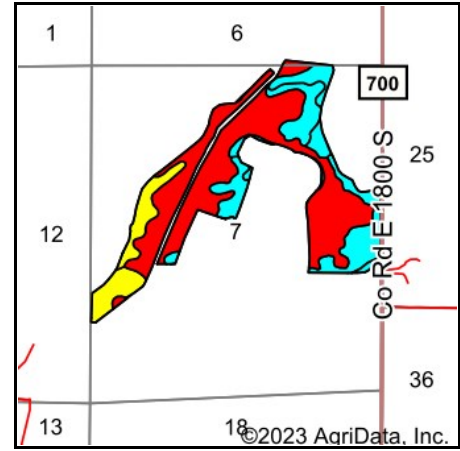
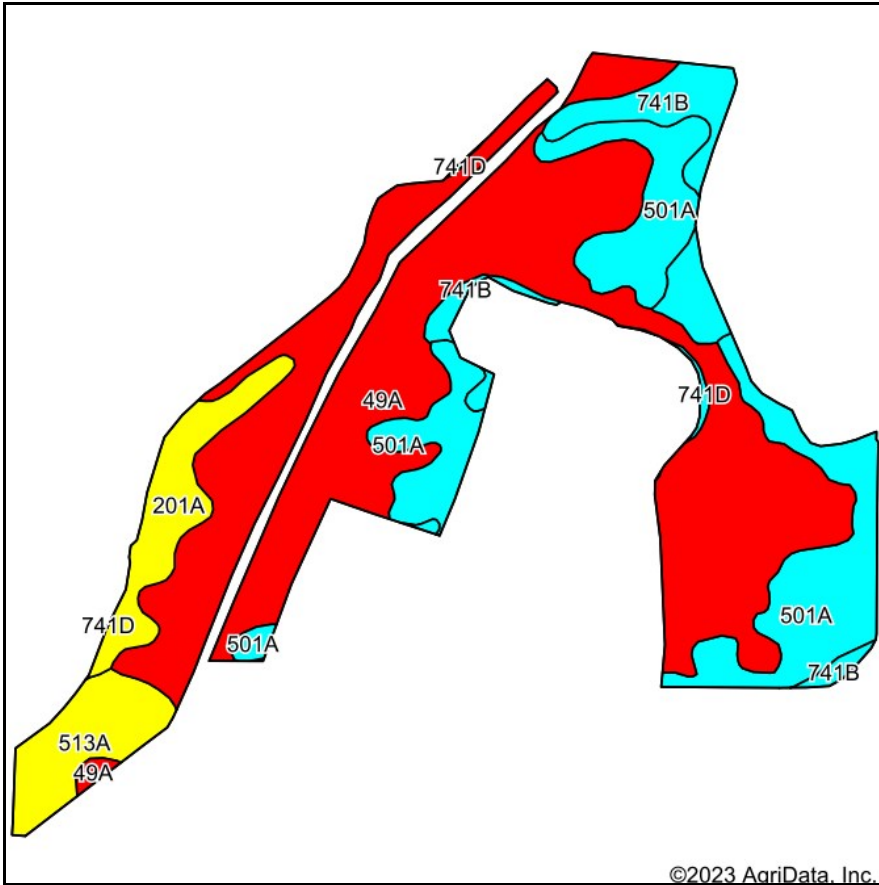


Soils Map



State: **Illinois**
 County: **Kankakee**
 Location: **7-30N-10W**
 Township: **Pembroke**
 Acres: **148.78**
 Date: **4/4/2023**



Maps Provided By:



Soils data provided by USDA and NRCS.

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Area Symbol: IL091, Soil Area Version: 19

| Code | Soil Description | Acres | Percent of field | Il. State Productivity Index Legend | Water Table | Restrictive Layer | Soil Drainage | Subsoil rooting ^a | Corn Bu/A | Soybeans Bu/A | Wheat Bu/A | Grass-legume hay, T/A | Crop productivity index for optimum management |
|--------|--|-------|------------------|-------------------------------------|-------------|-------------------|-------------------------|------------------------------|-----------|---------------|------------|-----------------------|--|
| 49A | Watseka loamy fine sand, 0 to 2 percent slopes | 86.74 | 58.3% | | 1.5ft. | > 6.5ft. | Somewhat poorly drained | FAV | 122 | 41 | 51 | 4.39 | 93 |
| 501A | Morocco loamy fine sand, 0 to 2 percent slopes | 32.55 | 21.9% | | 1ft. | > 6.5ft. | Somewhat poorly drained | FAV | 112 | 39 | 50 | 4.39 | 87 |
| **741B | Oakville fine sand, 1 to 6 percent slopes | 11.01 | 7.4% | | > 6.5ft. | > 6.5ft. | Excessively drained | FAV | **106 | **38 | **47 | **3.60 | **81 |
| 201A | Gilford fine sandy loam, 0 to 2 percent slopes | 9.24 | 6.2% | | 0.5ft. | > 6.5ft. | Poorly drained | FAV | 148 | 49 | 59 | 4.52 | 110 |
| 513A | Granby fine sandy loam, 0 to 2 percent slopes | 8.74 | 5.9% | | 0.5ft. | > 6.5ft. | Poorly drained | FAV | 139 | 50 | 60 | 4.39 | 108 |



| Code | Soil Description | Acres | Percent of field | Il. State Productivity Index Legend | Water Table | Restrictive Layer | Soil Drainage | Subsoil rooting ^a | Corn Bu/A | Soybeans Bu/A | Wheat Bu/A | Grass-legume ^e hay, T/A | Crop productivity index for optimum management |
|-------------------------|--|-------|------------------|-------------------------------------|-------------|-------------------|---------------------|------------------------------|--------------|---------------|-------------|------------------------------------|--|
| **741D | Oakville fine sand, 6 to 12 percent slopes | 0.50 | 0.3% | | > 6.5ft. | > 6.5ft. | Excessively drained | FAV | **104 | **37 | **46 | **3.53 | **80 |
| Weighted Average | | | | | | | | | 121.2 | 41.4 | 51.5 | 4.34 | 92.7 |

Table: Optimum Crop Productivity Ratings for Illinois Soil by K.R. Olson and J.M. Lang, Office of Research, ACES, University of Illinois at Champaign-Urbana. Version: 1/2/2012 Amended Table S2 B811

Crop yields and productivity indices for optimum management (B811) are maintained at the following NRES web site:

<http://soilproductivity.nres.illinois.edu/>

** Indexes adjusted for slope and erosion according to Bulletin 811 Table S3

^a UNF = unfavorable; FAV = favorable

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