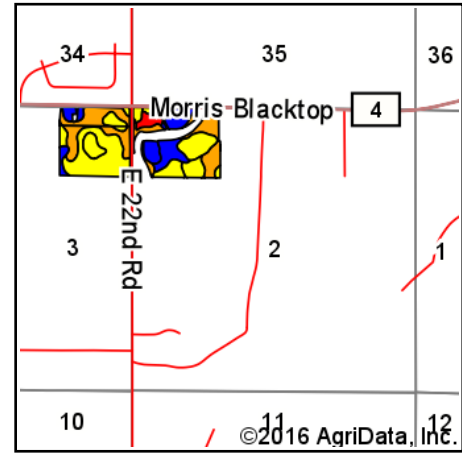
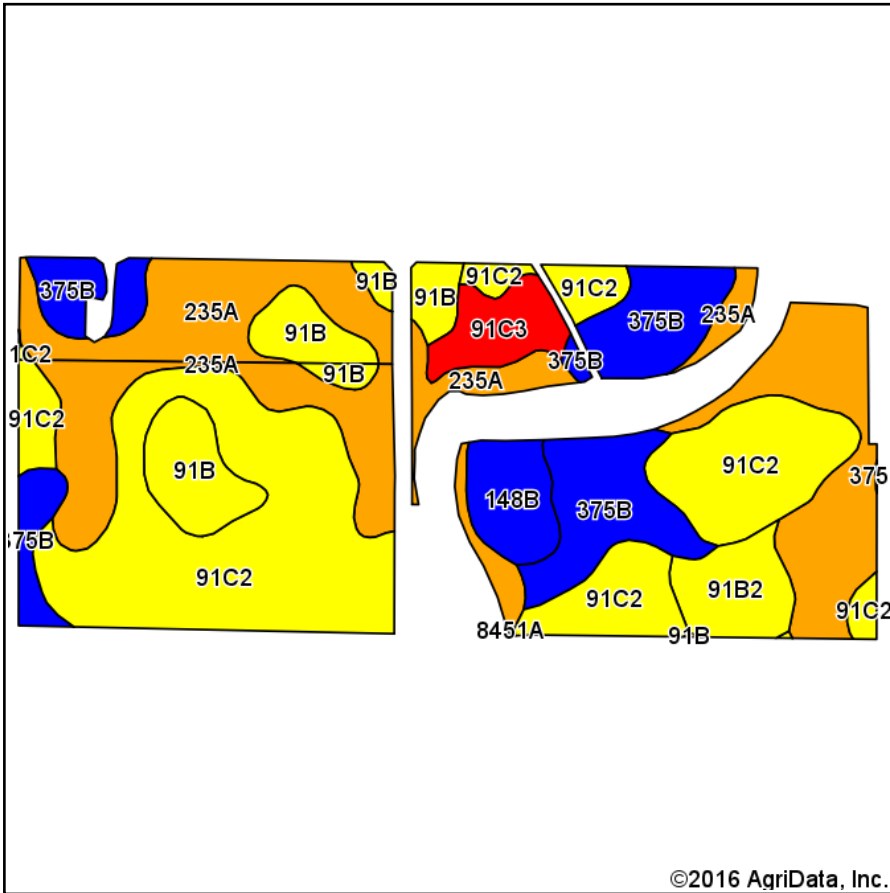


# Soils Map



State: **Illinois**  
 County: **La Salle**  
 Location: **2-33N-4E**  
 Township: **Rutland**  
 Acres: **76.05**  
 Date: **9/13/2016**



Soils data provided by USDA and NRCS.

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## Area Symbol: IL099, Soil Area Version: 10

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
**91C2	Swygart silty clay loam, 4 to 6 percent slopes, eroded	27.52	36.2%	Yellow	UNF	**147	**48	**59	**73	0	0.00	**4.20	**110
235A	Bryce silty clay, 0 to 2 percent slopes	23.02	30.3%	Orange	FAV	162	54	64	82	0	0.00	4.77	121
**375B	Rutland silty clay loam, 2 to 5 percent slopes	11.25	14.8%	Blue	FAV	**178	**57	**70	**96	0	0.00	**5.46	**132
**91B	Swygart silty clay loam, 2 to 4 percent slopes	6.24	8.2%	Yellow	UNF	**156	**51	**62	**78	0	0.00	**4.47	**117
**91B2	Swygart silty clay loam, 2 to 4 percent slopes, eroded	2.86	3.8%	Yellow	UNF	**147	**48	**59	**73	0	0.00	**4.20	**110
**148B	Proctor silt loam, 2 to 5 percent slopes	2.66	3.5%	Blue	FAV	**183	**57	**69	**98	0	**6.34	0.00	**134
**91C3	Swygart silty clay loam, 4 to 6 percent slopes, severely eroded	2.50	3.3%	Red	UNF	**123	**41	**49	**62	0	0.00	**3.53	**92
<b>Weighted Average</b>						<b>157.3</b>	<b>51.5</b>	<b>62.4</b>	<b>80</b>	<b>*-</b>	<b>0.22</b>	<b>4.41</b>	<b>117.4</b>

Area Symbol: IL099, Soil Area Version: 10

**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