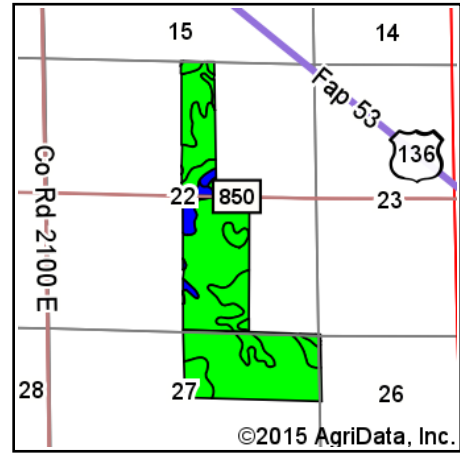
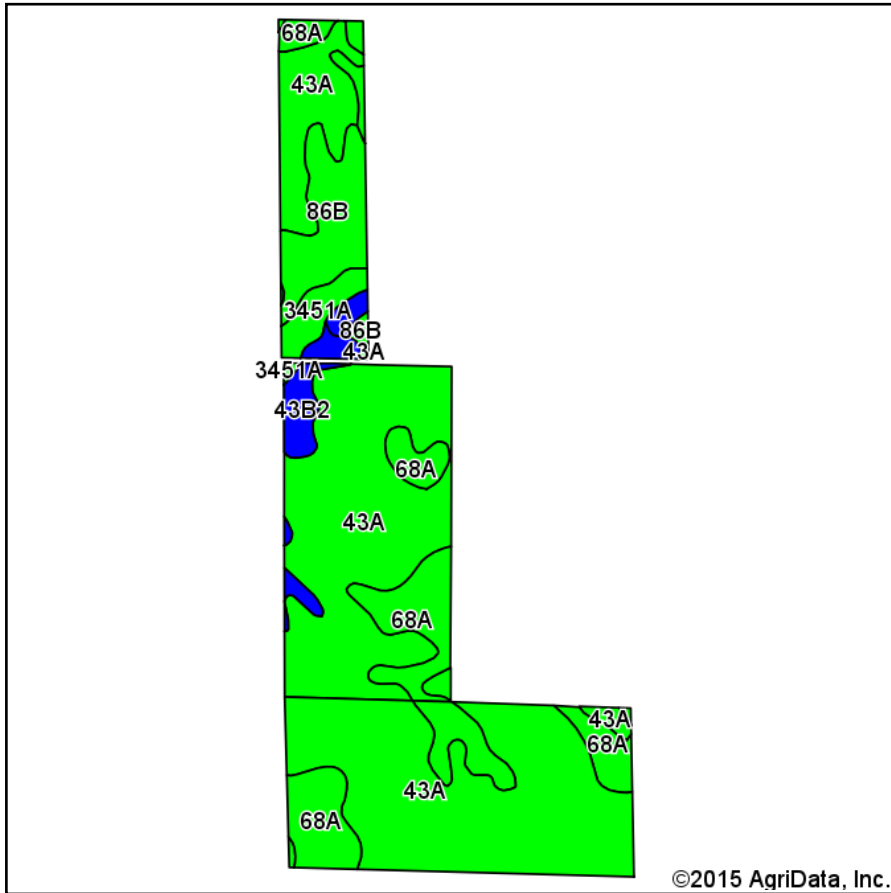


Soil Map



State: **Illinois**
 County: **McDonough**
 Location: **22-5N-1W**
 Township: **New Salem**
 Acres: **203.61**
 Date: **4/21/2015**



Maps Provided By:



Soils data provided by USDA and NRCS.

Area Symbol: IL109, 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 |
|-------------------------|---|--------|------------------|-------------------------------------|------------------------------|--------------|---------------|------------|------------------------|---------------------------|-------------------------------|------------------------------------|--|
| 43A | Ipava silt loam, 0 to 2 percent slopes | 138.62 | 68.1% | | FAV | 191 | 62 | 77 | 100 | 0 | 0.00 | 5.90 | 142 |
| 68A | Sable silty clay loam, 0 to 2 percent slopes | 36.46 | 17.9% | | FAV | 192 | 63 | 74 | 99 | 0 | 0.00 | 5.77 | 143 |
| **86B | Osco silt loam, 2 to 5 percent slopes | 14.97 | 7.4% | | FAV | **189 | **59 | **74 | **101 | 0 | **6.83 | 0.00 | **140 |
| **43B2 | Ipava silt loam, 2 to 5 percent slopes, eroded | 7.08 | 3.5% | | FAV | **181 | **59 | **73 | **95 | 0 | 0.00 | **5.61 | **135 |
| 3451A | Lawson silt loam, 0 to 2 percent slopes, frequently flooded | 4.94 | 2.4% | | FAV | 190 | 61 | 73 | 97 | 0 | 0.00 | 5.77 | 140 |
| **86C2 | Osco silt loam, 5 to 10 percent slopes, eroded | 1.54 | 0.8% | | FAV | **178 | **56 | **70 | **95 | 0 | **6.42 | 0.00 | **131 |
| Weighted Average | | | | | | 190.6 | 61.8 | 76 | 99.6 | *- | 0.55 | 5.39 | 141.7 |

Area Symbol: IL109, 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 (Updated 1/10/2012)

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

^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.