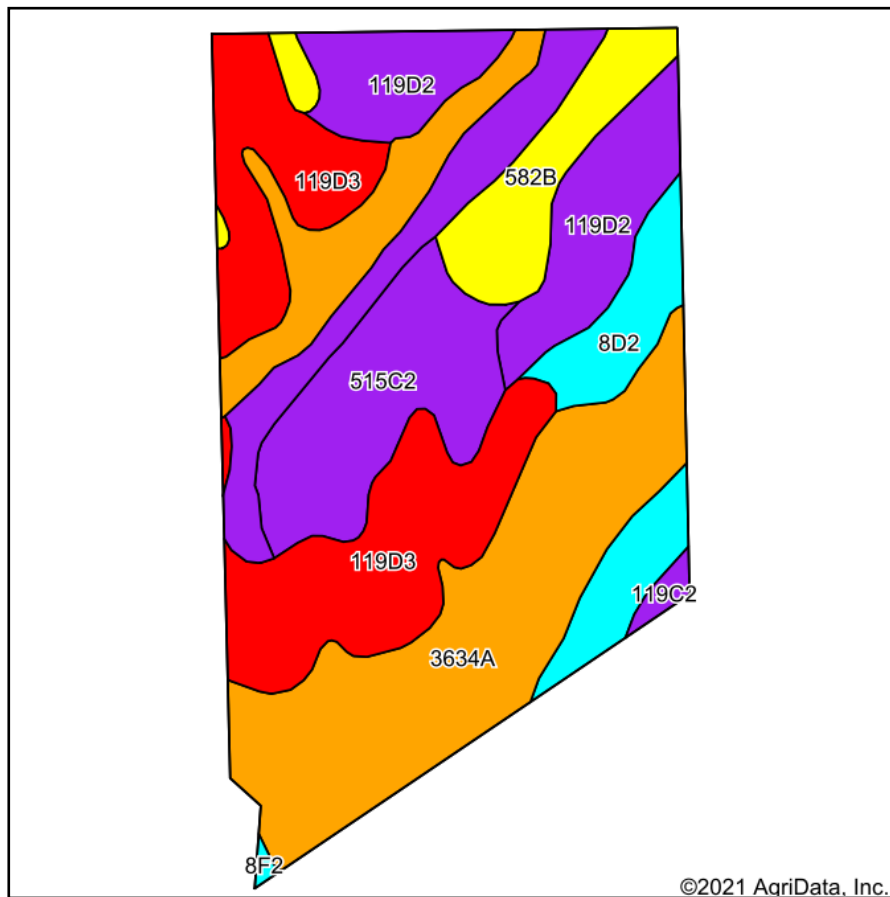
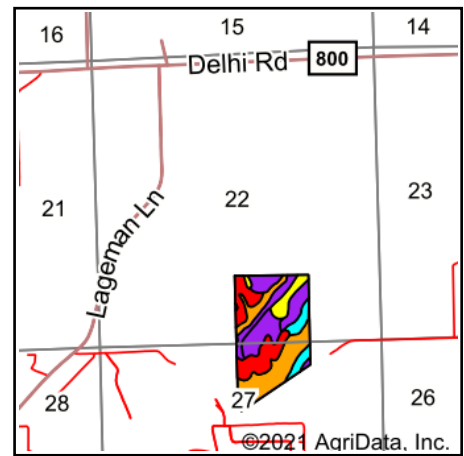


# Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**  
 County: **Jersey**  
 Location: **22-7N-10W**  
 Township: **Piasa**  
 Acres: **66.43**  
 Date: **4/29/2021**



Maps Provided By:



Area Symbol: IL083, Soil Area Version: 15

| Code             | Soil Description   | Acres | Percent of field | Il. State Productivity Index Legend | Subsoil rooting<br><i>a</i> | Corn Bu/A | Soybeans Bu/A | Wheat Bu/A | Oats Bu/A<br><i>b</i> | Sorghum <i>c</i> Bu/A | Alfalfa <i>d</i> hay, T/A | Grass-le gume <i>e</i> hay, T/A | Crop productivity index for optimum management |
|------------------|--|-------|------------------|-------------------------------------|-----------------------------|-----------|---------------|------------|-----------------------|-----------------------|---------------------------|---------------------------------|--|
| 3634A            | Blyton silt loam, 0 to 2 percent slopes, frequently flooded    | 20.49 | 30.8%            |                                     | FAV                         | 171       | 55            | 66         | 83                    | 0                     | 0.00                      | 5.14                            | 126  |
| **119D3          | Elco silty clay loam, 10 to 18 percent slopes, severely eroded | 14.41 | 21.7%            |                                     | FAV                         | **122     | **40          | **48       | **61                  | 0                     | **3.45                    | 0.00                            | **91   |
| **119D2          | Elco silt loam, 10 to 18 percent slopes, eroded                | 12.93 | 19.5%            |                                     | FAV                         | **134     | **44          | **53       | **67                  | 0                     | **3.79                    | 0.00                            | **100  |
| **515C2          | Bunkum silt loam, 5 to 10 percent slopes, eroded               | 7.96  | 12.0%            |                                     | FAV                         | **136     | **47          | **52       | 0                     | **105                 | **3.62                    | 0.00                            | **102  |
| **582B           | Homen silt loam, 2 to 5 percent slopes                         | 4.93  | 7.4%             |                                     | FAV                         | **149     | **47          | **55       | 0                     | **113                 | **3.72                    | 0.00                            | **108  |
| **8D2            | Hickory silt loam, 10 to 18 percent slopes, eroded             | 2.82  | 4.2%             |                                     | FAV                         | **108     | **36          | **44       | **50                  | 0                     | **3.58                    | 0.00                            | **82   |
| **8F             | Hickory silt loam, 18 to 35 percent slopes                     | 2.36  | 3.6%             |                                     | FAV                         | **86      | **29          | **35       | **40                  | 0                     | **2.85                    | 0.00                            | **65   |
| **119C2          | Elco silt loam, 5 to 10 percent slopes, eroded                 | 0.41  | 0.6%             |                                     | FAV                         | **140     | **46          | **55       | **70                  | 0                     | **3.96                    | 0.00                            | **104  |
| **8F2            | Hickory silt loam, 18 to 35 percent slopes, eroded             | 0.12  | 0.2%             |                                     | FAV                         | **80      | **27          | **32       | **37                  | 0                     | **2.65                    | 0.00                            | **61   |
| Weighted Average |  |       |                  |                                     |                             | 141.3     | 46.2          | 54.9       | 55.9                  | 21                    | 2.48                      | 1.59                            | 104.8  |

\*c: Using Capabilities Class Dominant Condition Aggregation Method

**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

*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".

*d* Soils in the poorly drained group were not rated for alfalfa 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".

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