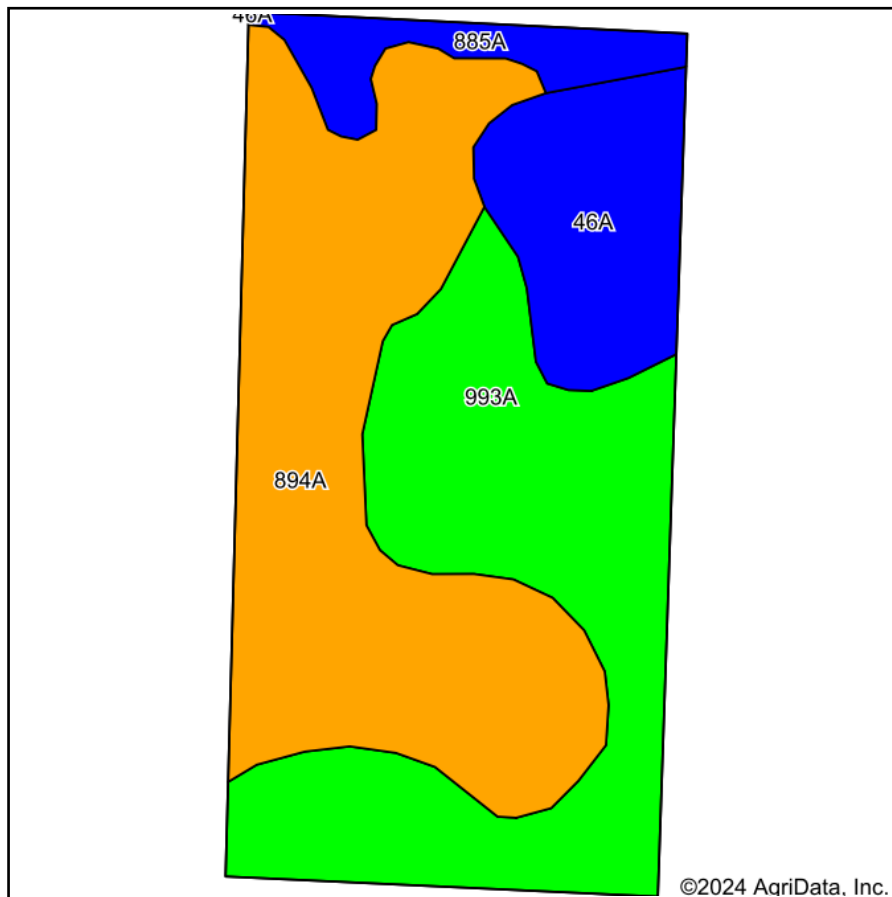
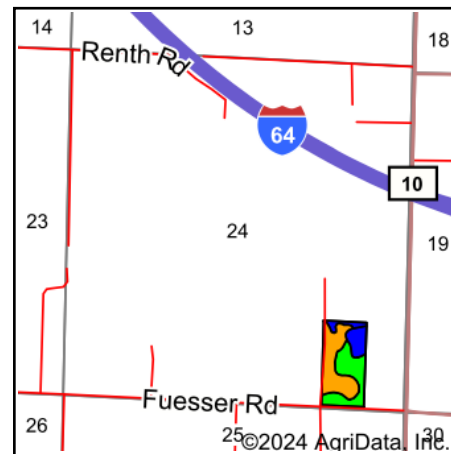


# Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**  
 County: **St. Clair**  
 Location: **24-1N-6W**  
 Township: **Mascoutah**  
 Acres: **19.83**  
 Date: **9/30/2024**



Area Symbol: IL163, Soil Area Version: 15

| Code             | Soil Description                                       | Acres | Percent of field | II. State Productivity Index Legend | Subsoil rooting <sup>a</sup> | Corn Bu/A | Soybeans Bu/A | Wheat Bu/A | Oats Bu/A <sup>b</sup> | Sorghum <sup>c</sup> Bu/A | Grass-legume <sup>e</sup> hay, T/A | Crop productivity index for optimum management |
|------------------|--------------------------------------------------------|-------|------------------|-------------------------------------|------------------------------|-----------|---------------|------------|------------------------|---------------------------|------------------------------------|------------------------------------------------|
| 894A             | Herrick-Biddle-Piasa silt loams, 0 to 2 percent slopes | 8.66  | 43.6%            |                                     | FAV                          | 158       | 52            | 63         | 78                     | 0                         | 5.00                               | 118                                            |
| 993A             | Cowden-Piasa silt loams, 0 to 2 percent slopes         | 7.33  | 37.0%            |                                     | FAV                          | 148       | 49            | 58         | 33                     | 60                        | 4.50                               | 111                                            |
| 46A              | Herrick silt loam, 0 to 2 percent slopes               | 2.69  | 13.6%            |                                     | FAV                          | 181       | 58            | 73         | 94                     | 0                         | 5.50                               | 133                                            |
| **885A           | Virden-Fosterburg silt loams, 0 to 2 percent slopes    | 1.15  | 5.8%             |                                     | FAV                          | **182     | **59          | **72       | **48                   | **64                      | **5.50                             | **135                                          |
| Weighted Average |                                                        |       |                  |                                     |                              | 158.8     | 52.1          | 63         | 61.8                   | 25.9                      | 4.9                                | 118.4                                          |

**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 II. Soils EFOTG

**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".

**e** Soils in the well drained group were not rated for grass-legume and are shown with a zero "0".