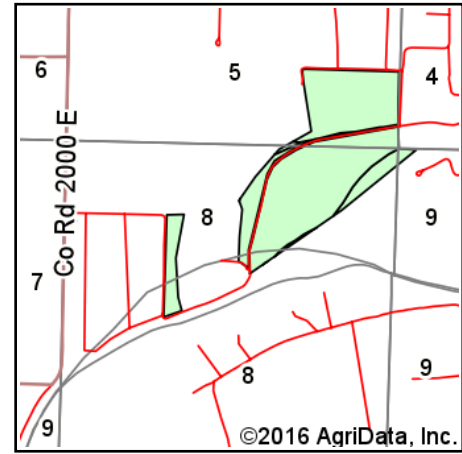
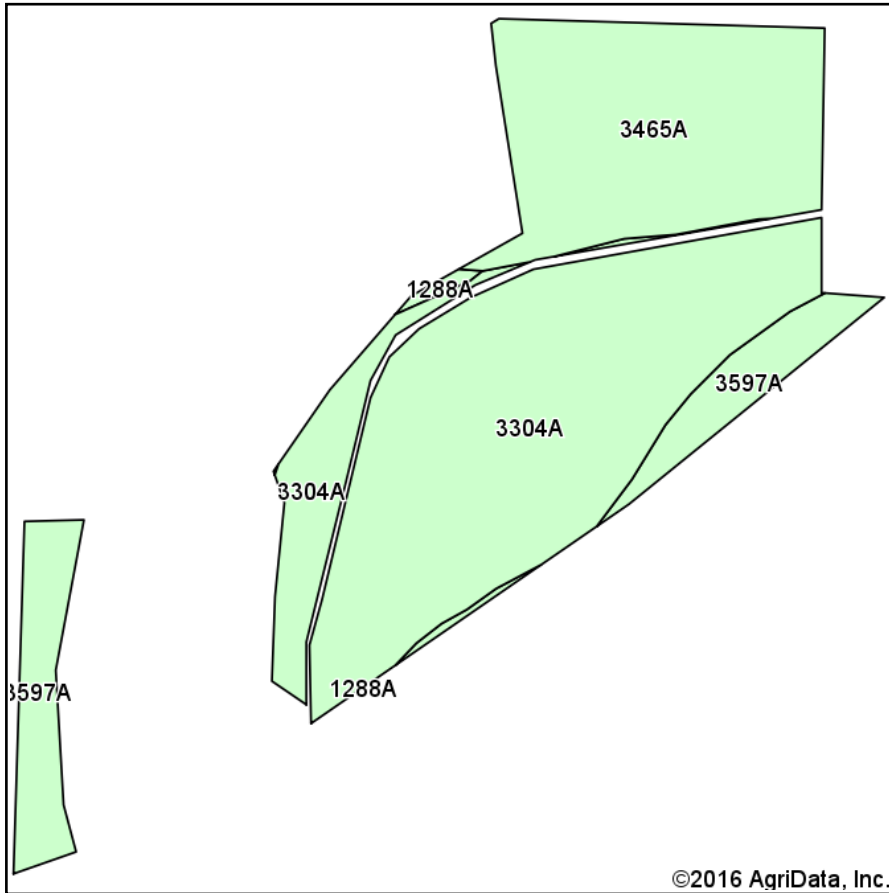


Soils Map



State: **Illinois**
 County: **White**
 Location: **8-5S-14W**
 Township: **Hawthorne**
 Acres: **116.1**
 Date: **7/6/2016**



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Maps Provided By:



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Soils data provided by USDA and NRCS.

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Area Symbol: IL193, Soil Area Version: 10

| 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 |
|-------------------------|--|-------|------------------|-------------------------------------|-------------------|--------------|---------------|-------------|-------------|----------------|--------------------|--------------------------|--|
| 3304A | Landes fine sandy loam, 0 to 2 percent slopes, frequently flooded | 66.19 | 57.0% | | FAV | 135 | 45 | 55 | 61 | 0 | 3.39 | 0.00 | 100 |
| 3465A | Montgomery silty clay loam, 0 to 2 percent slopes, frequently flooded | 34.31 | 29.6% | | FAV | 148 | 49 | 58 | 68 | 0 | 0.00 | 4.52 | 110 |
| 3597A | Armiesburg silty clay loam, 0 to 2 percent slopes, frequently flooded | 15.08 | 13.0% | | FAV | 177 | 57 | 69 | 87 | 0 | 6.65 | 0.00 | 132 |
| 1288A | Petrolia silty clay loam, undrained, 0 to 2 percent slopes, frequently flooded | 0.52 | 0.4% | | FAV | 162 | 49 | 61 | 79 | 0 | 0.00 | 4.89 | 117 |
| Weighted Average | | | | | | 144.4 | 47.8 | 57.7 | 66.5 | *- | 2.80 | 1.36 | 107.2 |

Area Symbol: IL193, 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