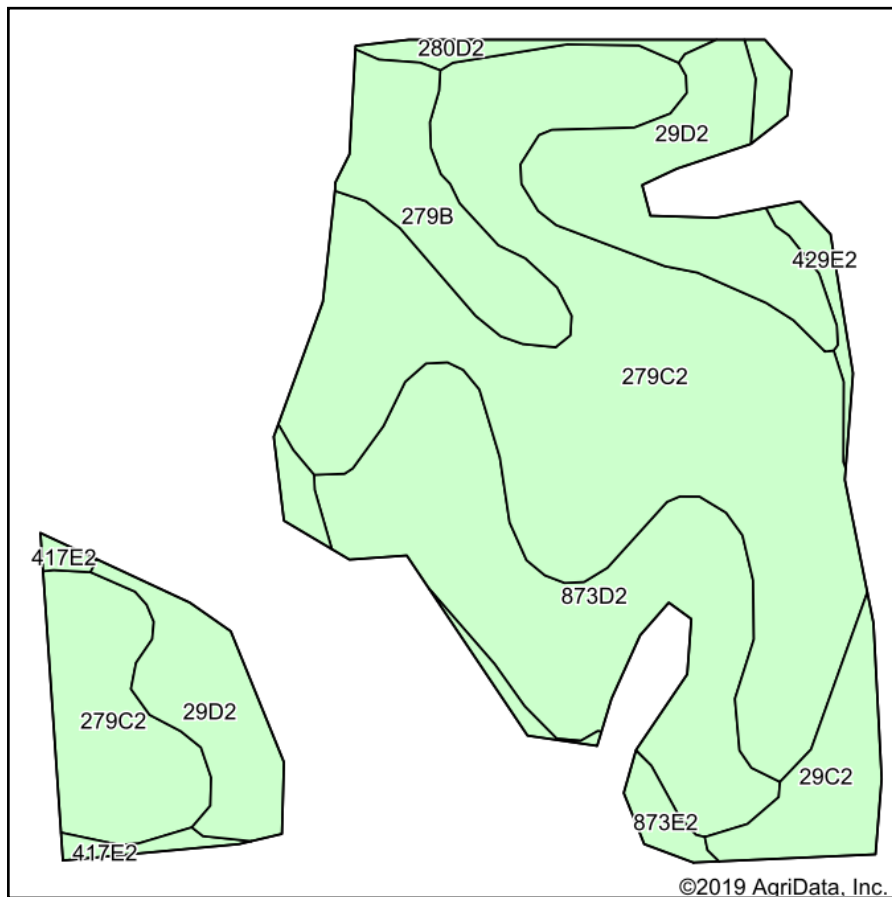
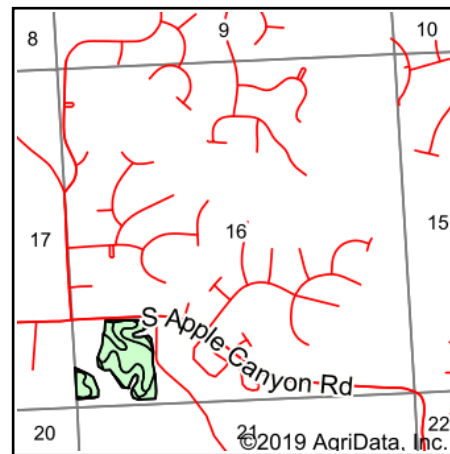


Soils Map



Soils data provided by USDA and NRCS.

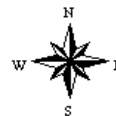


State: **Illinois**
 County: **Jo Daviess**
 Location: **16-28N-3E**
 Township: **Thompson**
 Acres: **21.46**
 Date: **6/11/2020**



Maps Provided By:

 CUSTOMIZED ONLINE MAPPING
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Area Symbol: IL085, Soil Area Version: 16

| 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 | Alfalfa d hay, T/A | Grass-le gume e hay, T/A | Crop productivity index for optimum management |
|------------------|--|-------|------------------|-------------------------------------|-------------------|-----------|---------------|------------|-------------|----------------|--------------------|--------------------------|--|
| **279C2 | Rozetta silt loam, 5 to 10 percent slopes, eroded | 10.47 | 48.8% | | FAV | **153 | **47 | **60 | **78 | 0 | **4.90 | 0.00 | **112 |
| **873D2 | Dunbarton-Dubuque silt loams, 7 to 15 percent slopes, moderately eroded | 4.28 | 19.9% | | UNF | **92 | **31 | **39 | **49 | 0 | 0.00 | **2.93 | **71 |
| **29D2 | Dubuque silt loam, 10 to 18 percent slopes, moderately eroded | 3.02 | 14.1% | | UNF | **108 | **35 | **45 | **58 | 0 | 0.00 | **3.37 | **81 |
| **279B | Rozetta silt loam, 2 to 5 percent slopes | 1.35 | 6.3% | | FAV | **162 | **50 | **64 | **83 | 0 | **5.22 | 0.00 | **119 |
| **29C2 | Dubuque silt loam, 5 to 10 percent slopes, moderately eroded | 0.98 | 4.6% | | UNF | **116 | **38 | **49 | **62 | 0 | 0.00 | **3.61 | **86 |
| **873E2 | Dunbarton-Dubuque silt loams, 15 to 25 percent slopes, moderately eroded | 0.51 | 2.4% | | UNF | **86 | **29 | **36 | **45 | 0 | 0.00 | **2.72 | **66 |
| **429E2 | Palsgrove silt loam, 18 to 25 percent slopes, moderately eroded | 0.39 | 1.8% | | FAV | **106 | **35 | **44 | **55 | 0 | **3.11 | 0.00 | **79 |
| **280D2 | Fayette silt loam, 10 to 18 percent slopes, moderately eroded | 0.25 | 1.2% | | FAV | **149 | **47 | **59 | **76 | 0 | **4.69 | 0.00 | **109 |
| **417E2 | Derinda silt loam, 18 to 25 percent slopes, eroded | 0.21 | 1.0% | | UNF | **90 | **30 | **36 | **45 | 0 | 0.00 | **2.67 | **67 |
| Weighted Average | | | | | | 130.3 | 41.1 | 52.3 | 67.4 | *- | 2.83 | 1.31 | 96.5 |

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".

*c: Using Capabilities Class Dominant Condition Aggregation Method

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