: **254.13**  
 Date: **10/31/2017**



**Area Symbol: IL131, Soil Area Version: 12**

Code	Soil Description	Acres	Percent of field	Il. State Productivity Index Legend	Subsoil rooting <sup>a</sup>	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Oats Bu/A <sup>b</sup>	Sorghum <sup>c</sup> Bu/A	Alfalfa <sup>d</sup> hay, T/A	Grass-legume <sup>e</sup> hay, T/A	Crop productivity index for optimum management
136A	Brooklyn silt loam, 0 to 2 percent slopes	98.27	38.7%		FAV	152	49	60	74	0	0.00	4.52	112
**549D2	Marseilles silt loam, 10 to 18 percent slopes, eroded	33.54	13.2%		UNF	**121	**39	**49	**63	0	**3.06	0.00	**90
**549C2	Marseilles silt loam, 5 to 10 percent slopes, eroded	30.14	11.9%		UNF	**130	**42	**52	**68	0	**3.28	0.00	**96
3415A	Orion silt loam, 0 to 2 percent slopes, frequently flooded	29.73	11.7%		FAV	180	57	66	89	0	0.00	5.02	131
**572C	Loran silt loam, 5 to 10 percent slopes	25.81	10.2%		FAV	**158	**51	**62	**81	0	0.00	**4.74	**117
3107A	Sawmill silty clay loam, 0 to 2 percent slopes, frequently flooded	16.86	6.6%		FAV	189	60	71	98	0	0.00	5.77	139
**572B	Loran silt loam, 2 to 5 percent slopes	15.51	6.1%		FAV	**161	**52	**63	**83	0	0.00	**4.84	**120
**199C2	Plano silt loam, 5 to 10 percent slopes, eroded	3.76	1.5%		FAV	**180	**56	**69	**96	0	**6.53	0.00	**132
**684C2	Broadwell silt loam, 5 to 10 percent slopes, eroded	0.51	0.2%		FAV	**175	**55	**68	**93	0	**6.30	0.00	**128
<b>Weighted Average</b>						<b>152.6</b>	<b>49</b>	<b>59.6</b>	<b>76.8</b>	<b>*</b>	<b>0.90</b>	<b>3.49</b>	<b>112.5</b>

**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:

<https://www.ideals.illinois.edu/handle/2142/1027/>

\*\* Indexes adjusted for slope and erosion according to Bulletin 811 Table S3

<sup>a</sup> UNF = unfavorable; FAV = favorable

<sup>b</sup> Soils in the southern region were not rated for oats and are shown with a zero "0".

<sup>c</sup> Soils in the northern region or in both regions were not rated for grain sorghum and are shown with a zero "0".

<sup>d</sup> Soils in the poorly drained group were not rated for alfalfa and are shown with a zero "0".

<sup>e</sup> 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