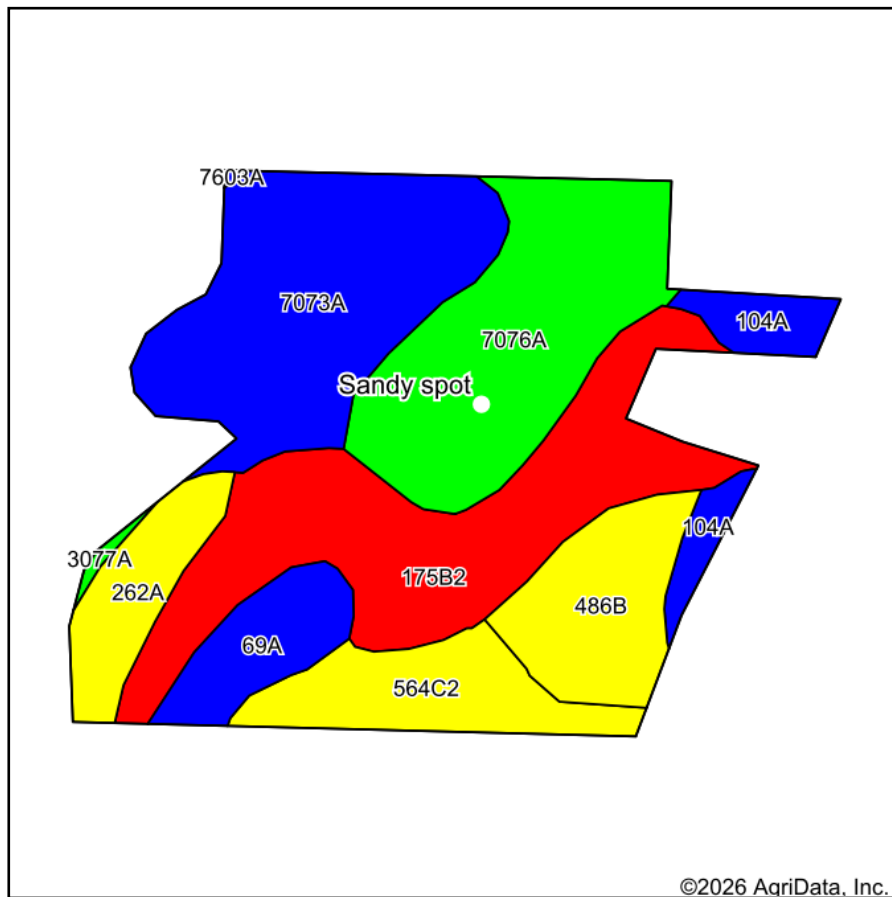
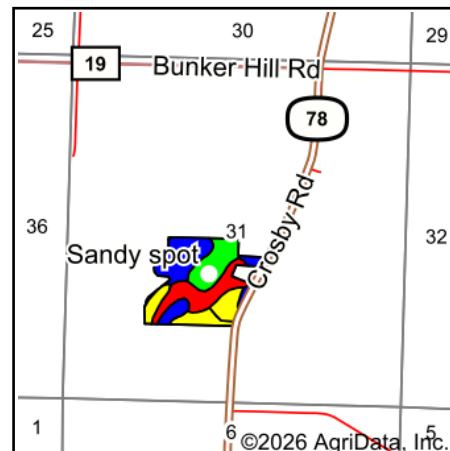


# Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**  
 County: **Whiteside**  
 Location: **31-21N-5E**  
 Township: **Mount Pleasant**  
 Acres: **40**  
 Date: **8/3/2026**

Maps Provided By:  
  
 CUSTOMIZED ONLINE MAPPING  
 © AgriData, Inc. 2025 www.AgriDataInc.com



Area Symbol: IL195, Soil Area Version: 24

| Code    | Soil Description                                       | Acres | Percent of field | Il. State Productivity Index Legend | Restrictive Layer | Soil Drainage  | *Subsoil rooting <i>a</i> | *Corn Bu/A | *Soybeans Bu/A | *Wheat Bu/A | *Oats Bu/A <i>b</i> | *Grass-legume <i>e</i> hay, T/A | *Crop productivity index for optimum management | *n NCCF Overa |
|---------|--------------------------------------------------------|-------|------------------|-------------------------------------|-------------------|----------------|---------------------------|------------|----------------|-------------|---------------------|---------------------------------|-------------------------------------------------|---------------|
| **175B2 | Lamont fine sandy loam, 2 to 5 percent slopes, eroded  | 9.68  | 24.4%            |                                     | > 6.5ft.          | Well drained   | FAV                       | **124      | **42           | **51        | **64                | **3.00                          | **93                                            |               |
| **7073A | Ross silt loam, 0 to 2 percent slopes, rarely flooded  | 8.90  | 22.2%            |                                     | > 6.5ft.          | Well drained   | FAV                       | **185      | **60           | **72        | **91                | **6.00                          | **137                                           |               |
| 7076A   | Otter silt loam, 0 to 2 percent slopes, rarely flooded | 8.02  | 20.0%            |                                     | > 6.5ft.          | Poorly drained | FAV                       | 186        | 61             | 71          | 93                  | 6.00                            | 139                                             |               |
| **486B  | Bertrand silt loam, 2 to 5 percent slopes              | 3.62  | 9.0%             |                                     | > 6.5ft.          | Well drained   | FAV                       | **155      | **50           | **60        | **81                | **4.00                          | **113                                           |               |

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

| Code             | Soil Description                                                | Acres | Percent of field | II. 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> | *Grass-legume <b>e</b> hay, T/A | *Crop productivity index for optimum management | *n NCCF Overa |
|------------------|-----------------------------------------------------------------|-------|------------------|-------------------------------------|-------------------------------------------------------|-------------------------|---------------------------|------------|----------------|-------------|---------------------|---------------------------------|-------------------------------------------------|---------------|
| **564C2          | Waukegan silt loam, 5 to 10 percent slopes, eroded              | 3.41  | 8.5%             |                                     | 2.1ft. (Strongly contrasting textural stratification) | Well drained            | FAV                       | **151      | **49           | **59        | **76                | **4.00                          | **111                                           |               |
| 262A             | Denrock silt loam, 0 to 2 percent slopes                        | 2.33  | 5.8%             |                                     | > 6.5ft.                                              | Somewhat poorly drained | FAV                       | 157        | 50             | 64          | 82                  | 4.00                            | 115                                             |               |
| **69A            | Milford silty clay loam, 0 to 2 percent slopes                  | 2.21  | 5.5%             |                                     | > 6.5ft.                                              | Poorly drained          | FAV                       | **171      | **57           | **68        | **88                | **6.00                          | **128                                           |               |
| 104A             | Virgil silt loam, 0 to 2 percent slopes                         | 1.69  | 4.2%             |                                     | > 6.5ft.                                              | Somewhat poorly drained | FAV                       | 182        | 56             | 70          | 97                  | 6.00                            | 132                                             |               |
| **3077A          | Huntsville silt loam, 0 to 2 percent slopes, frequently flooded | 0.14  | 0.4%             |                                     | > 6.5ft.                                              | Well drained            | FAV                       | **193      | **61           | **74        | **100               | **7.78                          | **143                                           |               |
| Weighted Average |                                                                 |       |                  |                                     |                                                       |                         |                           | 162.3      | 53.1           | 63.8        | 82.3                | 4.8                             | 120.4                                           | *n 8          |

**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 II. Soils EFOTG

**b** Soils in the southern region were not rated for oats 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".

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

|  | Symbol | Name       | Description                                                                                                                                                                                              |
|--|--------|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | SAN    | Sandy spot | A spot where the surface layer is loamy fine sand or coarser in areas where the surface layer of the named soils in the surrounding map unit is very fine sandy loam or finer. Typically .25 to 2 acres. |