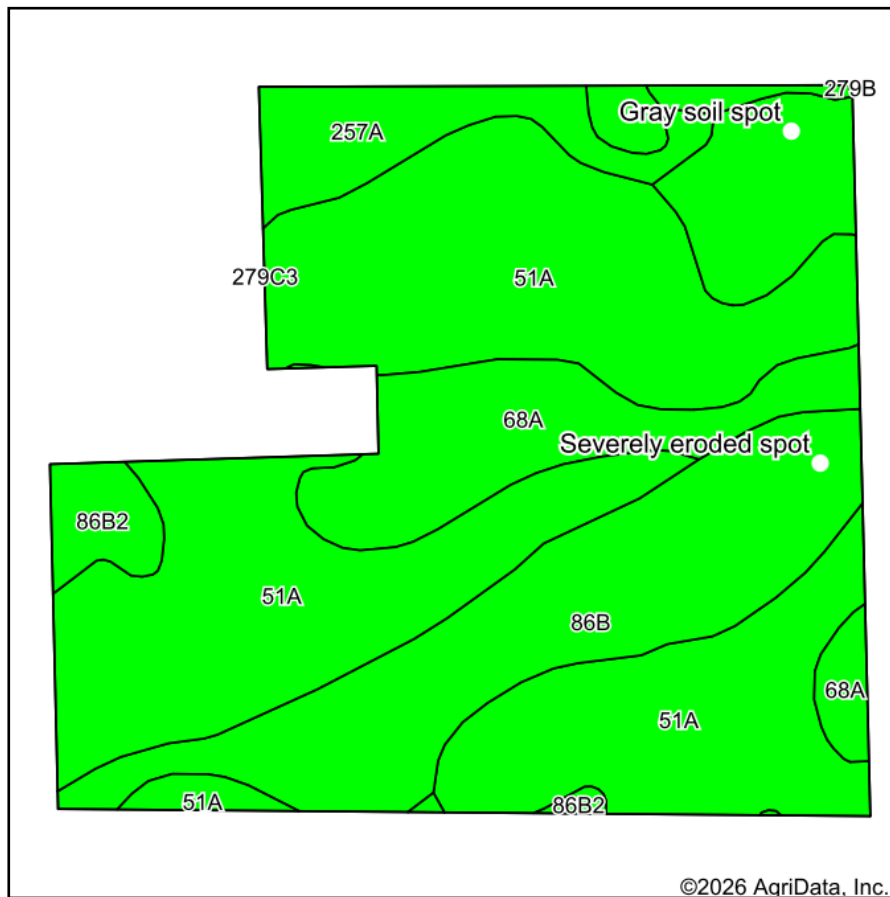
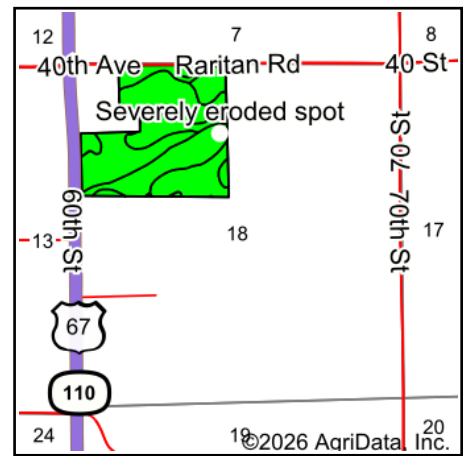


# Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**  
 County: **Warren**  
 Location: **18-8N-2W**  
 Township: **Swan**  
 Acres: **88.56**  
 Date: **5/28/2026**



| Area Symbol: IL187, Soil Area Version: 19 |                                               |       |                  |                                     |                   |                         |                               |            |                |             |                         |                                                 |                  |
|-------------------------------------------|-----------------------------------------------|-------|------------------|-------------------------------------|-------------------|-------------------------|-------------------------------|------------|----------------|-------------|-------------------------|-------------------------------------------------|------------------|
| Code                                      | Soil Description                              | Acres | Percent of field | Il. State Productivity Index Legend | Restrictive Layer | Soil Drainage           | *Subsoil rooting <sup>a</sup> | *Corn Bu/A | *Soybeans Bu/A | *Wheat Bu/A | *Oats Bu/A <sup>b</sup> | *Crop productivity index for optimum management | *n NCCPI Overall |
| 51A                                       | Muscataune silt loam, 0 to 2 percent slopes   | 47.81 | 54.0%            |                                     | > 6.5ft.          | Somewhat poorly drained | FAV                           | 200        | 64             | 75          | 104                     | 147                                             | 95               |
| **86B                                     | Osco silt loam, 2 to 5 percent slopes         | 16.83 | 19.0%            |                                     | > 6.5ft.          | Well drained            | FAV                           | **187      | **59           | **74        | **100                   | **138                                           | 92               |
| **68A                                     | Sable silty clay loam, 0 to 2 percent slopes  | 15.05 | 17.0%            |                                     | > 6.5ft.          | Poorly drained          | FAV                           | **192      | **63           | **74        | **99                    | **143                                           | 84               |
| 257A                                      | Clarksdale silt loam, 0 to 2 percent slopes   | 5.16  | 5.8%             |                                     | > 6.5ft.          | Somewhat poorly drained | FAV                           | 174        | 56             | 69          | 89                      | 128                                             | 91               |
| **86B2                                    | Osco silt loam, 2 to 5 percent slopes, eroded | 2.30  | 2.6%             |                                     | > 6.5ft.          | Well drained            | FAV                           | **180      | **56           | **71        | **96                    | **133                                           | 85               |

Soils data provided by USDA and NRCS. Soils data provided by University of Illinois at Champaign-Urbana.

| Code             | Soil Description                                       | Acres | Percent of field | Il. State Productivity Index Legend | Restrictive Layer | Soil Drainage           | *Subsoil rooting <b>a</b> | *Corn Bu/A | *Soybeans Bu/A | *Wheat Bu/A | *Oats Bu/A <b>b</b> | *Crop productivity index for optimum management | *n NCCPI Overall |
|------------------|--------------------------------------------------------|-------|------------------|-------------------------------------|-------------------|-------------------------|---------------------------|------------|----------------|-------------|---------------------|-------------------------------------------------|------------------|
| **8cG            | Hickory silt loam, cool mesic, 35 to 60 percent slopes | 0.79  | 0.9%             |                                     | > 6.5ft.          | Well drained            | FAV                       | **58       | **20           | **23        | **27                | **44                                            | 24               |
| 17A              | Keomah silt loam, 0 to 2 percent slopes                | 0.62  | 0.7%             |                                     | > 6.5ft.          | Somewhat poorly drained | FAV                       | 161        | 51             | 65          | 83                  | 119                                             | 89               |
| Weighted Average |                                                        |       |                  |                                     |                   |                         |                           | 192.6      | 61.7           | 73.7        | 100.5               | 142                                             | *n 91.4          |

**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, 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>

\* The flood/pond factor has been removed for B811 indexes and yields.

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

**b** Soils in the southern region were not rated for oats and are shown with a zero "0".

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

|  | Symbol | Name                 | Description                                                                                                                                                                                                                                   |
|--|--------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | GSP    | Gray soil spot       | Areas where the surface layer is mixed with a light colored subsurface layer exposed on the surface, where the surrounding soils do not contain a subsurface layer. These areas are in poorly drained depressions. Typically .25 to 2 acres.  |
|  | ERO    | Severely eroded spot | An area where on the average 75 percent or more of the original surface layer has been lost because of accelerated erosion. Not used in map units that are named severely eroded, very severely eroded, or gullied. Typically .25 to 2 acres. |