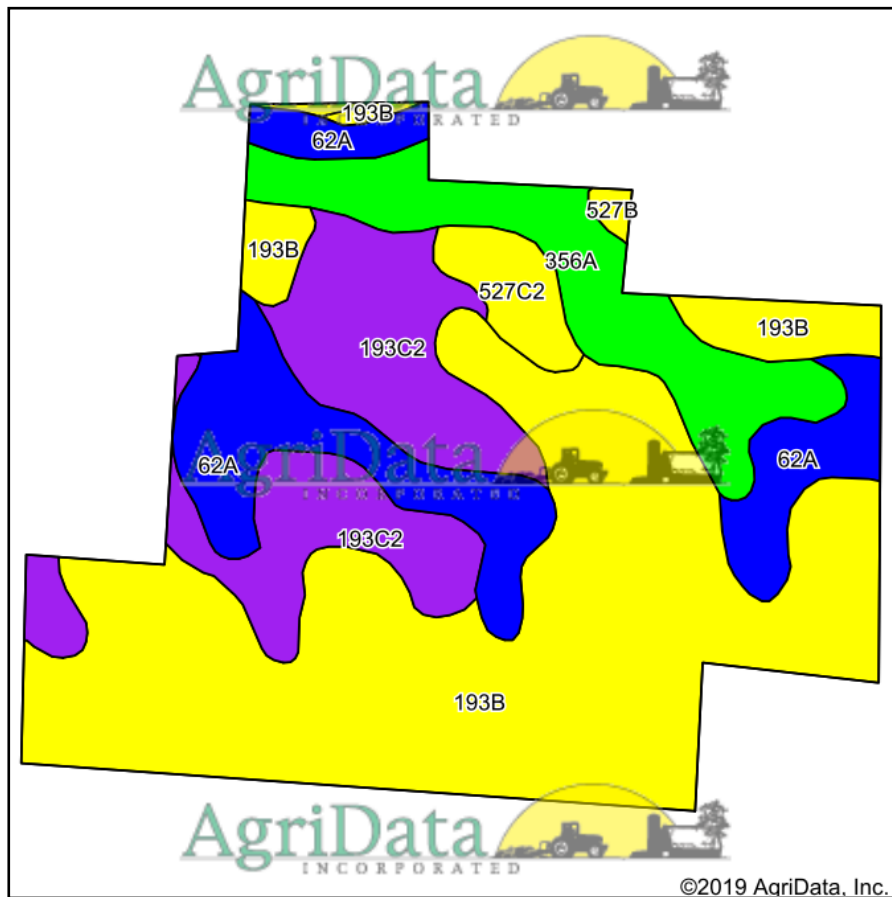
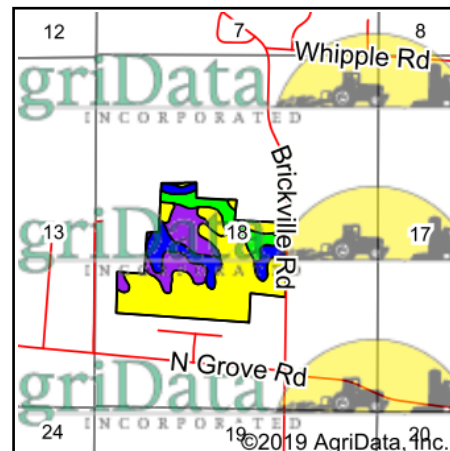


# Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**  
 County: **De Kalb**  
 Location: **18-41N-5E**  
 Township: **Sycamore**  
 Acres: **83.53**  
 Date: **12/30/2019**

Maps Provided By:  
  
 CUSTOMIZED ONLINE MAPPING  
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Area Symbol: IL037, Soil Area Version: 14													
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
**193B	Mayville silt loam, 2 to 5 percent slopes	43.79	52.4%		FAV	**148	**49	**59	**76	0	**3.97	0.00	**109
**193C2	Mayville silt loam, 5 to 10 percent slopes, eroded	14.91	17.8%		FAV	**139	**46	**56	**72	0	**3.73	0.00	**102
62A	Herbert silt loam, 0 to 2 percent slopes	12.51	15.0%		FAV	179	56	68	92	0	0.00	5.27	131
356A	Elpaso silty clay loam, 0 to 2 percent slopes	9.43	11.3%		FAV	195	63	66	102	0	0.00	5.77	144
**527C2	Kidami loam, 4 to 6 percent slopes, eroded	2.56	3.1%		FAV	**149	**48	**56	**73	0	**4.29	0.00	**109
**527B	Kidami silt loam, 2 to 4 percent slopes	0.33	0.4%		FAV	**155	**50	**58	**76	0	**4.47	0.00	**114
Weighted Average						156.4	51.1	60.5	80.5	*	2.90	1.44	115

**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

<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

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