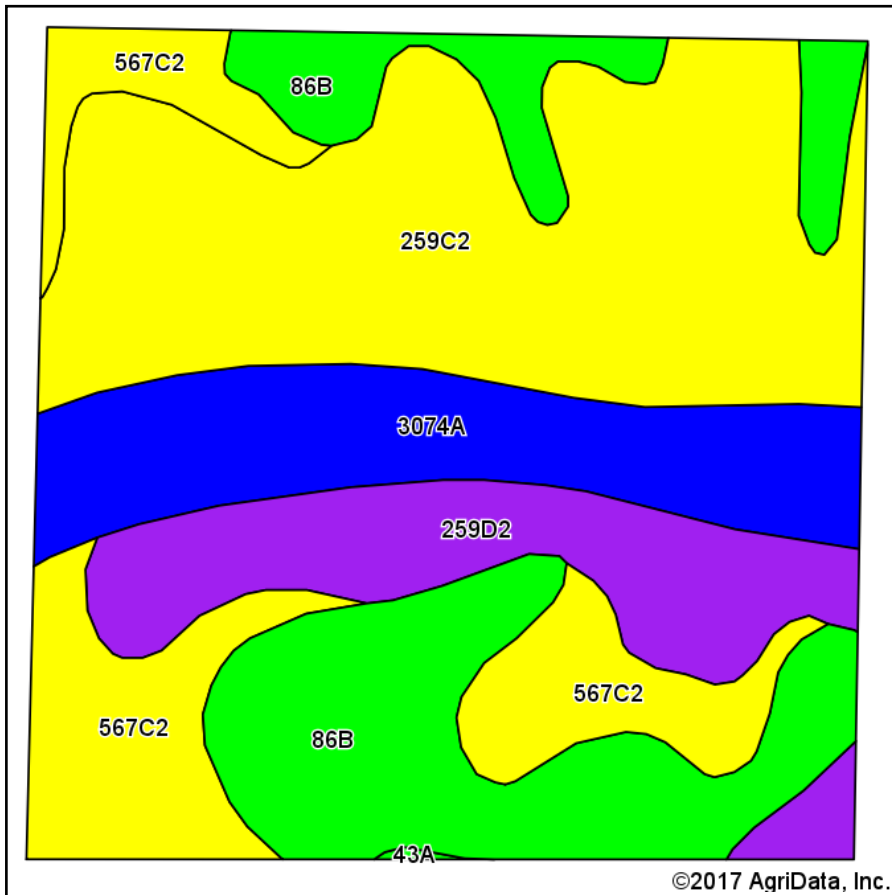
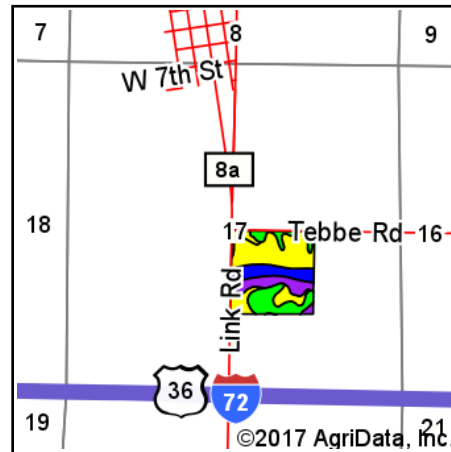


# Soils Map

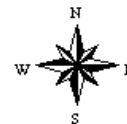


Soils data provided by USDA and NRCS.

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State: **Illinois**  
 County: **Sangamon**  
 Location: **17-15N-7W**  
 Township: **Island Grove**  
 Acres: **39.75**  
 Date: **2/2/2017**



**Area Symbol: IL167, Soil Area Version: 9**

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
**259C2	Assumption silt loam, 5 to 10 percent slopes, eroded	13.36	33.6%	Yellow	FAV	**152	**48	**60	**77	0	**4.44	0.00	**111
**86B	Osco silt loam, 2 to 5 percent slopes	8.73	22.0%	Green	FAV	**189	**59	**74	**101	0	**6.83	0.00	**140
**567C2	Elkhart silt loam, 5 to 10 percent slopes, eroded	6.43	16.2%	Yellow	FAV	**159	**50	**60	**76	0	**4.90	0.00	**116
3074A	Radford silt loam, 0 to 2 percent slopes, frequently flooded	5.88	14.8%	Blue	FAV	186	58	73	99	0	0.00	5.52	136
**259D2	Assumption silt loam, 10 to 18 percent slopes, eroded	5.35	13.5%	Purple	FAV	**145	**46	**58	**74	0	**4.25	0.00	**106
<b>Weighted Average</b>						<b>165.3</b>	<b>51.9</b>	<b>64.7</b>	<b>85</b>	<b>*</b>	<b>4.36</b>	<b>0.82</b>	<b>121.2</b>

Area Symbol: IL167, Soil Area Version: 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:

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

\*\* 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