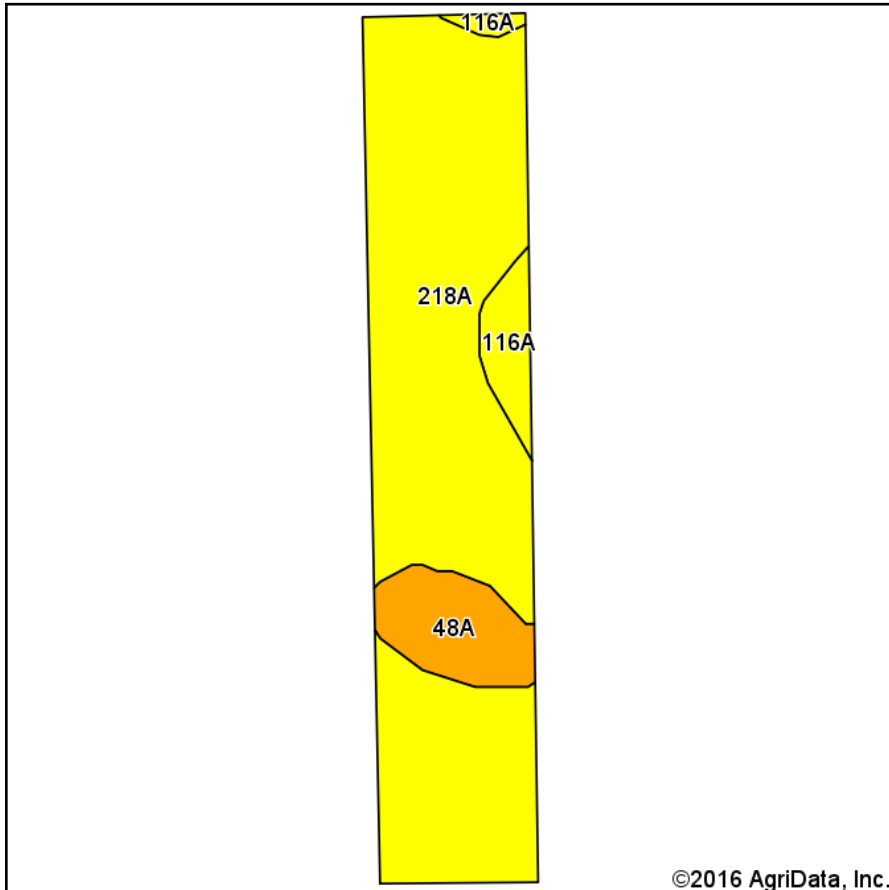
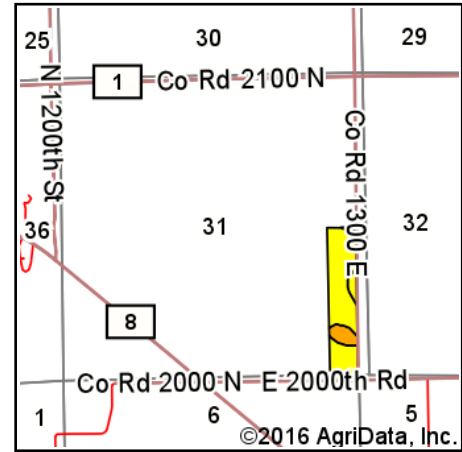


# Hackney Soils Map



Soils data provided by USDA and NRCS.

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State: **Illinois**  
 County: **Clark**  
 Location: **31-12N-12W**  
 Township: **Douglas**  
 Acres: **30.92**  
 Date: **10/21/2016**



Maps Provided By:



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## Area Symbol: IL023, Soil Area Version: 10

| Code                    | Soil Description                          | Acres | Percent of field | Ill. State Productivity Index Legend | Subsoil rooting | Cor n Bu/A | Soybeans Bu/A | Whea t Bu/A | Oats Bu/A  | Sorghum c Bu/A | Alfalfa d hay, T/A | Grass-legu e hay, T/A | Crop productivity index for optimum management |
|-------------------------|---|-------|------------------|--------------------------------------|-----------------|------------|---------------|-------------|------------|----------------|--------------------|-----------------------|--|
| 218 A                   | Newberry silt loam, 0 to 2 percent slopes | 25.86 | 83.6%            | FAV                                  | FAV             | 155        | 48            | 60          | 0          | 119            | 0.00               | 4.77                  | 114  |
| 48A                     | Ebbert silt loam, 0 to 2 percent slopes   | 3.21  | 10.4%            | FAV                                  | FAV             | 173        | 55            | 66          | 0          | 124            | 0.00               | 5.14                  | 125  |
| 116 A                   | Whitson silt loam, 0 to 2 percent slopes  | 1.85  | 6.0%             | FAV                                  | FAV             | 158        | 50            | 60          | 75         | 0              | 0.00               | 4.77                  | 116  |
| <b>Weighted Average</b> |   |       |                  |                                      |                 | <b>157</b> | <b>48.8</b>   | <b>60.6</b> | <b>4.5</b> | <b>112.4</b>   | <b>0.00</b>        | <b>4.81</b>           | <b>115.3</b>                                   |

Area Symbol: IL023, 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