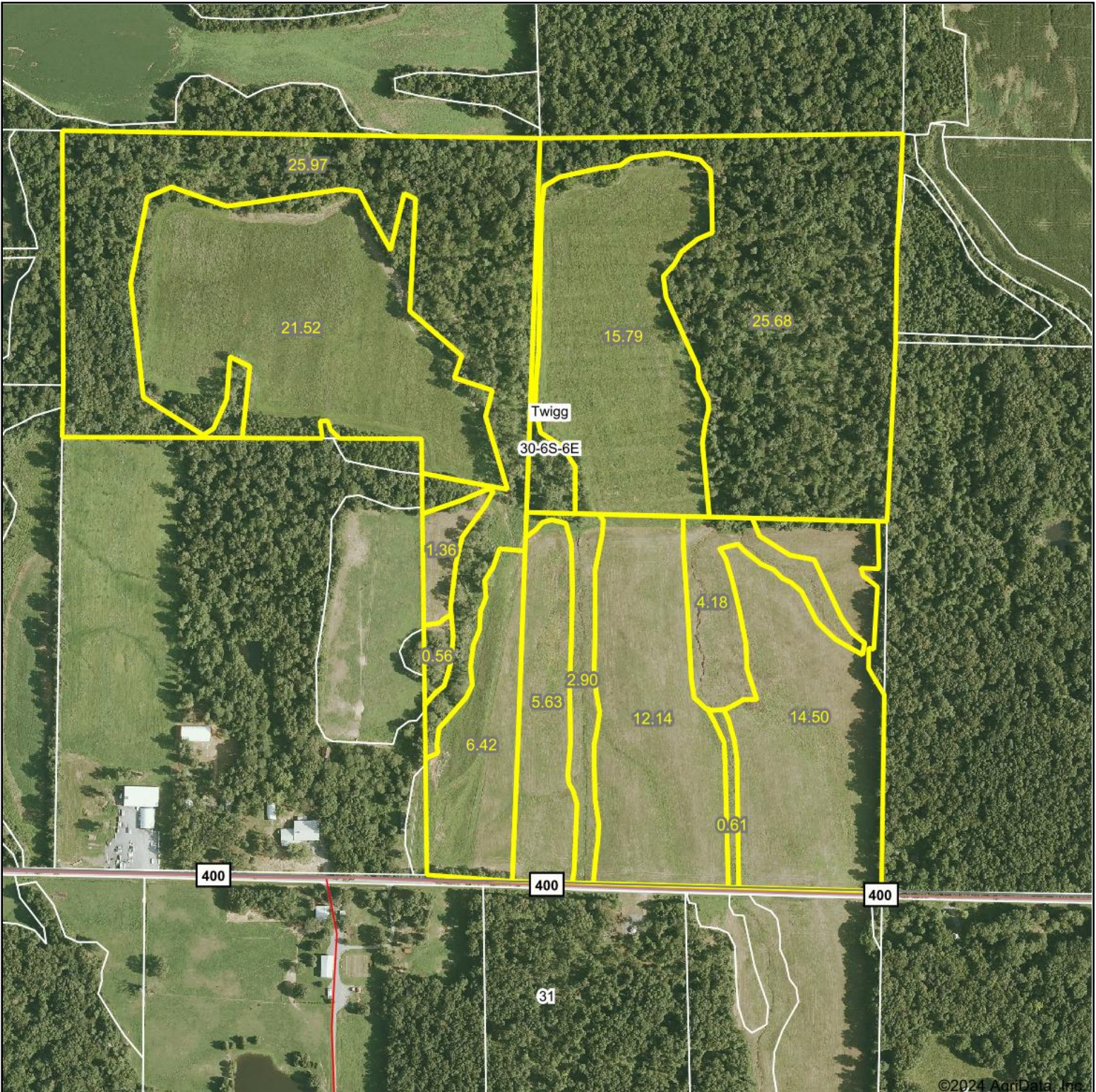


# Aerial Map



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Boundary Center: 37° 58' 9.93, -88° 35' 13.19



**30-6S-6E**  
**Hamilton County**  
**Illinois**



12/16/2024



Maps Provided By:

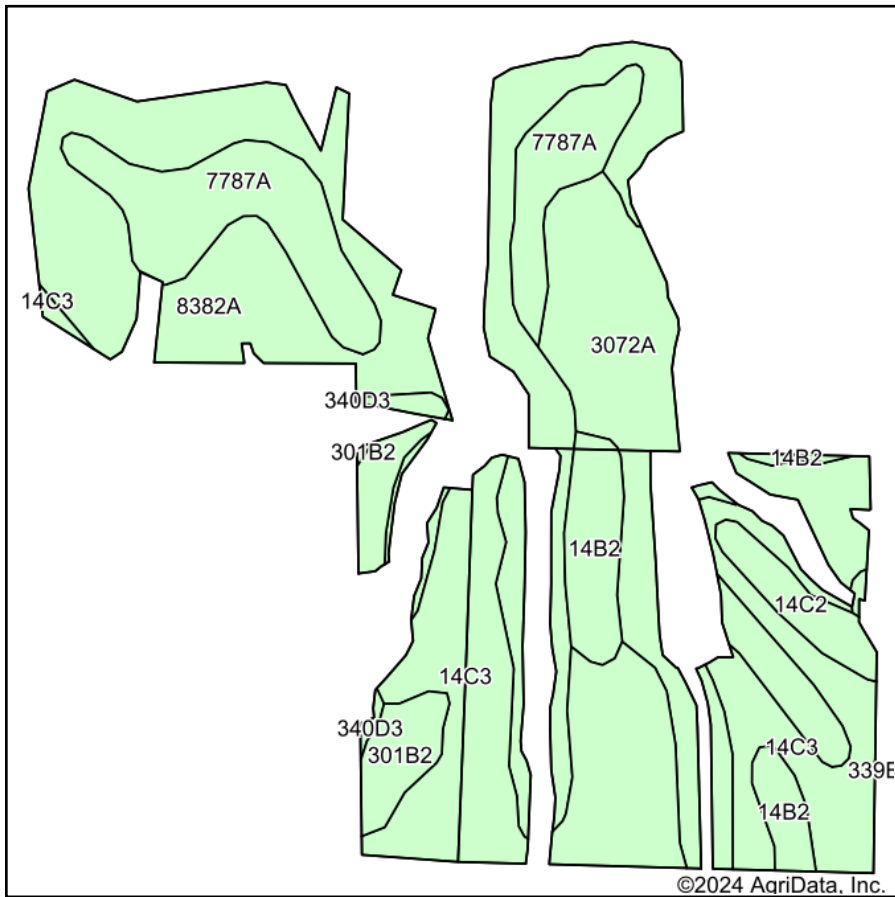


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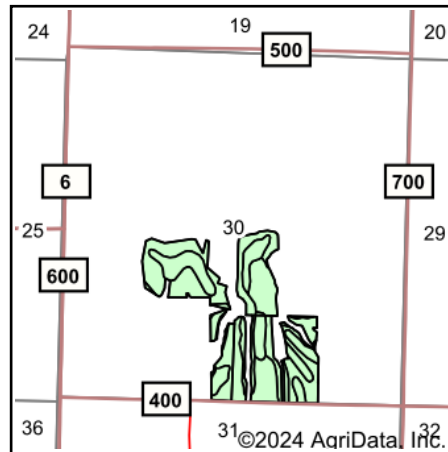
Field borders provided by Farm Service Agency as of 5/21/2008.



# Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**  
 County: **Hamilton**  
 Location: **30-6S-6E**  
 Township: **Twigg**  
 Acres: **77.36**  
 Date: **11/8/2024**



| Area Symbol: IL065, Soil Area Version: 18 |  |       |                  |              |               |             |  |                   |
|---|--|-------|------------------|--------------|---------------|-------------|--|-------------------|
| Code                                      | Soil Description   | Acres | Percent of field | Corn Bu/A    | Soybeans Bu/A | Wheat Bu/A  | Crop productivity index for optimum management | *n NCCPI Soybeans |
| **14C3                                    | Ava silt loam, 5 to 10 percent slopes, severely eroded                     | 23.86 | 30.8%            | **100        | **33          | **41        | **74   | 56                |
| 8382A                                     | Belknap silt loam, 0 to 2 percent slopes, occasionally flooded             | 23.60 | 30.5%            | 156          | 52            | 63          | 117  | 69                |
| **3072A                                   | Sharon silt loam, 0 to 2 percent slopes, frequently flooded                | 12.24 | 15.8%            | **148        | **48          | **57        | **110  | 57                |
| 7787A                                     | Banlic silt loam, 0 to 2 percent slopes, rarely flooded                    | 9.64  | 12.5%            | 142          | 47            | 56          | 106  | 43                |
| **14B2                                    | Ava silt loam, 2 to 5 percent slopes, eroded                               | 4.07  | 5.3%             | **126        | **41          | **51        | **93   | 38                |
| **14C2                                    | Ava silt loam, 5 to 10 percent slopes, eroded                              | 1.86  | 2.4%             | **120        | **39          | **49        | **89   | 36                |
| **301B2                                   | Grantsburg silt loam, 2 to 5 percent slopes, eroded                        | 1.85  | 2.4%             | **123        | **42          | **51        | **94   | 37                |
| **340D3                                   | Zanesville silt loam, till plain, 10 to 18 percent slopes, severely eroded | 0.13  | 0.2%             | **83         | **29          | **36        | **63   | 25                |
| **340D2                                   | Zanesville silt loam, till plain, 10 to 18 percent slopes, eroded          | 0.11  | 0.1%             | **102        | **35          | **43        | **77   | 28                |
| <b>Weighted Average</b>                   |  |       |                  | <b>132.3</b> | <b>43.7</b>   | <b>53.1</b> | <b>98.6</b>                                    | <b>*n 56.5</b>    |

**Table: Optimum Crop Productivity Ratings for Illinois Soil EFOTG are sourced from Bulletin 811 calculated Map Unit Base Yield Indices, and adjusted (Adj) for slope, erosion, flooding, and surface texture.** Publication Date: 02-08-2023

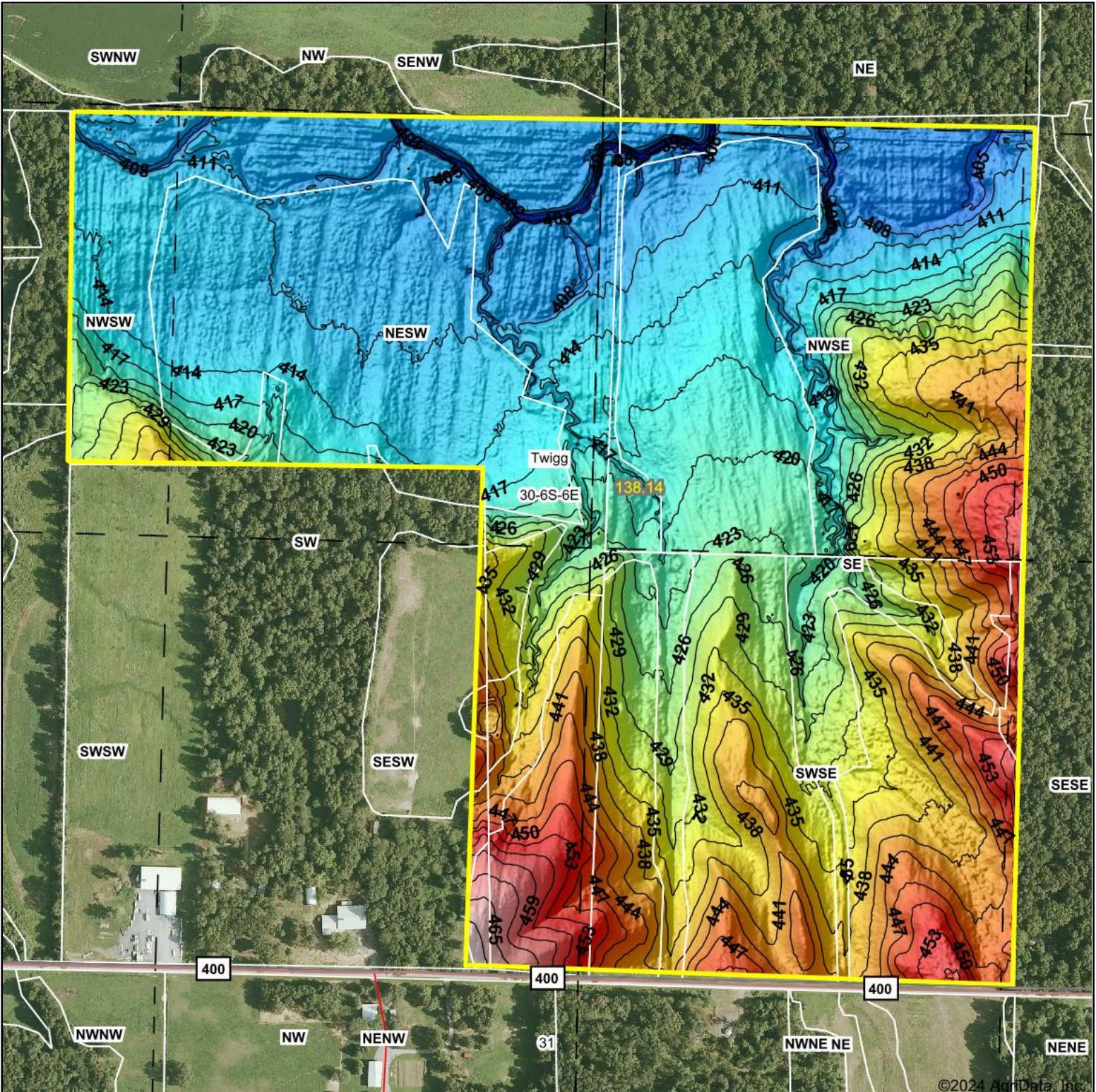
Crop yields and productivity (B811 EFOTG) are maintained at the following USDA web site: 2023 Illinois Soil Productivity and Yield Indices: <https://efotg.sc.egov.usda.gov/#/state/IL/documents/section=2&folder=52809>

\*\* Base indexes from Bulletin 811 adjusted for slope, erosion, flooding, and surface texture according to the Il. Soils EFOTG

\*n: The aggregation method is "Weighted Average using all components"



# Topography Hillshade



|                           |   |   |
|---------------------------|---|---|
| <p>Low Elevation High</p> | <p>Source: USGS 1 meter dem<br/>             Interval(ft): 3<br/>             Min: 397.4<br/>             Max: 471.3<br/>             Range: 73.9<br/>             Average: 424.8<br/>             Standard Deviation: 14.47 ft</p> | <p>0ft 489ft 979ft</p> <p> <br/>             10/10/2024<br/> <b>30-6S-6E</b><br/> <b>Hamilton County</b><br/> <b>Illinois</b><br/>             Boundary Center: 37° 58' 9.79, -88° 35' 13.21         </p> |
|---------------------------|---|---|



Maps Provided By:



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Field borders provided by Farm Service Agency as of 5/21/2008.