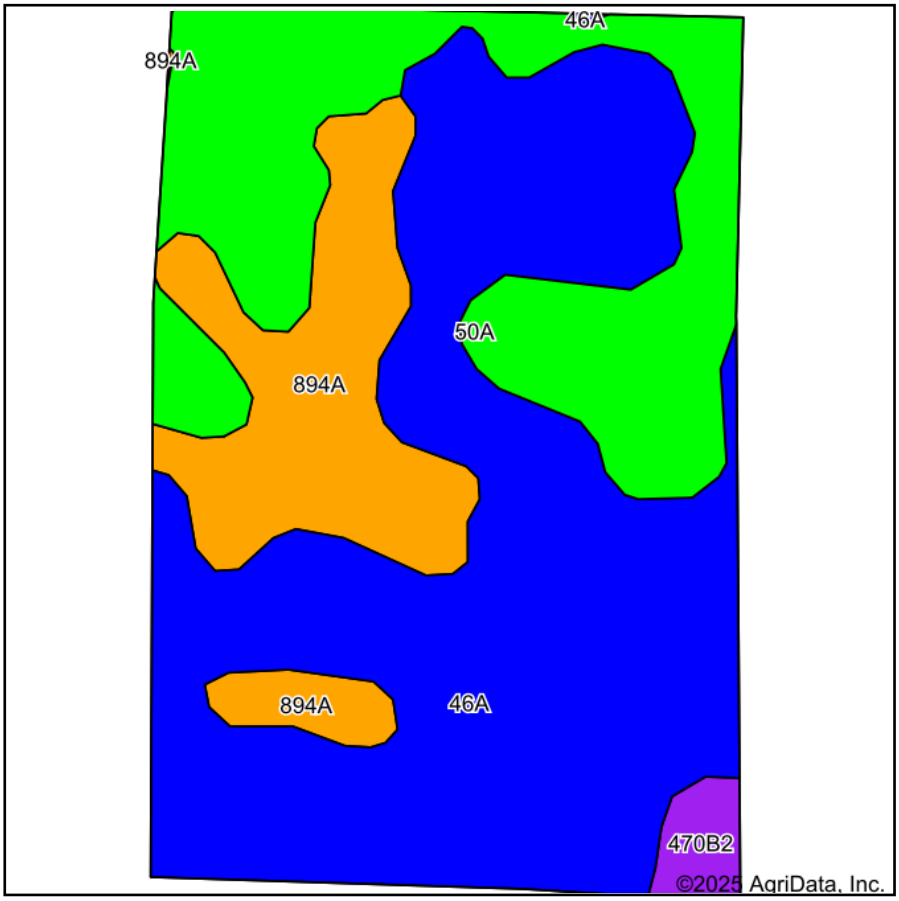
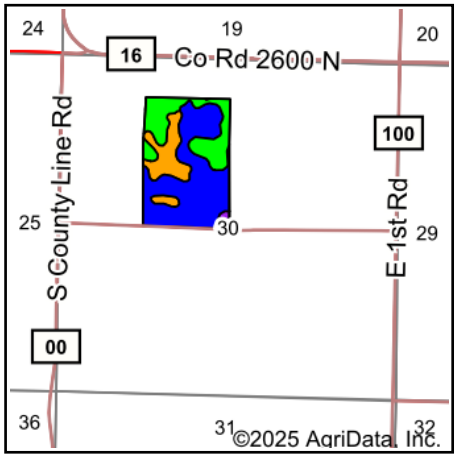
# Soils Map




Soils data provided by USDA and NRCS.




State: **Illinois**
County: **Montgomery**
Location: **30-11N-5W**
Township: **Pitman**
Acres: **63.37**
Date: **9/23/2025**

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Maps Provided By:
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N W E S

Area Symbol: IL135, Soil Area Version: 21

| Code | Soil Description | Acres | Percent of field | Il. State Productivity Index Legend | Subsoil rooting *a* | Corn Bu/A | Soybeans Bu/A | Wheat Bu/A | Oats Bu/A *b* | Sorghum *c* Bu/A | Grass-legume *e* hay, T/A | Crop productivity index for optimum management | *n NCCPI Soybeans |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 46A | Herrick silt loam, 0 to 2 percent slopes | 35.35 | 55.8% | | FAV | 181 | 58 | 73 | 94 | 0 | 6.00 | 133 | 70 |
| **50A | Virden silty clay loam, 0 to 2 percent slopes | 16.28 | 25.7% | | FAV | **186 | **60 | **75 | **94 | 0 | **5.00 | **138 | 67 |
| 894A | Herrick-Biddle-Piasa silt loams, 0 to 2 percent slopes | 10.58 | 16.7% | | FAV | 162 | 53 | 65 | 82 | 0 | 6.00 | 121 | 62 |
| **470B2 | Keller silt loam, 2 to 5 percent slopes, eroded | 1.16 | 1.8% | | UNF | **141 | **47 | **57 | **60 | 0 | **4.00 | **106 | 59 |
| | | | | | **Weighted Average** | **178.4** | **57.5** | **71.9** | **91.4** | *- | **5.7** | **131.8** | ***n 67.7** |

**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: 01-28-2025
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
***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".
*n: The aggregation method is "Weighted Average using all components"

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