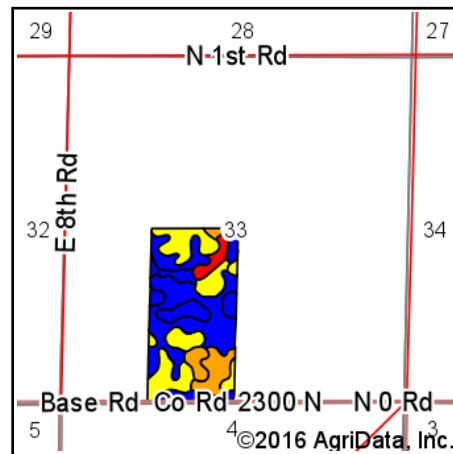
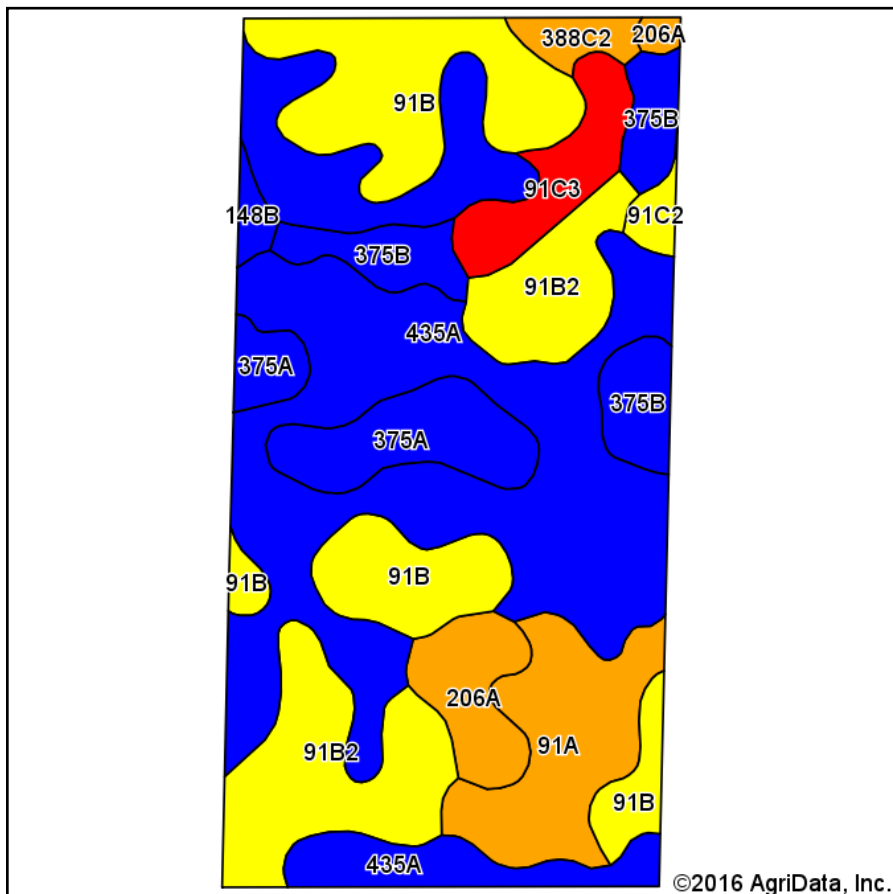
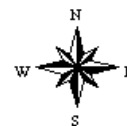


Swenson - LaSalle Soils Map



State: **Illinois**
 County: **La Salle**
 Location: **33-29N-2E**
 Township: **Groveland**
 Acres: **80.77**
 Date: **1/15/2017**



Soils data provided by USDA and NRCS.

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Area Symbol: IL099, Soil Area Version: 11

| 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-le gume e hay, T/A | Crop productivity index for optimum management |
|-------------------------|---|-------|------------------|-------------------------------------|-------------------|--------------|---------------|-------------|-------------|----------------|--------------------|--------------------------|--|
| 435A | Streator silty clay loam, 0 to 2 percent slopes | 31.46 | 39.0% | | FAV | 177 | 58 | 69 | 92 | 0 | 0.00 | 5.14 | 131 |
| **91B | Swygert silty clay loam, 2 to 4 percent slopes | 12.78 | 15.8% | | UNF | **156 | **51 | **62 | **78 | 0 | 0.00 | **4.47 | **117 |
| **91B2 | Swygert silty clay loam, 2 to 4 percent slopes, eroded | 10.74 | 13.3% | | UNF | **147 | **48 | **59 | **73 | 0 | 0.00 | **4.20 | **110 |
| 91A | Swygert silty clay loam, 0 to 2 percent slopes | 6.63 | 8.2% | | UNF | 158 | 52 | 63 | 79 | 0 | 0.00 | 4.52 | 118 |
| 375A | Rutland silty clay loam, 0 to 2 percent slopes | 5.20 | 6.4% | | FAV | 180 | 58 | 71 | 97 | 0 | 0.00 | 5.52 | 133 |
| **375B | Rutland silty clay loam, 2 to 5 percent slopes | 5.11 | 6.3% | | FAV | **178 | **57 | **70 | **96 | 0 | 0.00 | **5.46 | **132 |
| 206A | Thorp silt loam, 0 to 2 percent slopes | 3.32 | 4.1% | | FAV | 170 | 55 | 66 | 88 | 0 | 0.00 | 5.14 | 126 |
| **91C3 | Swygert silty clay loam, 4 to 6 percent slopes, severely eroded | 3.19 | 3.9% | | UNF | **123 | **41 | **49 | **62 | 0 | 0.00 | **3.53 | **92 |
| **388C2 | Wenona silty clay loam, 5 to 10 percent slopes, eroded | 1.09 | 1.3% | | FAV | **161 | **52 | **63 | **86 | 0 | **5.13 | 0.00 | **120 |
| **91C2 | Swygert silty clay loam, 4 to 6 percent slopes, eroded | 0.67 | 0.8% | | UNF | **147 | **48 | **59 | **73 | 0 | 0.00 | **4.20 | **110 |
| **148B | Proctor silt loam, 2 to 5 percent slopes | 0.58 | 0.7% | | FAV | **183 | **57 | **69 | **98 | 0 | **6.34 | 0.00 | **134 |
| Weighted Average | | | | | | 165.5 | 54 | 65.2 | 85.2 | *- | 0.11 | 4.73 | 123.1 |

Area Symbol: IL099, Soil Area Version: 11

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".

*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.