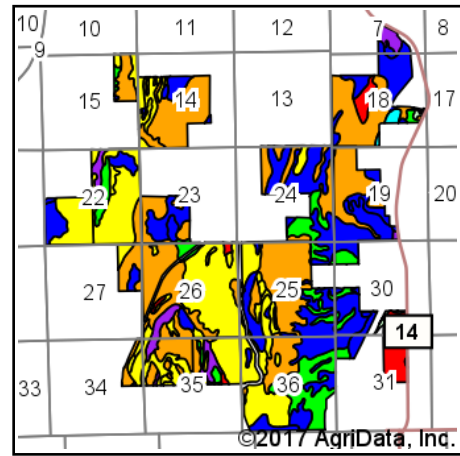
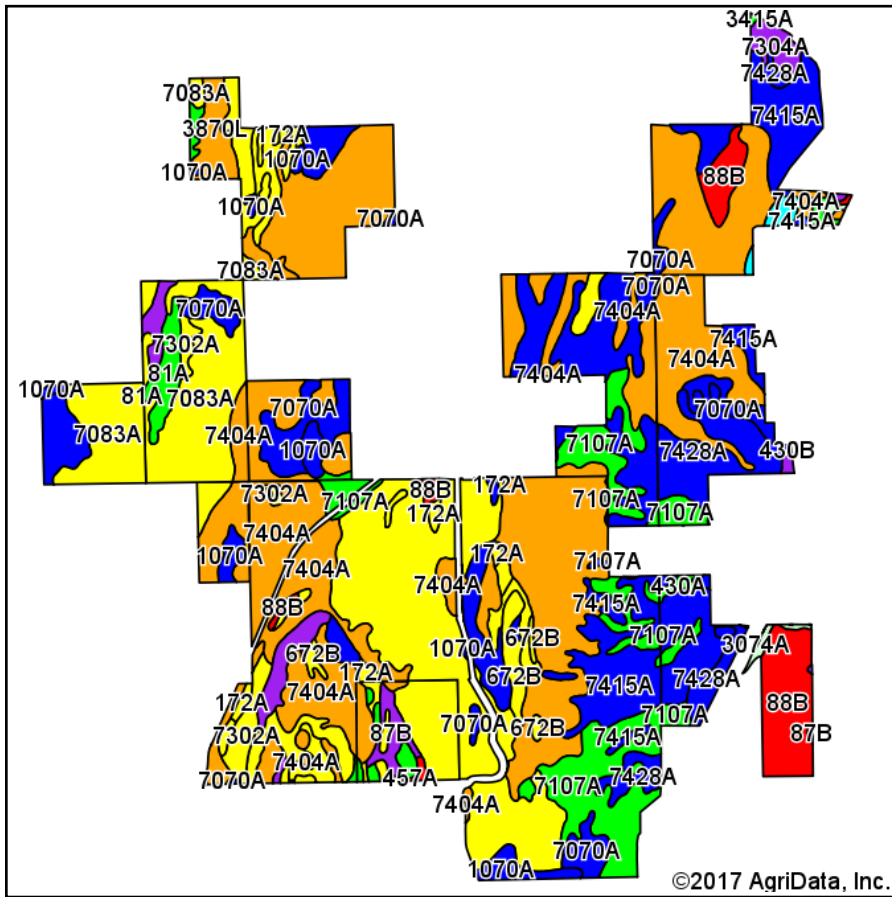


Wilder - Mercer Soils Map



State: **Illinois**
 County: **Mercer**
 Location: **24-15N-6W**
 Township: **Eliza**
 Acres: **4714.77**
 Date: **3/15/2017**



Maps Provided By:



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Soils data provided by USDA and NRCS.

Area Symbol: IL131, Soil Area Version: 12

| 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 |
|--------|--|---------|------------------|-------------------------------------|-------------------|-----------|---------------|------------|-------------|----------------|--------------------|--------------------------|--|
| 7404A | Titus silty clay loam, 0 to 2 percent slopes, rarely flooded | 1503.48 | 31.9% | | FAV | 158 | 52 | 61 | 75 | 0 | 0.00 | 4.89 | 118 |
| 7302A | Ambraw clay loam, 0 to 2 percent slopes, rarely flooded | 689.18 | 14.6% | | FAV | 154 | 50 | 61 | 75 | 0 | 0.00 | 5.02 | 114 |
| 7070A | Beaucoup silty clay loam, 0 to 2 percent slopes, rarely flooded | 398.84 | 8.5% | | FAV | 176 | 58 | 69 | 90 | 0 | 0.00 | 5.39 | 132 |
| 7083A | Wabash silty clay, 0 to 2 percent slopes, rarely flooded | 385.75 | 8.2% | | FAV | 157 | 51 | 61 | 74 | 0 | 0.00 | 4.77 | 116 |
| 7415A | Orion silt loam, 0 to 2 percent slopes, rarely flooded | 352.43 | 7.5% | | FAV | 180 | 57 | 66 | 89 | 0 | 0.00 | 5.02 | 131 |
| 7107A | Sawmill silty clay loam, 0 to 2 percent slopes, rarely flooded | 314.65 | 6.7% | | FAV | 189 | 60 | 71 | 98 | 0 | 0.00 | 5.77 | 139 |
| 7428A | Coffeen silt loam, 0 to 2 percent slopes, rarely flooded | 243.81 | 5.2% | | FAV | 181 | 57 | 68 | 90 | 0 | 0.00 | 5.39 | 132 |
| **88B | Sparta loamy sand, Illinois till plain, 2 to 6 percent slopes | 165.18 | 3.5% | | FAV | **118 | **41 | **50 | **57 | 0 | 0.00 | **3.97 | **91 |
| **672B | Crescent loam, 2 to 5 percent slopes | 133.09 | 2.8% | | FAV | **156 | **50 | **63 | **82 | 0 | **4.59 | 0.00 | **116 |
| 1070A | Beaucoup silty clay loam, undrained, 0 to 2 percent slopes, rarely flooded | 117.60 | 2.5% | | FAV | 176 | 58 | 69 | 90 | 0 | 0.00 | 5.39 | 132 |

| | | | | | | | | | | | | | |
|-------------------------|--|-------|------|--|-----|--------------|-------------|-----------|-------------|----------|-------------|-------------|--------------|
| **87B | Dickinson sandy loam, 2 to 5 percent slopes | 93.22 | 2.0% | | FAV | **141 | **46 | **55 | **73 | 0 | **3.36 | 0.00 | **103 |
| 3870L | Blake-Beaucoup complex, 0 to 2 percent slopes, frequently flooded, long duration | 85.55 | 1.8% | | FAV | 167 | 53 | 64 | 84 | 0 | 0.00 | 5.02 | 123 |
| 81A | Littleton silt loam, 0 to 2 percent slopes | 59.66 | 1.3% | | FAV | 194 | 61 | 74 | 100 | 0 | 0.00 | 6.02 | 142 |
| 172A | Hoopeston sandy loam, 0 to 2 percent slopes | 53.64 | 1.1% | | FAV | 147 | 48 | 59 | 73 | 0 | 0.00 | 4.76 | 109 |
| 7304A | Landes fine sandy loam, 0 to 2 percent slopes, rarely flooded | 31.31 | 0.7% | | FAV | 135 | 45 | 55 | 61 | 0 | 3.39 | 0.00 | 100 |
| 430A | Raddle silt loam, 0 to 2 percent slopes | 29.48 | 0.6% | | FAV | 189 | 59 | 73 | 97 | 0 | 6.52 | 0.00 | 138 |
| **430B | Raddle silt loam, 2 to 5 percent slopes | 20.52 | 0.4% | | FAV | **187 | **58 | **72 | **96 | 0 | **6.45 | 0.00 | **137 |
| **689B | Coloma sand, 1 to 7 percent slopes | 14.97 | 0.3% | | FAV | **101 | **32 | **46 | **52 | 0 | 0.00 | **3.60 | **75 |
| **689G | Coloma sand, 20 to 60 percent slopes | 11.41 | 0.2% | | FAV | **53 | **17 | **24 | **28 | 0 | 0.00 | **1.89 | **40 |
| 3107A | Sawmill silty clay loam, 0 to 2 percent slopes, frequently flooded | 7.54 | 0.2% | | FAV | 189 | 60 | 71 | 98 | 0 | 0.00 | 5.77 | 139 |
| **274B | Seaton silt loam, 2 to 5 percent slopes | 1.28 | 0.0% | | FAV | **164 | **50 | **63 | **84 | 0 | **4.47 | 0.00 | **119 |
| **943D3 | Seaton-Timula silt loams, 10 to 18 percent slopes, severely eroded | 1.14 | 0.0% | | FAV | **131 | **41 | **50 | **65 | 0 | **3.41 | 0.00 | **96 |
| 457A | Booker silty clay, 0 to 2 percent slopes | 0.77 | 0.0% | | FAV | 116 | 41 | 44 | 48 | 0 | 0.00 | 3.89 | 89 |
| 3074A | Radford silt loam, 0 to 2 percent slopes, frequently flooded | 0.14 | 0.0% | | FAV | 186 | 58 | 73 | 99 | 0 | 0.00 | 5.52 | 136 |
| 3415A | Orion silt loam, 0 to 2 percent slopes, frequently flooded | 0.13 | 0.0% | | FAV | 180 | 57 | 66 | 89 | 0 | 0.00 | 5.02 | 131 |
| Weighted Average | | | | | | 162.7 | 52.9 | 63 | 79.9 | * | 0.29 | 4.70 | 120.7 |

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:

<https://www.ideals.illinois.edu/handle/2142/1027/>

** 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