

MULTI-STATE LAND PORTFOLIO AUCTIONS

Mercer County, IL

**4,869[±]
Acres**

**4,582[±] Cropland Acres
(FSA)**

SOIL MAPS
Mercer County, Illinois

*Held at the Western Illinois
Grand Ballroom, Macomb, IL*

MONDAY, DECEMBER 12 • 10AM

 **SCHRADER**
Real Estate and Auction Company, Inc.

800.451.2709 | SchraderAuction.com

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Seller: Wilder Corporation of Delaware

Auction Company: Schrader Real Estate and Auction Company, Inc.

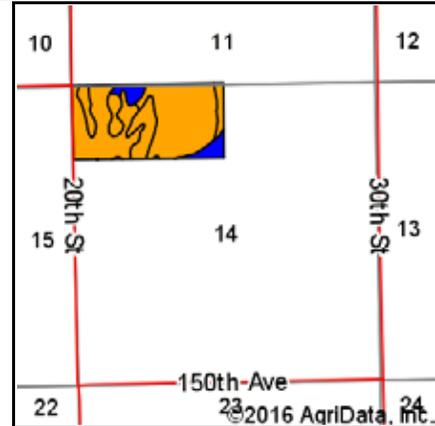
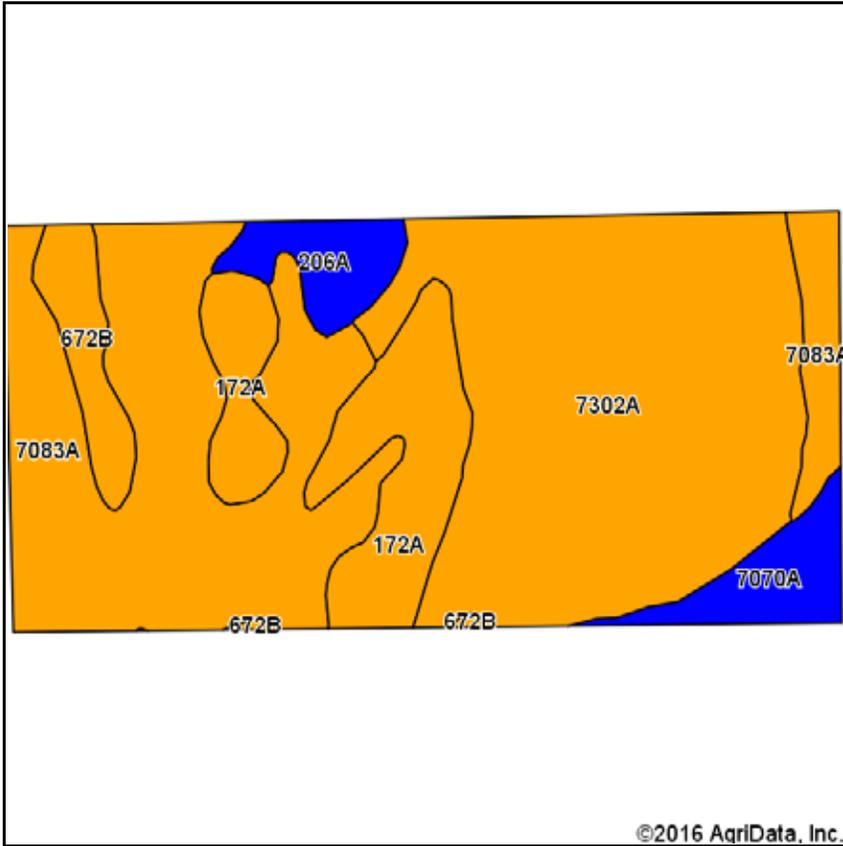


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Schrader Real Estate & Auction Company, Inc. #444.000158

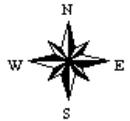
SOIL INFORMATION

SOIL MAP

Mercer County, IL - TRACT 1



State: Illinois
 County: Mercer
 Location: 14-15N-6W
 Township: Eliza
 Acres: 80.74
 Date: 11/11/2016



Soils data provided by USDA and NRCS.

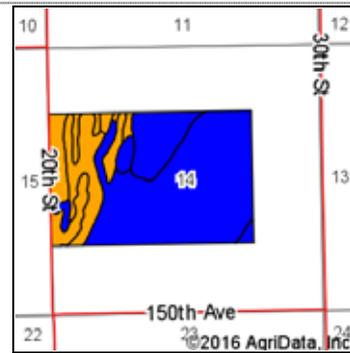
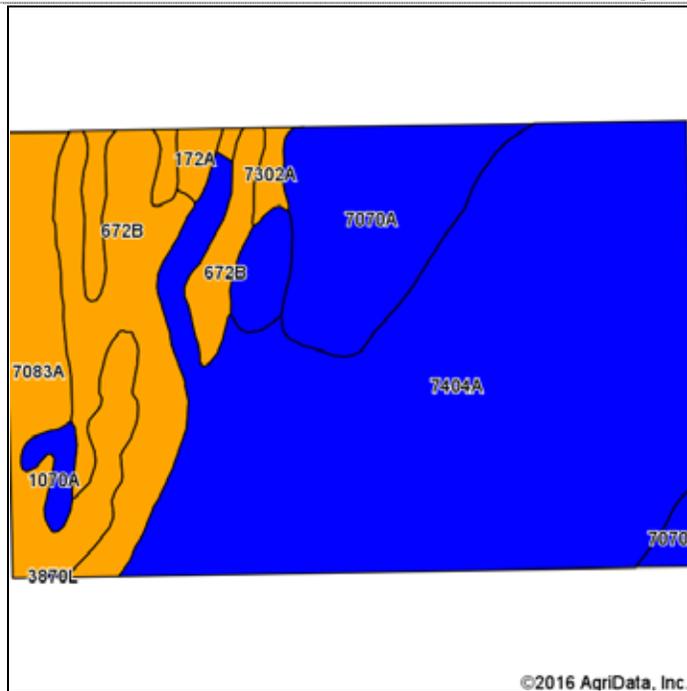
Area Symbol: IL131, Soil Area Version: 11

| 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-legume ^e hay, T/A | Crop productivity index for optimum management |
|-------------------------|---|-------|------------------|-------------------------------------|------------------------------|--------------|---------------|-------------|------------------------|---------------------------|-------------------------------|------------------------------------|--|
| 7302A | Ambraw clay loam, 0 to 2 percent slopes, rarely flooded | 33.09 | 41.0% | | FAV | 154 | 50 | 61 | 75 | 0 | 0.00 | 5.02 | 114 |
| 7083A | Wabash silty clay, 0 to 2 percent slopes, rarely flooded | 27.26 | 33.8% | | FAV | 157 | 51 | 61 | 74 | 0 | 0.00 | 4.77 | 116 |
| 172A | Hoopeston sandy loam, 0 to 2 percent slopes | 10.62 | 13.2% | | FAV | 147 | 48 | 59 | 73 | 0 | 0.00 | 4.76 | 109 |
| 7070A | Beaucoup silty clay loam, 0 to 2 percent slopes, rarely flooded | 3.44 | 4.3% | | FAV | 176 | 58 | 69 | 90 | 0 | 0.00 | 5.39 | 132 |
| **672B | Crescent loam, 2 to 5 percent slopes | 3.27 | 4.1% | | FAV | **156 | **50 | **63 | **82 | 0 | **4.59 | 0.00 | **116 |
| 206A | Thorp silt loam, 0 to 2 percent slopes | 3.06 | 3.8% | | FAV | 170 | 55 | 66 | 88 | 0 | 0.00 | 5.14 | 126 |
| Weighted Average | | | | | | 155.7 | 50.6 | 61.3 | 75.8 | *- | 0.19 | 4.72 | 115.3 |

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

SOIL MAP

Mercer County, IL - TRACT 2



State: **Illinois**
 County: **Mercer**
 Location: **14-15N-6W**
 Township: **Eliza**
 Acres: **240.18**
 Date: **11/11/2016**

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Maps Provided by:
surety
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Soils data provided by USDA and NRCS.

Area Symbol: IL131, Soil Area Version: 11

| 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-legume e hay, T/A | Crop productivity index for optimum management |
|-------------------------|--|--------|------------------|-------------------------------------|-------------------|--------------|---------------|-------------|-------------|----------------|--------------------|-------------------------|--|
| 7404A | Titus silty clay loam, 0 to 2 percent slopes, rarely flooded | 139.63 | 58.1% | ■ | FAV | 158 | 52 | 61 | 75 | 0 | 0.00 | 4.89 | 118 |
| **672B | Crescent loam, 2 to 5 percent slopes | 32.06 | 13.3% | ■ | FAV | **156 | **50 | **63 | **82 | 0 | **4.59 | 0.00 | **116 |
| 7070A | Beaucoup silty clay loam, 0 to 2 percent slopes, rarely flooded | 29.56 | 12.3% | ■ | FAV | 176 | 58 | 69 | 90 | 0 | 0.00 | 5.39 | 132 |
| 7083A | Wabash silty clay, 0 to 2 percent slopes, rarely flooded | 27.87 | 11.6% | ■ | FAV | 157 | 51 | 61 | 74 | 0 | 0.00 | 4.77 | 116 |
| 1070A | Beaucoup silty clay loam, undrained, 0 to 2 percent slopes, rarely flooded | 6.97 | 2.9% | ■ | FAV | 176 | 58 | 69 | 90 | 0 | 0.00 | 5.39 | 132 |
| 7302A | Ambraw clay loam, 0 to 2 percent slopes, rarely flooded | 2.20 | 0.9% | ■ | FAV | 154 | 50 | 61 | 75 | 0 | 0.00 | 5.02 | 114 |
| 172A | Hoopeston sandy loam, 0 to 2 percent slopes | 1.89 | 0.8% | ■ | FAV | 147 | 48 | 59 | 73 | 0 | 0.00 | 4.76 | 109 |
| Weighted Average | | | | | | 160.2 | 52.5 | 62.5 | 78.1 | 0 | 0.61 | 4.30 | 119.5 |

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:
<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".

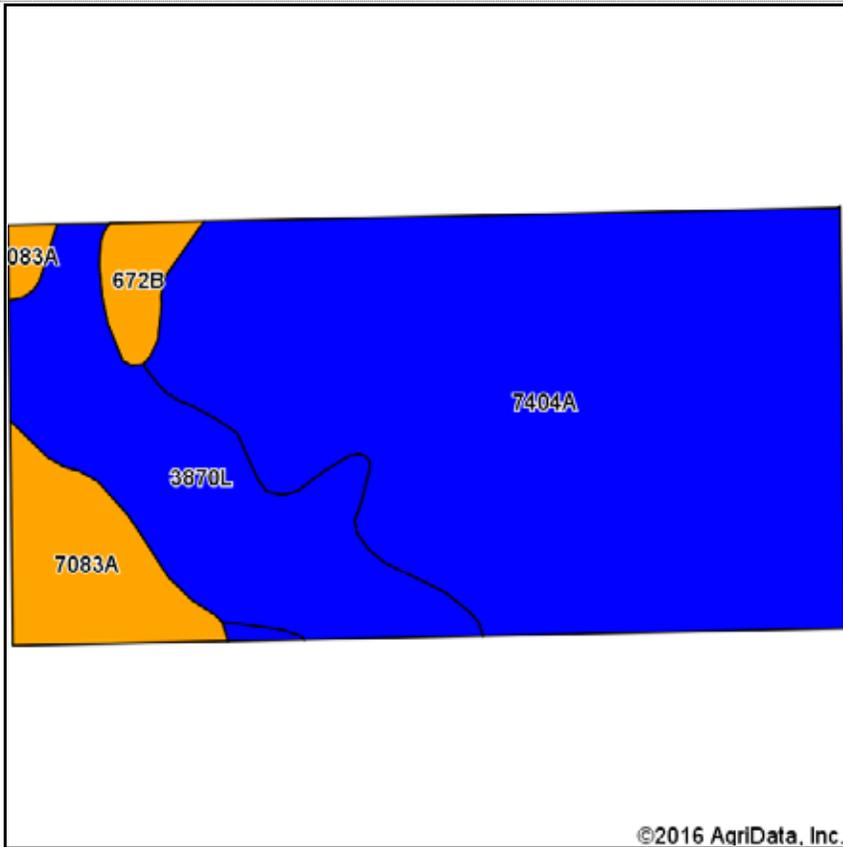
d Soils in the poorly drained group were not rated for alfalfa and are shown with a zero "0".

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

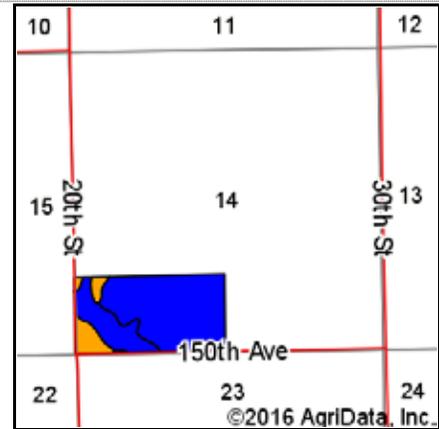
SOIL MAP

Mercer County, IL - TRACT 3

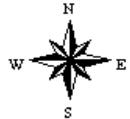


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Soils data provided by USDA and NRCS.



State: **Illinois**
 County: **Mercer**
 Location: **14-15N-6W**
 Township: **Eliza**
 Acres: **80.06**
 Date: **11/11/2016**



Area Symbol: IL131, Soil Area Version: 11

| 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-legume ^e hay, T/A | Crop productivity index for optimum management |
|-------------------------|--|-------|------------------|-------------------------------------|------------------------------|--------------|---------------|-------------|------------------------|---------------------------|-------------------------------|------------------------------------|--|
| 7404A | Titus silty clay loam, 0 to 2 percent slopes, rarely flooded | 55.32 | 69.1% | | FAV | 158 | 52 | 61 | 75 | 0 | 0.00 | 4.89 | 118 |
| 3870L | Blake-Beaucoup complex, 0 to 2 percent slopes, frequently flooded, long duration | 15.95 | 19.9% | | FAV | 167 | 53 | 64 | 84 | 0 | 0.00 | 5.02 | 123 |
| 7083A | Wabash silty clay, 0 to 2 percent slopes, rarely flooded | 6.76 | 8.4% | | FAV | 157 | 51 | 61 | 74 | 0 | 0.00 | 4.77 | 116 |
| **672B | Crescent loam, 2 to 5 percent slopes | 2.03 | 2.5% | | FAV | **156 | **50 | **63 | **82 | 0 | **4.59 | 0.00 | **116 |
| Weighted Average | | | | | | 159.7 | 52.1 | 61.6 | 76.9 | *- | 0.12 | 4.78 | 118.8 |

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

^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".

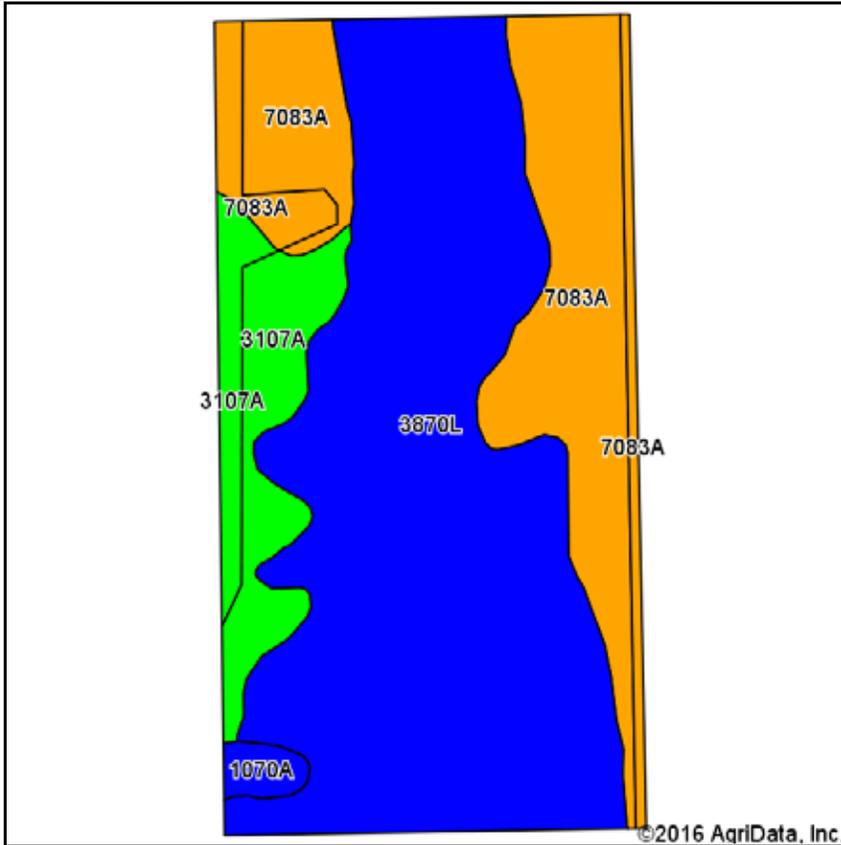
^e Soils in the well drained group were not rated for grass-legume and are shown with a zero "0".

*c: Using Capabilities Class Dominant Condition Aggregation Method

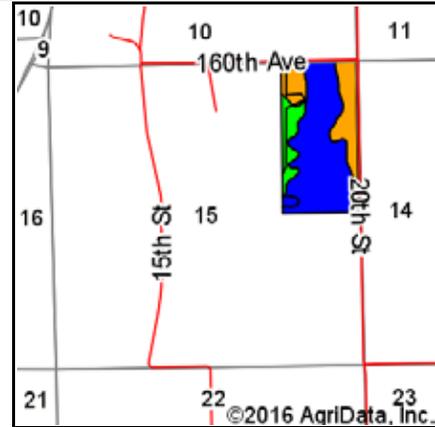
Table: Optimum Crop Productivity Ratings for Illinois Soil by K.R. Olson and J.M. Lang, Office of Research, ACES, University of Illinois at Champaign-Urbana. Version: 1/2/2012 Amended Table S2 B811

SOIL MAP

Mercer County, IL - TRACT 4



Soils data provided by USDA and NRCS.



State: **Illinois**
 County: **Mercer**
 Location: **14-15N-6W**
 Township: **Eliza**
 Acres: **81.32**
 Date: **11/11/2016**



Area Symbol: IL131, Soil Area Version: 11

| 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-legume ^e hay, T/A | Crop productivity index for optimum management |
|-------------------------|--|-------|------------------|-------------------------------------|------------------------------|--------------|---------------|------------|------------------------|---------------------------|-------------------------------|------------------------------------|--|
| 3870L | Blake-Beaucoup complex, 0 to 2 percent slopes, frequently flooded, long duration | 48.78 | 60.0% | | FAV | 167 | 53 | 64 | 84 | 0 | 0.00 | 5.02 | 123 |
| 7083A | Wabash silty clay, 0 to 2 percent slopes, rarely flooded | 22.79 | 28.0% | | FAV | 157 | 51 | 61 | 74 | 0 | 0.00 | 4.77 | 116 |
| 3107A | Sawmill silty clay loam, 0 to 2 percent slopes, frequently flooded | 8.76 | 10.8% | | FAV | 189 | 60 | 71 | 98 | 0 | 0.00 | 5.77 | 139 |
| 1070A | Beaucoup silty clay loam, undrained, 0 to 2 percent slopes, rarely flooded | 0.99 | 1.2% | | FAV | 176 | 58 | 69 | 90 | 0 | 0.00 | 5.39 | 132 |
| Weighted Average | | | | | | 166.7 | 53.3 | 64 | 82.8 | *- | 0.00 | 5.04 | 122.9 |

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, provided by University of Illinois at Champaign-Urbana.

^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".

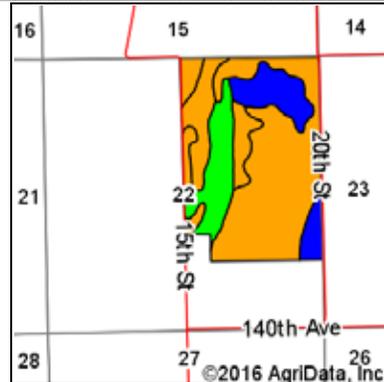
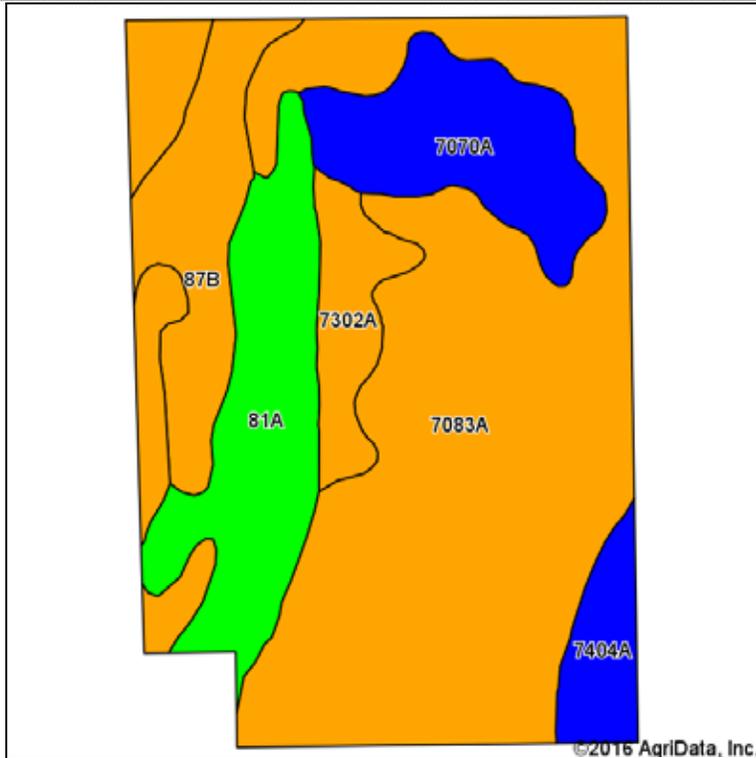
^e Soils in the well drained group were not rated for grass-legume and are shown with a zero "0".

*c: Using Capabilities Class Dominant Condition Aggregation Method

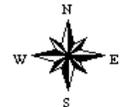
Table: Optimum Crop Productivity Ratings for Illinois Soil by K.R. Olson and J.M. Lang, Office of Research, ACES, University of Illinois at Champaign-Urbana. Version: 1/2/2012 Amended Table S2 B811

SOIL MAP

Mercer County, IL - TRACT 5



State: Illinois
 County: Mercer
 Location: 22-15N-6W
 Township: Eliza
 Acres: 236.72
 Date: 11/11/2016



Soils data provided by USDA and NRCS.

Area Symbol: IL131, Soil Area Version: 11

| 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-legume ^e hay, T/A | Crop productivity index for optimum management |
|-------------------------|---|--------|------------------|-------------------------------------|------------------------------|--------------|---------------|-------------|------------------------|---------------------------|-------------------------------|------------------------------------|--|
| 7083A | Wabash silty clay, 0 to 2 percent slopes, rarely flooded | 133.92 | 56.6% | | FAV | 157 | 51 | 61 | 74 | 0 | 0.00 | 4.77 | 116 |
| 81A | Littleton silt loam, 0 to 2 percent slopes | 34.25 | 14.5% | | FAV | 194 | 61 | 74 | 100 | 0 | 0.00 | 6.02 | 142 |
| 7070A | Beaucoup silty clay loam, 0 to 2 percent slopes, rarely flooded | 25.48 | 10.8% | | FAV | 176 | 58 | 69 | 90 | 0 | 0.00 | 5.39 | 132 |
| **87B | Dickinson sandy loam, 2 to 5 percent slopes | 22.11 | 9.3% | | FAV | **141 | **46 | **55 | **73 | 0 | **3.36 | 0.00 | **103 |
| 7302A | Ambraw clay loam, 0 to 2 percent slopes, rarely flooded | 11.77 | 5.0% | | FAV | 154 | 50 | 61 | 75 | 0 | 0.00 | 5.02 | 114 |
| 7404A | Titus silty clay loam, 0 to 2 percent slopes, rarely flooded | 9.19 | 3.9% | | FAV | 158 | 52 | 61 | 75 | 0 | 0.00 | 4.89 | 118 |
| Weighted Average | | | | | | 162.8 | 52.7 | 63.2 | 79.5 | *. | 0.31 | 4.59 | 120.2 |

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 81 Table S3. Soils are provided by University of Illinois at Champaign-Urbana.

^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".

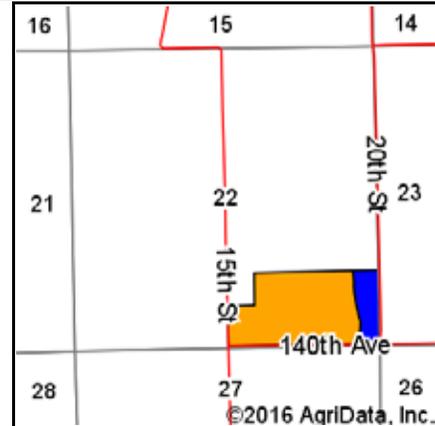
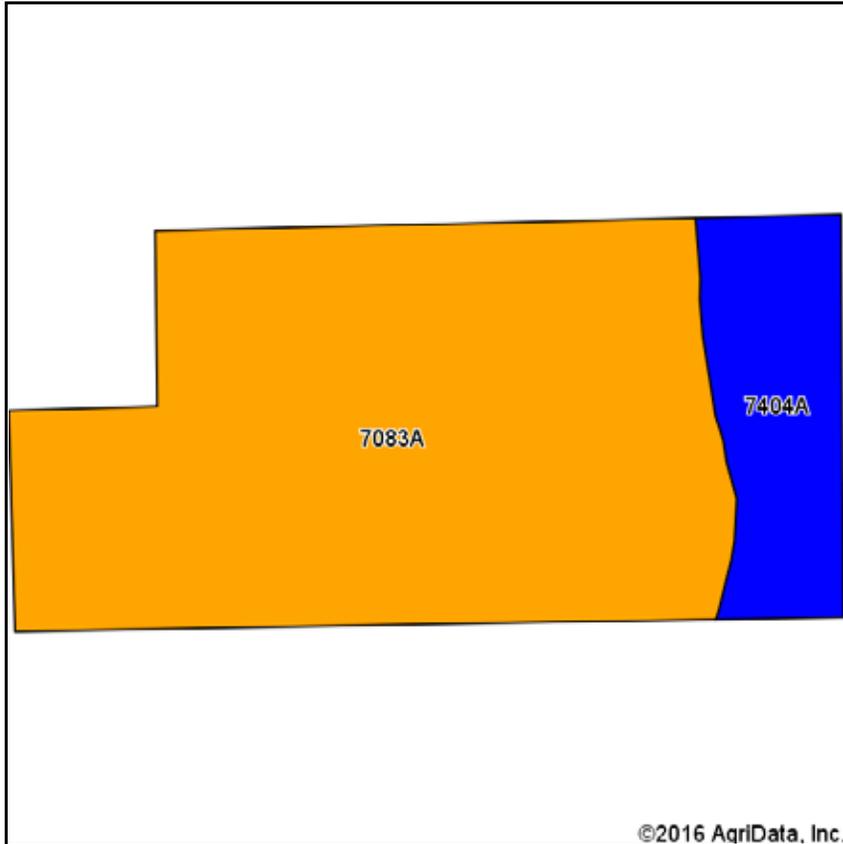
^d Soils in the poorly drained group were not rated for alfalfa and are shown with a zero "0".

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

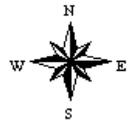
*c: Using Capabilities Class Dominant Condition Aggregation Method

SOIL MAP

Mercer County, IL - TRACT 6



State: **Illinois**
 County: **Mercer**
 Location: **22-15N-6W**
 Township: **Eliza**
 Acres: **73.03**
 Date: **11/11/2016**



Area Symbol: IL131, Soil Area Version: 11

| 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-legume ^e hay, T/A | Crop productivity index for optimum management |
|-------------------------|--|-------|------------------|-------------------------------------|------------------------------|--------------|---------------|------------|------------------------|---------------------------|-------------------------------|------------------------------------|--|
| 7083A | Wabash silty clay, 0 to 2 percent slopes, rarely flooded | 60.92 | 83.4% | | FAV | 157 | 51 | 61 | 74 | 0 | 0.00 | 4.77 | 116 |
| 7404A | Titus silty clay loam, 0 to 2 percent slopes, rarely flooded | 12.11 | 16.6% | | FAV | 158 | 52 | 61 | 75 | 0 | 0.00 | 4.89 | 118 |
| Weighted Average | | | | | | 157.2 | 51.2 | 61 | 74.2 | *- | 0.00 | 4.79 | 116.3 |

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 63, Table S3

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

^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".

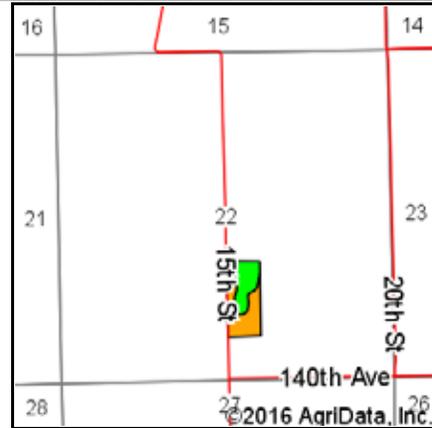
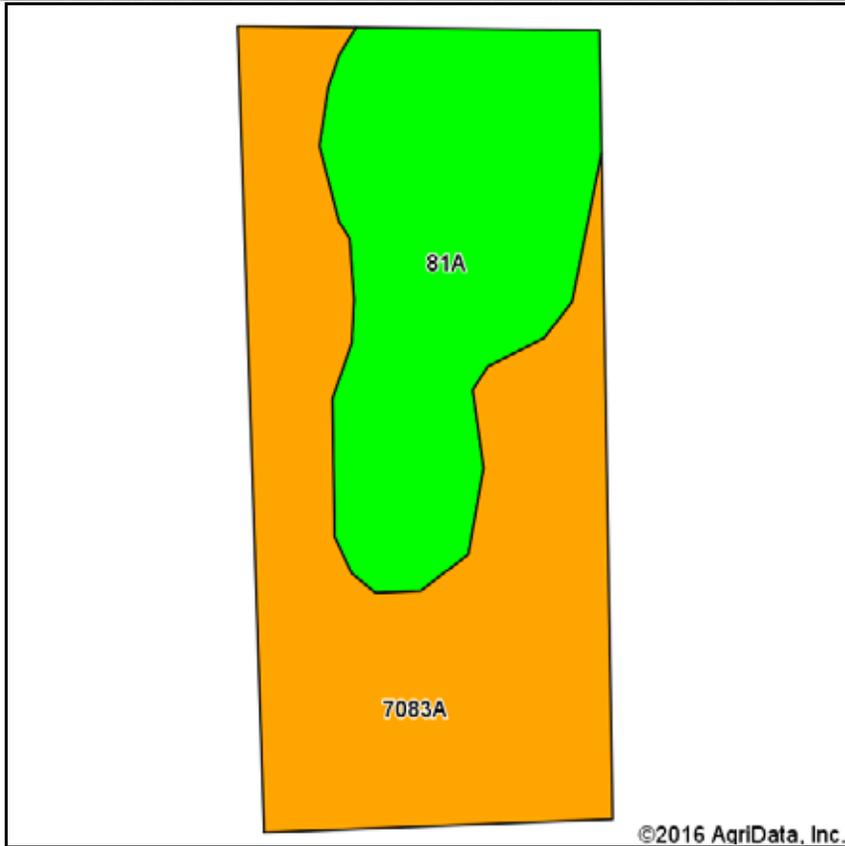
^e Soils in the well drained group were not rated for grass-legume and are shown with a zero "0".

*c: Using Capabilities Class Dominant Condition Aggregation Method

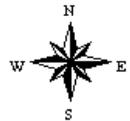
Table: Optimum Crop Productivity Ratings for Illinois Soil by K.R. Olson and J.M. Lang, Office of Research, ACES, University of Illinois at Champaign-Urbana. Version: 1/2/2012 Amended Table S2 B811

SOIL MAP

Mercer County, IL - TRACT 7



State: **Illinois**
 County: **Mercer**
 Location: **22-15N-6W**
 Township: **Eliza**
 Acres: **15.02**
 Date: **11/11/2016**



Area Symbol: IL131, Soil Area Version: 11

| 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-legume ^e hay, T/A | Crop productivity index for optimum management |
|-------------------------|--|-------|------------------|-------------------------------------|------------------------------|--------------|---------------|-------------|------------------------|---------------------------|-------------------------------|------------------------------------|--|
| 7083A | Wabash silty clay, 0 to 2 percent slopes, rarely flooded | 9.06 | 60.3% | | FAV | 157 | 51 | 61 | 74 | 0 | 0.00 | 4.77 | 116 |
| 81A | Littleton silt loam, 0 to 2 percent slopes | 5.96 | 39.7% | | FAV | 194 | 61 | 74 | 100 | 0 | 0.00 | 6.02 | 142 |
| Weighted Average | | | | | | 171.7 | 55 | 66.2 | 84.3 | *- | 0.00 | 5.27 | 126.3 |

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

<https://www.ideals.illinois.edu/handle/2142/10271>

** Indexes adjusted for slope and erosion according to Bulletin 811 Table S3. Soils data provided by University of Illinois at Champaign-Urbana.

^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".

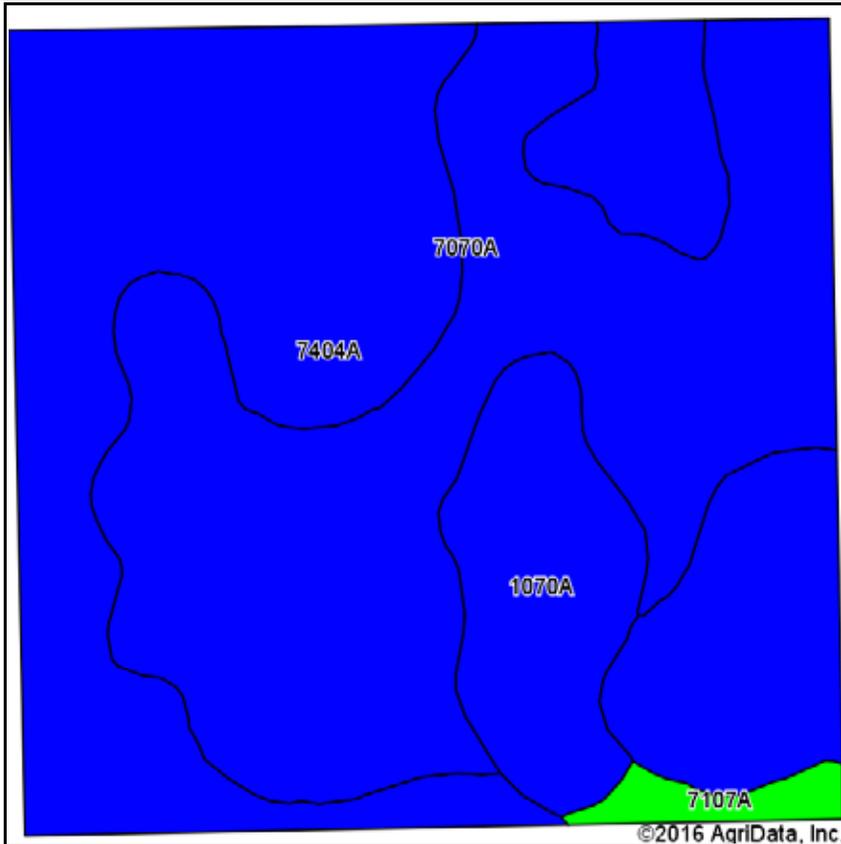
^e Soils in the well drained group were not rated for grass-legume and are shown with a zero "0".

*c: Using Capabilities Class Dominant Condition Aggregation Method

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

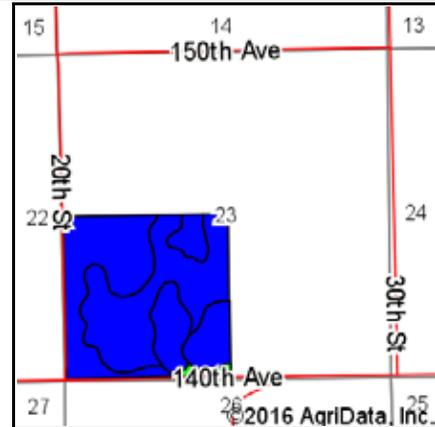
SOIL MAP

Mercer County, IL - TRACT 8

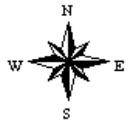


Soils data provided by USDA and NRCS.

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State: Illinois
 County: Mercer
 Location: 23-15N-6W
 Township: Eliza
 Acres: 160.38
 Date: 11/11/2016



Area Symbol: IL131, Soil Area Version: 11

| 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-legume ^e hay, T/A | Crop productivity index for optimum management |
|-------------------------|--|-------|------------------|-------------------------------------|------------------------------|--------------|---------------|-------------|------------------------|---------------------------|-------------------------------|------------------------------------|--|
| 7404A | Titus silty clay loam, 0 to 2 percent slopes, rarely flooded | 75.70 | 47.2% | | FAV | 158 | 52 | 61 | 75 | 0 | 0.00 | 4.89 | 118 |
| 7070A | Beaucoup silty clay loam, 0 to 2 percent slopes, rarely flooded | 66.26 | 41.3% | | FAV | 176 | 58 | 69 | 90 | 0 | 0.00 | 5.39 | 132 |
| 1070A | Beaucoup silty clay loam, undrained, 0 to 2 percent slopes, rarely flooded | 15.83 | 9.9% | | FAV | 176 | 58 | 69 | 90 | 0 | 0.00 | 5.39 | 132 |
| 7107A | Sawmill silty clay loam, 0 to 2 percent slopes, rarely flooded | 2.59 | 1.6% | | FAV | 189 | 60 | 71 | 98 | 0 | 0.00 | 5.77 | 139 |
| Weighted Average | | | | | | 167.7 | 55.2 | 65.3 | 83 | *- | 0.00 | 5.16 | 125.5 |

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

[https://www.ideals.illinois.edu/handle/2142/10277/](https://www.ideals.illinois.edu/handle/2142/10277)

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

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

^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".

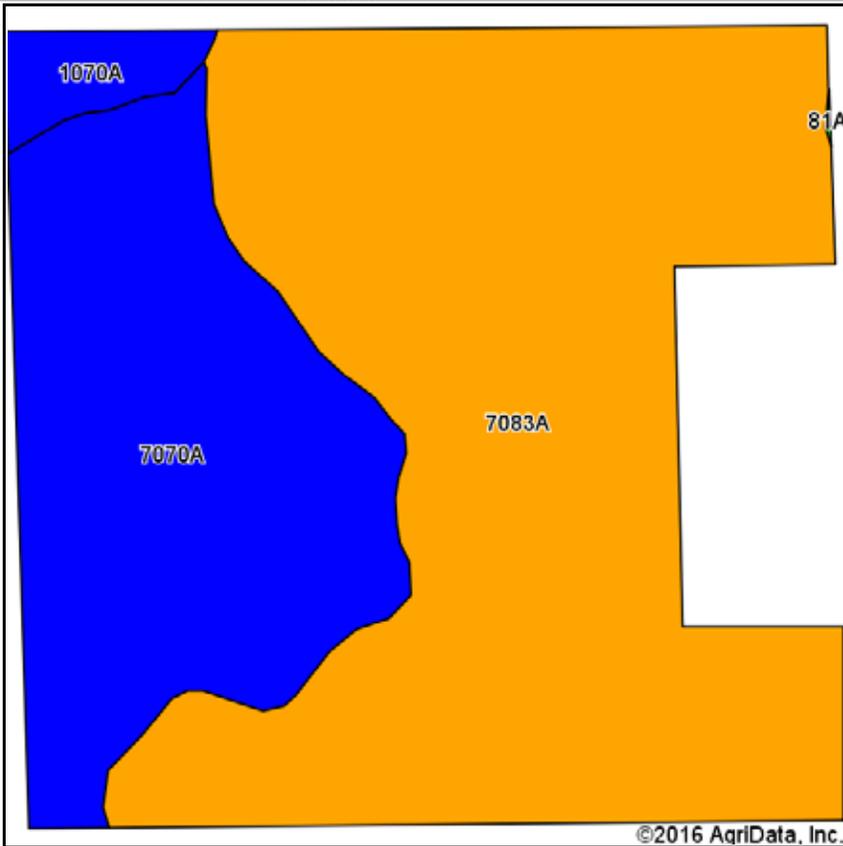
^e Soils in the well drained group were not rated for grass-legume and are shown with a zero "0".

*c: Using Capabilities Class Dominant Condition Aggregation Method

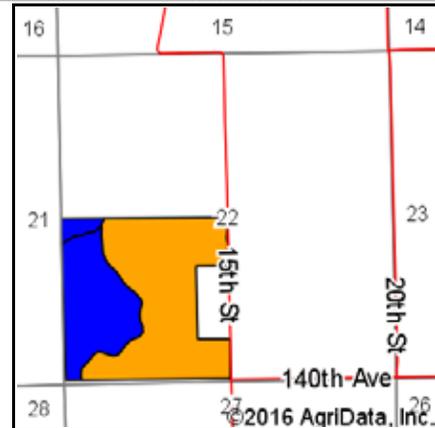
Table: Optimum Crop Productivity Ratings for Illinois Soil by K.R. Olson and J.M. Lang, Office of Research, ACES, University of Illinois at Champaign-Urbana. Version: 1/2/2012 Amended Table S2 B811

SOIL MAP

Mercer County, IL - TRACT 9



Soils data provided by USDA and NRCS.



State: **Illinois**
 County: **Mercer**
 Location: **22-15N-6W**
 Township: **Eliza**
 Acres: **145.82**
 Date: **11/11/2016**



Area Symbol: IL131, Soil Area Version: 11

| 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-legume ^e hay, T/A | Crop productivity index for optimum management |
|-------------------------|--|-------|------------------|-------------------------------------|------------------------------|--------------|---------------|-------------|------------------------|---------------------------|-------------------------------|------------------------------------|--|
| 7083A | Wabash silty clay, 0 to 2 percent slopes, rarely flooded | 94.71 | 64.9% | | FAV | 157 | 51 | 61 | 74 | 0 | 0.00 | 4.77 | 116 |
| 7070A | Beaucoup silty clay loam, 0 to 2 percent slopes, rarely flooded | 47.18 | 32.4% | | FAV | 176 | 58 | 69 | 90 | 0 | 0.00 | 5.39 | 132 |
| 1070A | Beaucoup silty clay loam, undrained, 0 to 2 percent slopes, rarely flooded | 3.93 | 2.7% | | FAV | 176 | 58 | 69 | 90 | 0 | 0.00 | 5.39 | 132 |
| Weighted Average | | | | | | 163.7 | 53.5 | 63.8 | 79.6 | *. | 0.00 | 4.99 | 121.6 |

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

^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".

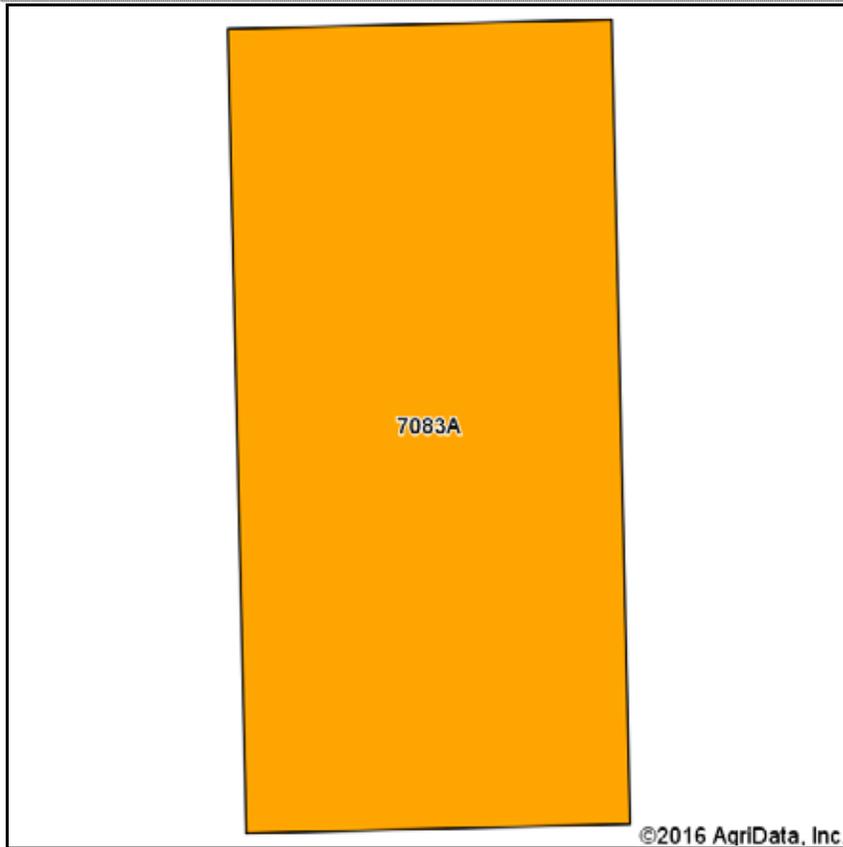
^e Soils in the well drained group were not rated for grass-legume and are shown with a zero "0".

*c: Using Capabilities Class Dominant Condition Aggregation Method

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

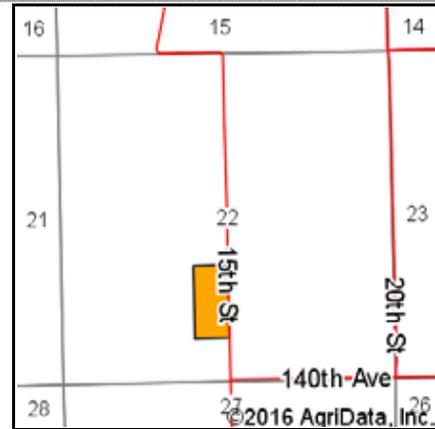
SOIL MAP

Mercer County, IL - TRACT 10



Soils data provided by USDA and NRCS.

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State: **Illinois**
 County: **Mercer**
 Location: **22-15N-6W**
 Township: **Eliza**
 Acres: **15.01**
 Date: **11/11/2016**



Area Symbol: IL131, Soil Area Version: 11

| 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-legume ^e hay, T/A | Crop productivity index for optimum management |
|-------------------------|--|-------|------------------|---|------------------------------|------------|---------------|------------|------------------------|---------------------------|-------------------------------|------------------------------------|--|
| 7083A | Wabash silty clay, 0 to 2 percent slopes, rarely flooded | 15.01 | 100.0% |  | FAV | 157 | 51 | 61 | 74 | 0 | 0.00 | 4.77 | 116 |
| Weighted Average | | | | | | 157 | 51 | 61 | 74 | *- | 0.00 | 4.77 | 116 |

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

^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".

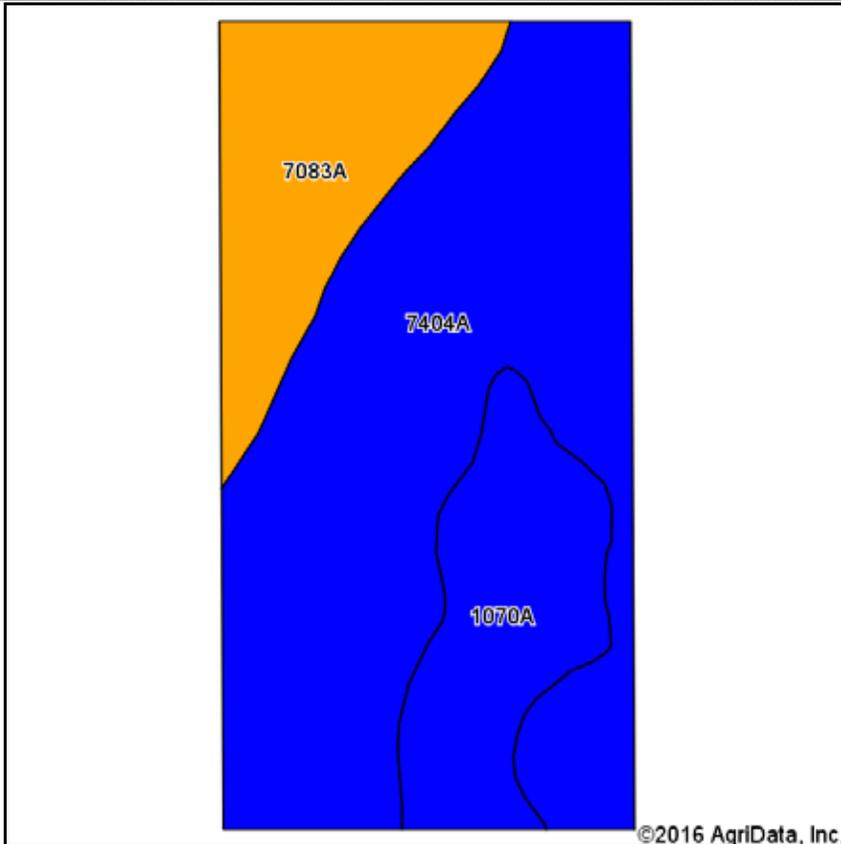
^e Soils in the well drained group were not rated for grass-legume and are shown with a zero "0".

*c: Using Capabilities Class Dominant Condition Aggregation Method

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

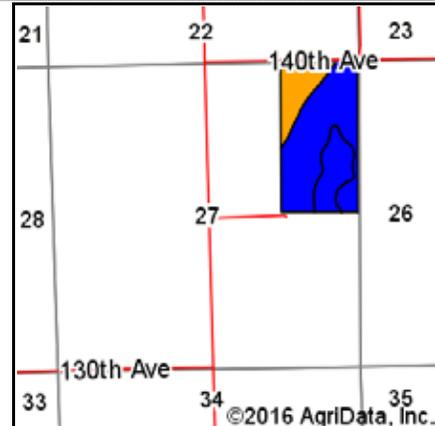
SOIL MAP

Mercer County, IL - TRACT 11



Soils data provided by USDA and NRCS.

©2016 AgriData, Inc.



State: **Illinois**
 County: **Mercer**
 Location: **27-15N-6W**
 Township: **Eliza**
 Acres: **80.06**
 Date: **11/11/2016**



Area Symbol: IL131, Soil Area Version: 11

| 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-legume ^e hay, T/A | Crop productivity index for optimum management |
|-------------------------|--|-------|------------------|-------------------------------------|------------------------------|------------|---------------|-------------|------------------------|---------------------------|-------------------------------|------------------------------------|--|
| 7404A | Titus silty clay loam, 0 to 2 percent slopes, rarely flooded | 50.03 | 62.5% | | FAV | 158 | 52 | 61 | 75 | 0 | 0.00 | 4.89 | 118 |
| 7083A | Wabash silty clay, 0 to 2 percent slopes, rarely flooded | 15.61 | 19.5% | | FAV | 157 | 51 | 61 | 74 | 0 | 0.00 | 4.77 | 116 |
| 1070A | Beaucoup silty clay loam, undrained, 0 to 2 percent slopes, rarely flooded | 14.42 | 18.0% | | FAV | 176 | 58 | 69 | 90 | 0 | 0.00 | 5.39 | 132 |
| Weighted Average | | | | | | 161 | 52.9 | 62.4 | 77.5 | *- | 0.00 | 4.96 | 120.1 |

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 81 Table S3. Soils data provided by USDA and NRCS. Soils data provided by University of Illinois at Champaign-Urbana.

^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".

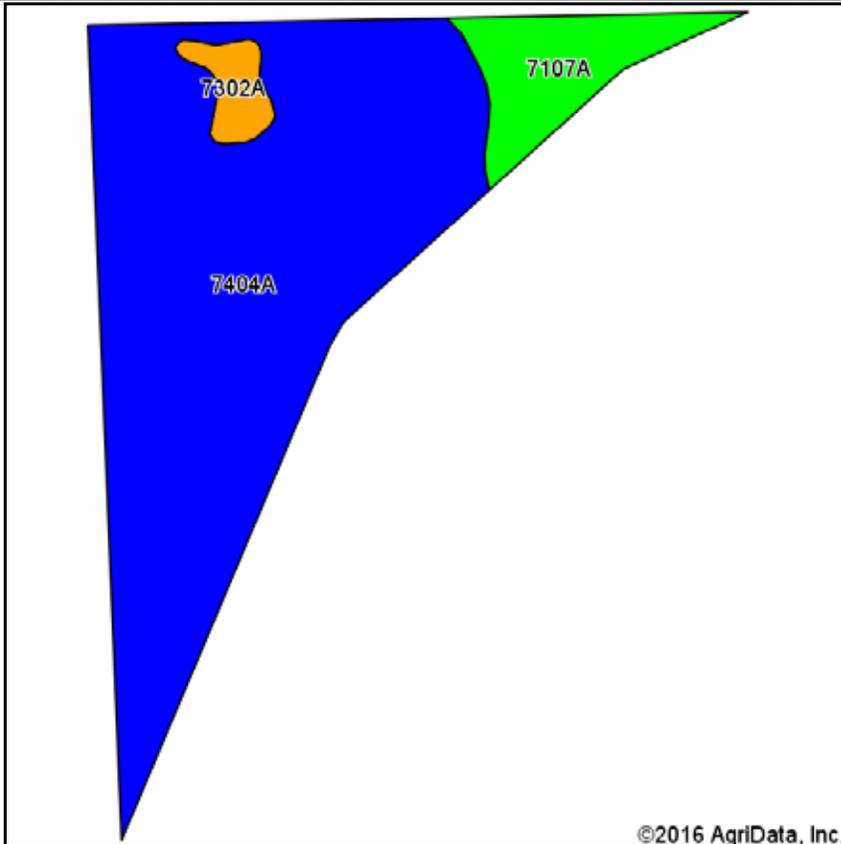
^e Soils in the well drained group were not rated for grass-legume and are shown with a zero "0".

*c: Using Capabilities Class Dominant Condition Aggregation Method

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

SOIL MAP

Mercer County, IL - TRACT 12



State: Illinois
 County: Mercer
 Location: 26-15N-6W
 Township: Eliza
 Acres: 118.09
 Date: 11/11/2016



Soils data provided by USDA and NRCS.

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Area Symbol: IL131, Soil Area Version: 11

| 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-legume ^e hay, T/A | Crop productivity index for optimum management |
|-------------------------|--|--------|------------------|-------------------------------------|------------------------------|--------------|---------------|-------------|------------------------|---------------------------|-------------------------------|------------------------------------|--|
| 7404A | Titus silty clay loam, 0 to 2 percent slopes, rarely flooded | 101.87 | 86.3% | | FAV | 158 | 52 | 61 | 75 | 0 | 0.00 | 4.89 | 118 |
| 7107A | Sawmill silty clay loam, 0 to 2 percent slopes, rarely flooded | 12.54 | 10.6% | | FAV | 189 | 60 | 71 | 98 | 0 | 0.00 | 5.77 | 139 |
| 7302A | Ambraw clay loam, 0 to 2 percent slopes, rarely flooded | 3.68 | 3.1% | | FAV | 154 | 50 | 61 | 75 | 0 | 0.00 | 5.02 | 114 |
| Weighted Average | | | | | | 161.2 | 52.8 | 62.1 | 77.4 | *- | 0.00 | 4.99 | 120.1 |

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 81 Table S3

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

^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".

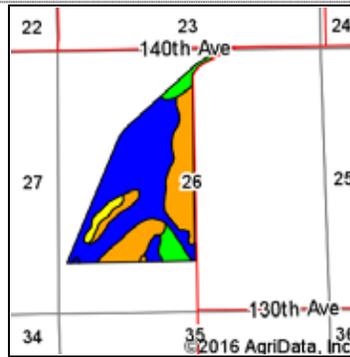
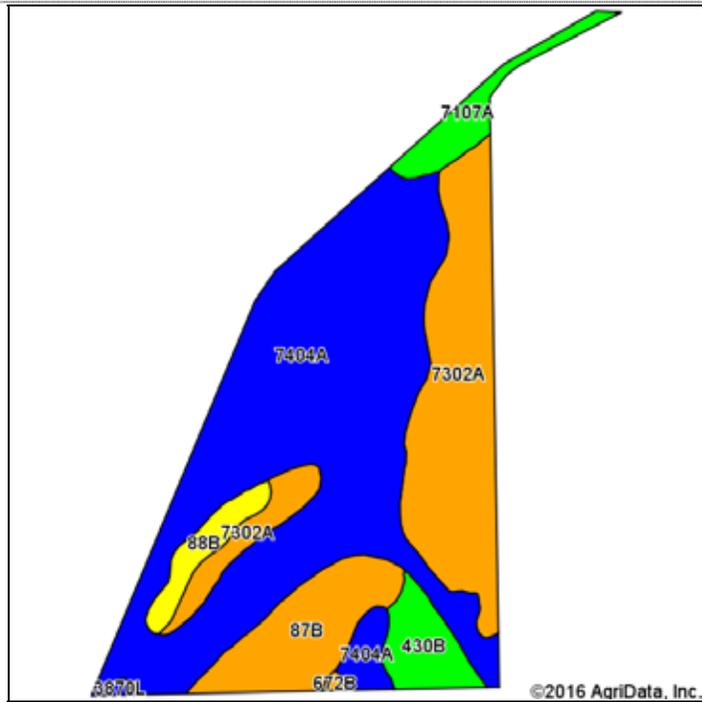
^e Soils in the well drained group were not rated for grass-legume and are shown with a zero "0".

*c: Using Capabilities Class Dominant Condition Aggregation Method

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

SOIL MAP

Mercer County, IL - TRACT 13



State: Illinois
 County: Mercer
 Location: 26-15N-6W
 Township: Eliza
 Acres: 143.14
 Date: 11/11/2016

SCHRADER
 Real Estate and Auction Company, Inc.

Maps Provided By:
surety
 CUSTOMIZED ONLINE MAPPING
 © AgriData, Inc. 2016 www.AgridataInc.com



Area Symbol: IL131, Soil Area Version: 11

| 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-legume ^e hay, T/A | Crop productivity index for optimum management |
|------------------|--|-------|------------------|-------------------------------------|------------------------------|-----------|---------------|------------|------------------------|---------------------------|-------------------------------|------------------------------------|--|
| 7404A | Titus silty clay loam, 0 to 2 percent slopes, rarely flooded | 79.31 | 55.4% | | FAV | 158 | 52 | 61 | 75 | 0 | 0.00 | 4.89 | 118 |
| 7302A | Ambraw clay loam, 0 to 2 percent slopes, rarely flooded | 34.12 | 23.8% | | FAV | 154 | 50 | 61 | 75 | 0 | 0.00 | 5.02 | 114 |
| **87B | Dickinson sandy loam, 2 to 5 percent slopes | 13.36 | 9.3% | | FAV | **141 | **46 | **55 | **73 | 0 | **3.36 | 0.00 | **103 |
| **430B | Raddle silt loam, 2 to 5 percent slopes | 6.26 | 4.4% | | FAV | **187 | **58 | **72 | **96 | 0 | **6.45 | 0.00 | **137 |
| 7107A | Sawmill silty clay loam, 0 to 2 percent slopes, rarely flooded | 5.32 | 3.7% | | FAV | 189 | 60 | 71 | 98 | 0 | 0.00 | 5.77 | 139 |
| **88B | Sparta loamy sand, 1 to 6 percent slopes | 4.22 | 2.9% | | FAV | **118 | **41 | **50 | **57 | 0 | 0.00 | **3.97 | **91 |
| **672B | Crescent loam, 2 to 5 percent slopes | 0.28 | 0.2% | | FAV | **156 | **50 | **63 | **82 | 0 | **4.59 | 0.00 | **116 |
| 3870L | Blake-Beaucoup complex, 0 to 2 percent slopes, frequently flooded, long duration | 0.27 | 0.2% | | FAV | 167 | 53 | 64 | 84 | 0 | 0.00 | 5.02 | 123 |
| Weighted Average | | | | | | 156.7 | 51.2 | 61 | 76.1 | 0* | 0.60 | 4.25 | 116.5 |

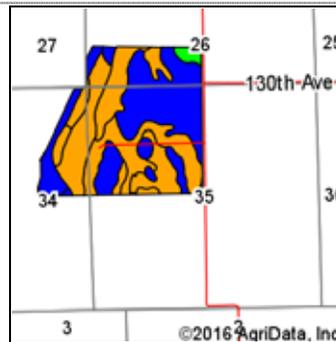
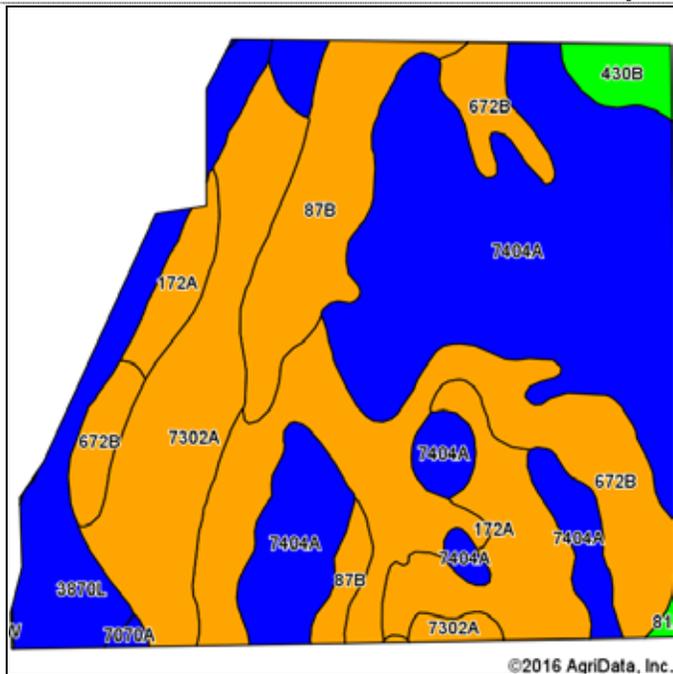
Table: Optimum Crop Productivity Ratings for Illinois Soil by K.R. Olson and J.M. Lang, Office of Research, ACES, University of Illinois at Champaign-Urbana. Version: 1/2/2012 Amended Table S2 B811

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

SOIL MAP

Mercer County, IL - TRACT 14



State: **Illinois**
 County: **Mercer**
 Location: **35-15N-6W**
 Township: **Eliza**
 Acres: **267.29**
 Date: **11/11/2016**



Soils data provided by USDA and NRCS.

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Area Symbol: IL131, Soil Area Version: 11

| 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-legume ^e hay, T/A | Crop productivity index for optimum management |
|--|--|-------|------------------|-------------------------------------|------------------------------|-----------|---------------|------------|------------------------|----------------|-------------------------------|------------------------------------|--|
| 7404A | Titus silty clay loam, 0 to 2 percent slopes, rarely flooded | 99.52 | 37.2% | Blue | FAV | 158 | 52 | 61 | 75 | 0 | 0.00 | 4.89 | 118 |
| **672B | Crescent loam, 2 to 5 percent slopes | 56.16 | 21.0% | Orange | FAV | **156 | **50 | **63 | **82 | 0 | **4.59 | 0.00 | **116 |
| 7302A | Ambraw clay loam, 0 to 2 percent slopes, rarely flooded | 35.90 | 13.4% | Orange | FAV | 154 | 50 | 61 | 75 | 0 | 0.00 | 5.02 | 114 |
| **87B | Dickinson sandy loam, 2 to 5 percent slopes | 25.39 | 9.5% | Orange | FAV | **141 | **46 | **55 | **73 | 0 | **3.36 | 0.00 | **103 |
| 172A | Hoopeston sandy loam, 0 to 2 percent slopes | 23.96 | 9.0% | Orange | FAV | 147 | 48 | 59 | 73 | 0 | 0.00 | 4.76 | 109 |
| 3870L | Blake-Beaucoup complex, 0 to 2 percent slopes, frequently flooded, long duration | 20.07 | 7.5% | Blue | FAV | 167 | 53 | 64 | 84 | 0 | 0.00 | 5.02 | 123 |
| **430B | Raddle silt loam, 2 to 5 percent slopes | 4.95 | 1.9% | Green | FAV | **187 | **58 | **72 | **96 | 0 | **6.45 | 0.00 | **137 |
| 81A | Littleton silt loam, 0 to 2 percent slopes | 0.64 | 0.2% | Green | FAV | 194 | 61 | 74 | 100 | 0 | 0.00 | 6.02 | 142 |
| 7070A | Beaucoup silty clay loam, 0 to 2 percent slopes, rarely flooded | 0.62 | 0.2% | Blue | FAV | 176 | 58 | 69 | 90 | 0 | 0.00 | 5.39 | 132 |
| W | Water | 0.08 | 0.0% | Light Green | | | | | | | | | |
| Table: Optimum Crop Productivity Ratings for Illinois Soil by K.R. Olson and J.M. Lang, Office of Research, AGES, University of Illinois at Champaign-Urbana. Version: 1/2/2012. Weighted Average | | | | | | 111 | 50.6 | 61.1 | 77.2 | * | 1.40 | 3.33 | 115.6 |

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/](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".

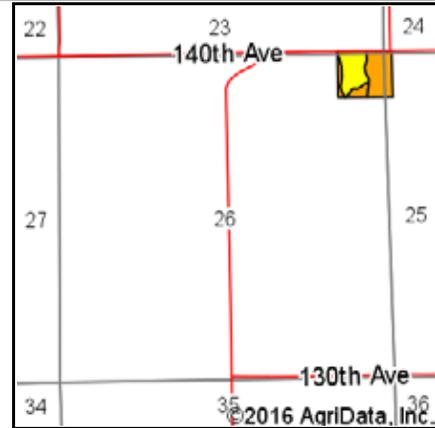
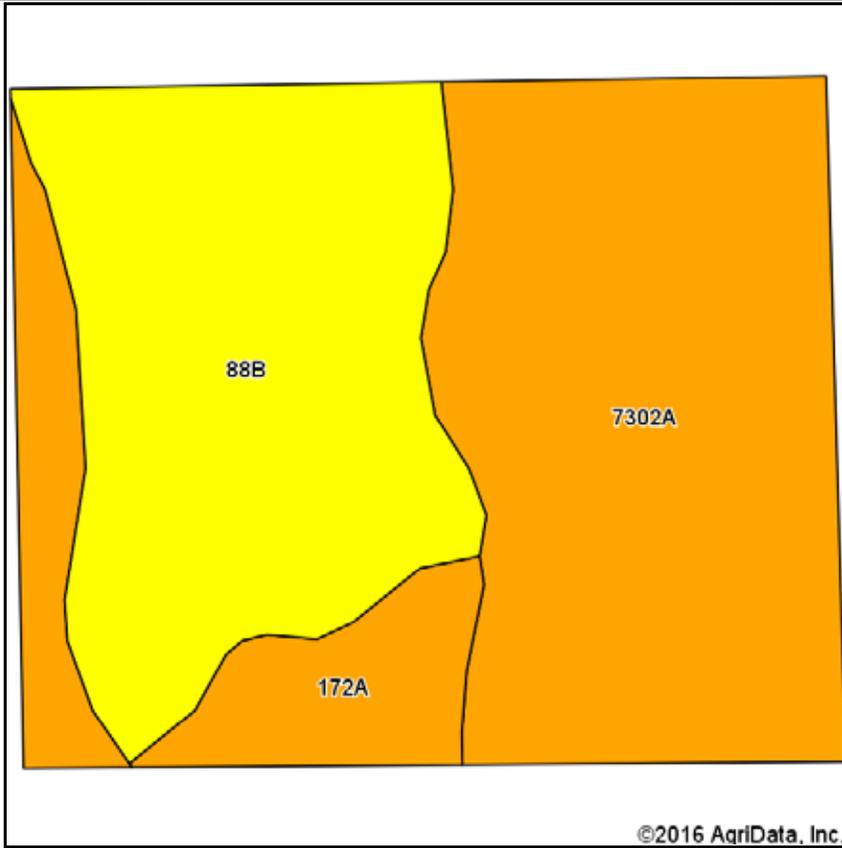
^d Soils in the poorly drained group were not rated for alfalfa and are shown with a zero "0".

^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

SOIL MAP

Mercer County, IL - TRACT 15



State: **Illinois**
 County: **Mercer**
 Location: **26-15N-6W**
 Township: **Eliza**
 Acres: **15.07**
 Date: **11/11/2016**



Area Symbol: IL131, Soil Area Version: 11

| 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-legume ^e hay, T/A | Crop productivity index for optimum management |
|-------------------------|---|-------|------------------|-------------------------------------|------------------------------|--------------|---------------|-------------|------------------------|---------------------------|-------------------------------|------------------------------------|--|
| 7302A | Ambraw clay loam, 0 to 2 percent slopes, rarely flooded | 7.99 | 53.0% | | FAV | 154 | 50 | 61 | 75 | 0 | 0.00 | 5.02 | 114 |
| **88B | Sparta loamy sand, 1 to 6 percent slopes | 5.93 | 39.3% | | FAV | **118 | **41 | **50 | **57 | 0 | 0.00 | **3.97 | **91 |
| 172A | Hoopeston sandy loam, 0 to 2 percent slopes | 1.15 | 7.6% | | FAV | 147 | 48 | 59 | 73 | 0 | 0.00 | 4.76 | 109 |
| Weighted Average | | | | | | 139.3 | 46.3 | 56.5 | 67.8 | *- | 0.00 | 4.59 | 104.6 |

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

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

^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".

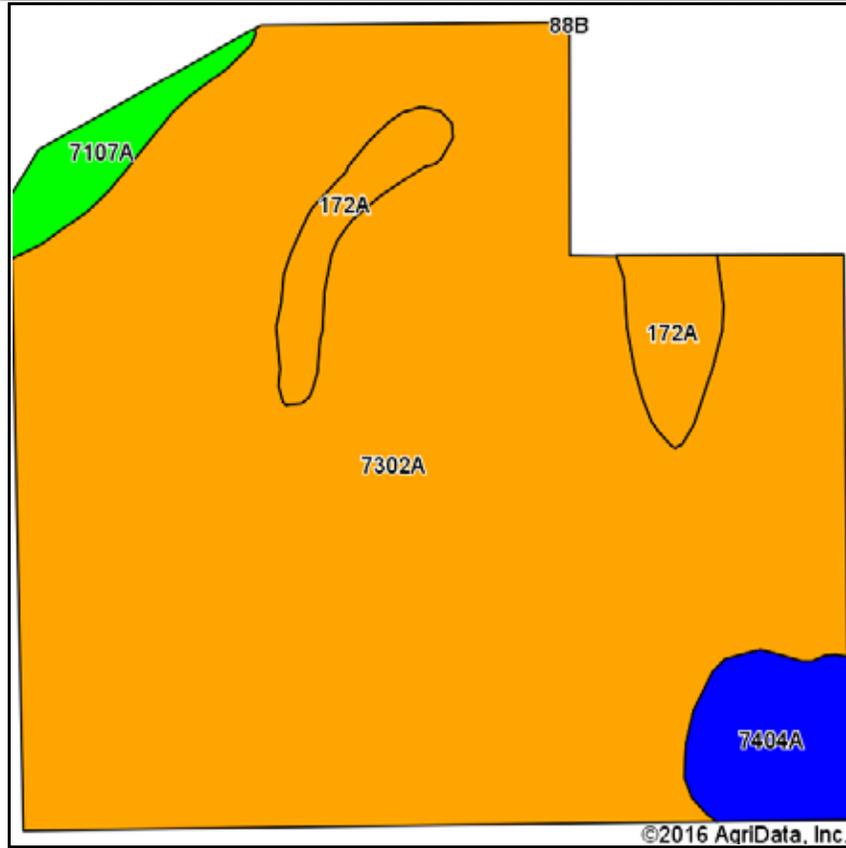
^e Soils in the well drained group were not rated for grass-legume and are shown with a zero "0".

*c: Using Capabilities Class Dominant Condition Aggregation Method

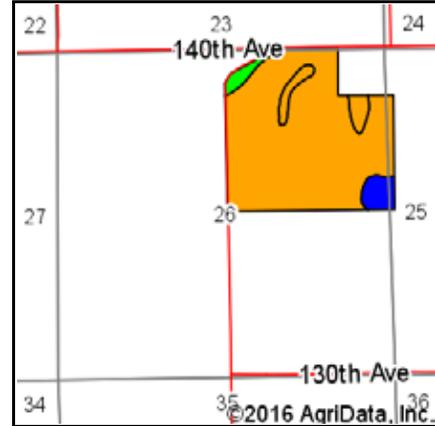
Table: Optimum Crop Productivity Ratings for Illinois Soil by K.R. Olson and J.M. Lang, Office of Research, ACES, University of Illinois at Champaign-Urbana. Version: 1/2/2012 Amended Table S2 B811

SOIL MAP

Mercer County, IL - TRACT 16



Soils data provided by USDA and NRCS.



State: **Illinois**
 County: **Mercer**
 Location: **26-15N-6W**
 Township: **Eliza**
 Acres: **143.37**
 Date: **11/11/2016**



Area Symbol: IL131, Soil Area Version: 11

| 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-legume ^e hay, T/A | Crop productivity index for optimum management |
|-------------------------|--|--------|------------------|-------------------------------------|------------------------------|--------------|---------------|-------------|------------------------|---------------------------|-------------------------------|------------------------------------|--|
| 7302A | Ambraw clay loam, 0 to 2 percent slopes, rarely flooded | 126.44 | 88.2% | | FAV | 154 | 50 | 61 | 75 | 0 | 0.00 | 5.02 | 114 |
| 172A | Hoopeston sandy loam, 0 to 2 percent slopes | 7.19 | 5.0% | | FAV | 147 | 48 | 59 | 73 | 0 | 0.00 | 4.76 | 109 |
| 7404A | Titus silty clay loam, 0 to 2 percent slopes, rarely flooded | 6.20 | 4.3% | | FAV | 158 | 52 | 61 | 75 | 0 | 0.00 | 4.89 | 118 |
| 7107A | Sawmill silty clay loam, 0 to 2 percent slopes, rarely flooded | 3.54 | 2.5% | | FAV | 189 | 60 | 71 | 98 | 0 | 0.00 | 5.77 | 139 |
| Weighted Average | | | | | | 154.7 | 50.2 | 61.1 | 75.5 | *- | 0.00 | 5.02 | 114.5 |

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

<https://www.ideals.illinois.edu/handle/2142/10271>

** Indexes adjusted for slope and erosion according to Bulletin S-101, provided by University of Illinois at Champaign-Urbana.

^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".

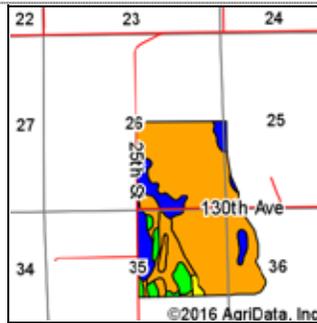
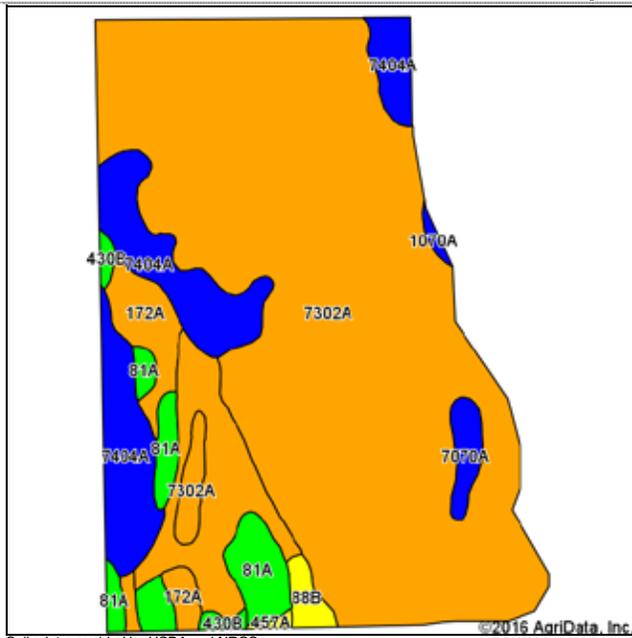
^e Soils in the well drained group were not rated for grass-legume and are shown with a zero "0".

*c: Using Capabilities Class Dominant Condition Aggregation Method

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

SOIL MAP

Mercer County, IL - TRACT 17



State: **Illinois**
 County: **Mercer**
 Location: **35-15N-6W**
 Township: **Eliza**
 Acres: **380.35**
 Date: **11/11/2016**

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Soils data provided by USDA and NRCS.

Area Symbol: IL131, Soil Area Version: 11

| 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-legume e hay, T/A | Crop productivity index for optimum management |
|--|--|--------|------------------|-------------------------------------|------------------------------|-----------|---------------|------------|------------------------|----------------|--------------------|-------------------------|--|
| 7302A | Ambraw clay loam, 0 to 2 percent slopes, rarely flooded | 263.26 | 69.2% | | FAV | 154 | 50 | 61 | 75 | 0 | 0.00 | 5.02 | 114 |
| 7404A | Titus silty clay loam, 0 to 2 percent slopes, rarely flooded | 45.10 | 11.9% | | FAV | 158 | 52 | 61 | 75 | 0 | 0.00 | 4.89 | 118 |
| **87B | Dickinson sandy loam, 2 to 5 percent slopes | 26.86 | 7.1% | | FAV | **141 | **46 | **55 | **73 | 0 | **3.36 | 0.00 | **103 |
| 81A | Littleton silt loam, 0 to 2 percent slopes | 18.22 | 4.8% | | FAV | 194 | 61 | 74 | 100 | 0 | 0.00 | 6.02 | 142 |
| 172A | Hoopeston sandy loam, 0 to 2 percent slopes | 14.58 | 3.8% | | FAV | 147 | 48 | 59 | 73 | 0 | 0.00 | 4.76 | 109 |
| 7070A | Beaucoup silty clay loam, 0 to 2 percent slopes, rarely flooded | 4.82 | 1.3% | | FAV | 176 | 58 | 69 | 90 | 0 | 0.00 | 5.39 | 132 |
| **88B | Sparta loamy sand, 1 to 6 percent slopes | 3.65 | 1.0% | | FAV | **118 | **41 | **50 | **57 | 0 | 0.00 | **3.97 | **91 |
| **430B | Raddle silt loam, 2 to 5 percent slopes | 2.26 | 0.6% | | FAV | **187 | **58 | **72 | **96 | 0 | **6.45 | 0.00 | **137 |
| 1070A | Beaucoup silty clay loam, undrained, 0 to 2 percent slopes, rarely flooded | 0.90 | 0.2% | | FAV | 176 | 58 | 69 | 90 | 0 | 0.00 | 5.39 | 132 |
| 457A | Booker silty clay, 0 to 2 percent slopes | 0.70 | 0.2% | | FAV | 116 | 41 | 44 | 48 | 0 | 0.00 | 3.89 | 89 |
| 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. Weighted Average | | | | | | 55.3 | 50.5 | 61.2 | 76.1 | 0 | 0.28 | 4.65 | 115 |

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".

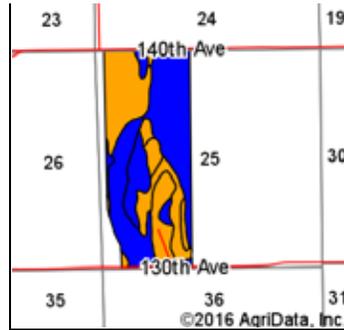
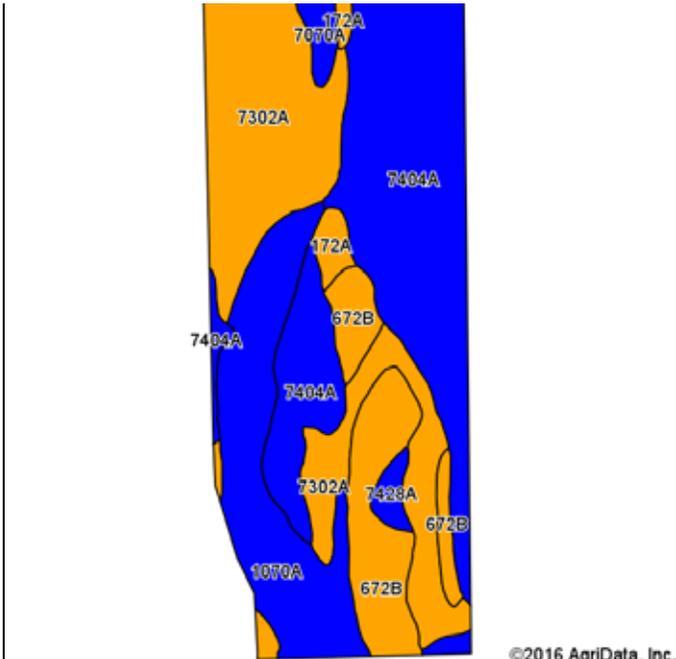
^d Soils in the poorly drained group were not rated for alfalfa and are shown with a zero "0".

^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

SOIL MAP

Mercer County, IL - TRACT 18



State: **Illinois**
 County: **Mercer**
 Location: **25-15N-6W**
 Township: **Eliza**
 Acres: **238.19**
 Date: **11/11/2016**

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 Real Estate and Auction Company, Inc.

Maps Provided by:
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 CUSTOMER SERVICE ONLINE 24/7
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Area Symbol: IL131, Soil Area Version: 11

| 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-legume ^e hay, T/A | Crop productivity index for optimum management |
|-------------------------|--|-------|------------------|-------------------------------------|------------------------------|--------------|---------------|-------------|------------------------|---------------------------|-------------------------------|------------------------------------|--|
| 7404A | Titus silty clay loam, 0 to 2 percent slopes, rarely flooded | 87.66 | 36.8% | ■ | FAV | 158 | 52 | 61 | 75 | 0 | 0.00 | 4.89 | 118 |
| 7302A | Ambraw clay loam, 0 to 2 percent slopes, rarely flooded | 68.53 | 28.8% | ■ | FAV | 154 | 50 | 61 | 75 | 0 | 0.00 | 5.02 | 114 |
| 1070A | Beaucoup silty clay loam, undrained, 0 to 2 percent slopes, rarely flooded | 42.21 | 17.7% | ■ | FAV | 176 | 58 | 69 | 90 | 0 | 0.00 | 5.39 | 132 |
| **672B | Cresnet loam, 2 to 5 percent slopes | 29.34 | 12.3% | ■ | FAV | **156 | **50 | **63 | **82 | 0 | **4.59 | 0.00 | **116 |
| 172A | Hoopeston sandy loam, 0 to 2 percent slopes | 4.19 | 1.8% | ■ | FAV | 147 | 48 | 59 | 73 | 0 | 0.00 | 4.76 | 109 |
| 7070A | Beaucoup silty clay loam, 0 to 2 percent slopes, rarely flooded | 3.42 | 1.4% | ■ | FAV | 176 | 58 | 69 | 90 | 0 | 0.00 | 5.39 | 132 |
| 7428A | Coffeen silt loam, 0 to 2 percent slopes, rarely flooded | 2.84 | 1.2% | ■ | FAV | 181 | 57 | 68 | 90 | 0 | 0.00 | 5.39 | 132 |
| Weighted Average | | | | | | 160.1 | 52.3 | 62.8 | 78.9 | *- | 0.57 | 4.42 | 119.3 |

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.ideais.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".

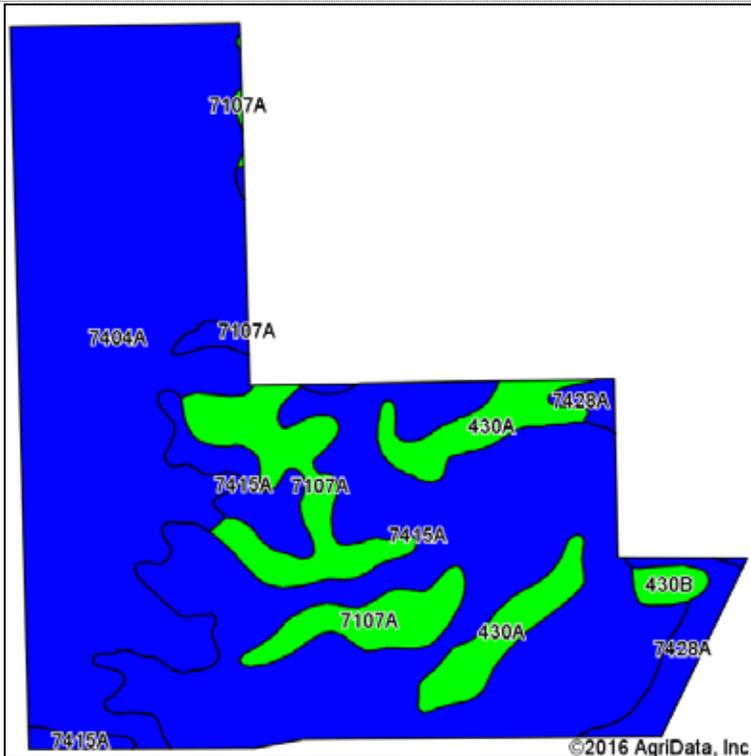
^d Soils in the poorly drained group were not rated for alfalfa and are shown with a zero "0".

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

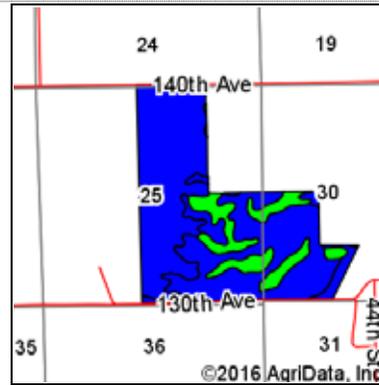
*c: Using Capabilities Class Dominant Condition Aggregation Method

SOIL MAP

Mercer County, IL - TRACT 19



Soils data provided by USDA and NRCS.



State: **Illinois**
 County: **Mercer**
 Location: **25-15N-6W**
 Township: **Eliza**
 Acres: **374.76**
 Date: **11/11/2016**

SCHRADER
 Real Estate and Auction Company, Inc.

Maps Provided By: **surety**
 CUSTOMER ONLINE MAPPING
 © AgriData, Inc. 2015 www.AgrDataInc.com



Area Symbol: IL131, Soil Area Version: 11

| 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-legume ^e hay, T/A | Crop productivity index for optimum management |
|-------------------------|--|--------|------------------|-------------------------------------|------------------------------|--------------|---------------|-------------|------------------------|---------------------------|-------------------------------|------------------------------------|--|
| 7404A | Titus silty clay loam, 0 to 2 percent slopes, rarely flooded | 160.62 | 42.9% | ■ | FAV | 158 | 52 | 61 | 75 | 0 | 0.00 | 4.89 | 118 |
| 7415A | Orion silt loam, 0 to 2 percent slopes, rarely flooded | 144.56 | 38.6% | ■ | FAV | 180 | 57 | 66 | 89 | 0 | 0.00 | 5.02 | 131 |
| 7107A | Sawmill silty clay loam, 0 to 2 percent slopes, rarely flooded | 31.91 | 8.5% | ■ | FAV | 189 | 60 | 71 | 98 | 0 | 0.00 | 5.77 | 139 |
| 430A | Raddle silt loam, 0 to 2 percent slopes | 20.38 | 5.4% | ■ | FAV | 189 | 59 | 73 | 97 | 0 | 6.52 | 0.00 | 138 |
| 7428A | Coffeen silt loam, 0 to 2 percent slopes, rarely flooded | 14.22 | 3.8% | ■ | FAV | 181 | 57 | 68 | 90 | 0 | 0.00 | 5.39 | 132 |
| **430B | Raddle silt loam, 2 to 5 percent slopes | 3.07 | 0.8% | ■ | FAV | **187 | **58 | **72 | **96 | 0 | **6.45 | 0.00 | **137 |
| Weighted Average | | | | | | 171.9 | 55.2 | 64.8 | 84.3 | *- | 0.41 | 4.73 | 126.6 |

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

^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".

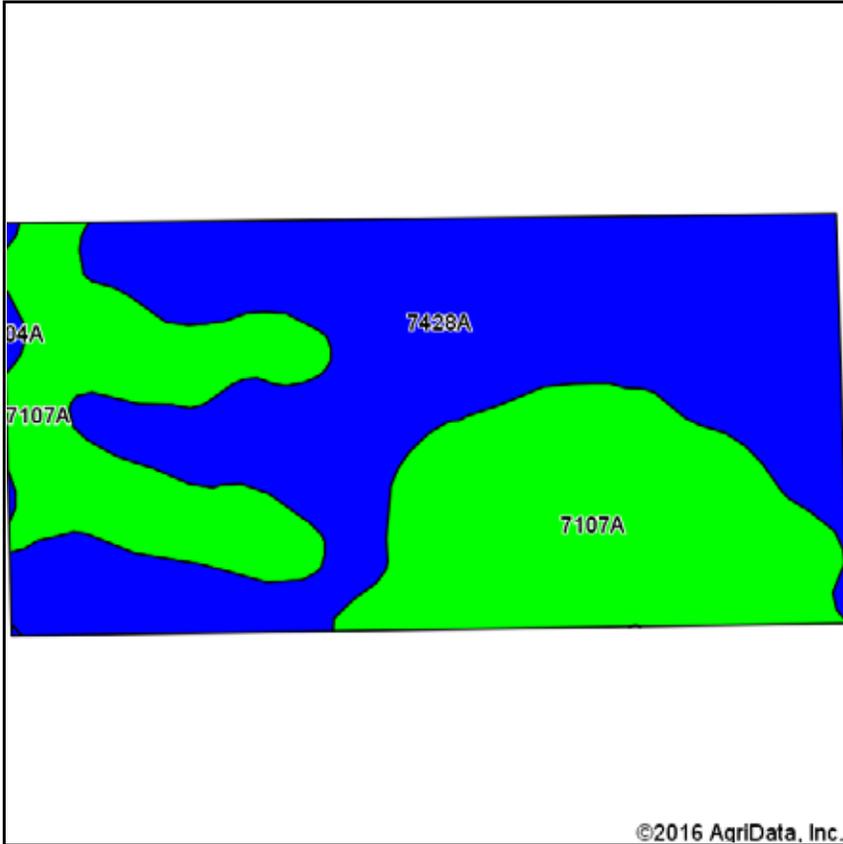
^d Soils in the poorly drained group were not rated for alfalfa and are shown with a zero "0".

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

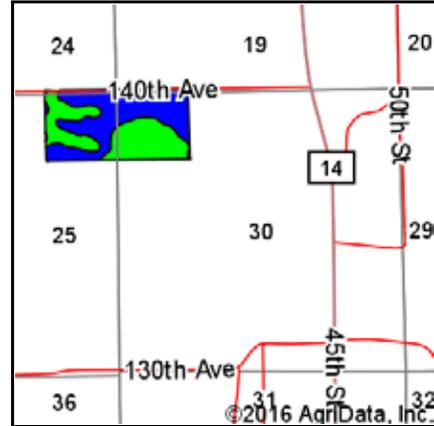
*c: Using Capabilities Class Dominant Condition Aggregation Method

SOIL MAP

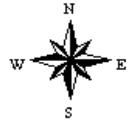
Mercer County, IL - TRACT 20



Soils data provided by USDA and NRCS.



State: **Illinois**
 County: **Mercer**
 Location: **30-15N-5W**
 Township: **Eliza**
 Acres: **80.67**
 Date: **11/11/2016**



Area Symbol: IL131, Soil Area Version: 11

| 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-legume ^e hay, T/A | Crop productivity index for optimum management |
|-------------------------|--|-------|------------------|-------------------------------------|------------------------------|--------------|---------------|-------------|------------------------|---------------------------|-------------------------------|------------------------------------|--|
| 7428A | Coffeen silt loam, 0 to 2 percent slopes, rarely flooded | 44.20 | 54.8% | | FAV | 181 | 57 | 68 | 90 | 0 | 0.00 | 5.39 | 132 |
| 7107A | Sawmill silty clay loam, 0 to 2 percent slopes, rarely flooded | 36.07 | 44.7% | | FAV | 189 | 60 | 71 | 98 | 0 | 0.00 | 5.77 | 139 |
| 7404A | Titus silty clay loam, 0 to 2 percent slopes, rarely flooded | 0.40 | 0.5% | | FAV | 158 | 52 | 61 | 75 | 0 | 0.00 | 4.89 | 118 |
| Weighted Average | | | | | | 184.5 | 58.3 | 69.3 | 93.5 | *. | 0.00 | 5.56 | 135.1 |

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

<https://www.ideals.illinois.edu/handle/2142/10271>

** Indexes adjusted for slope and erosion according to Bulletin S1 Table S3. Soils data provided by USDA and NRCS. Soils data provided by University of Illinois at Champaign-Urbana.

^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".

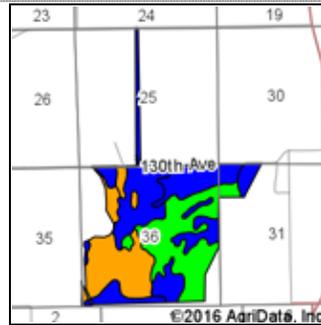
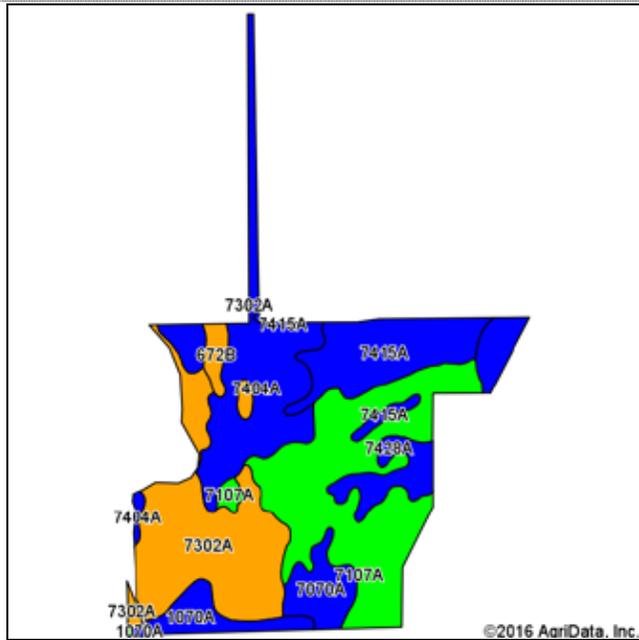
^e Soils in the well drained group were not rated for grass-legume and are shown with a zero "0".

*c: Using Capabilities Class Dominant Condition Aggregation Method

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

SOIL MAP

Mercer County, IL - TRACT 21



State: Illinois
 County: Mercer
 Location: 36-15N-6W
 Township: Eliza
 Acres: 596.57
 Date: 11/11/2016



Soils data provided by USDA and NRCS.

Area Symbol: IL131, Soil Area Version: 11

| Code | Soil Description | Acres | Percent of field | Ill. 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-legume e hay, T/A | Crop productivity index for optimum management |
|--------|--|--------|------------------|--------------------------------------|-------------------|-----------|---------------|------------|-------------|----------------|--------------------|-------------------------|--|
| 7107A | Sawmill silty clay loam, 0 to 2 percent slopes, rarely flooded | 171.60 | 28.8% | | FAV | 189 | 60 | 71 | 98 | 0 | 0.00 | 5.77 | 139 |
| 7302A | Ambraw clay loam, 0 to 2 percent slopes, rarely flooded | 130.31 | 21.8% | | FAV | 154 | 50 | 61 | 75 | 0 | 0.00 | 5.02 | 114 |
| 7404A | Titus silty clay loam, 0 to 2 percent slopes, rarely flooded | 104.64 | 17.5% | | FAV | 158 | 52 | 61 | 75 | 0 | 0.00 | 4.89 | 118 |
| 7415A | Orion silt loam, 0 to 2 percent slopes, rarely flooded | 73.51 | 12.3% | | FAV | 180 | 57 | 66 | 89 | 0 | 0.00 | 5.02 | 131 |
| 7428A | Coffeen silt loam, 0 to 2 percent slopes, rarely flooded | 41.65 | 7.0% | | FAV | 181 | 57 | 68 | 90 | 0 | 0.00 | 5.39 | 132 |
| 1070A | Beaucoup silty clay loam, undrained, 0 to 2 percent slopes, rarely flooded | 34.37 | 5.8% | | FAV | 176 | 58 | 69 | 90 | 0 | 0.00 | 5.39 | 132 |
| 7070A | Beaucoup silty clay loam, 0 to 2 percent slopes, rarely flooded | 28.14 | 4.7% | | FAV | 176 | 58 | 69 | 90 | 0 | 0.00 | 5.39 | 132 |
| **672B | Crescent loam, 2 to 5 percent slopes | 12.04 | 2.0% | | FAV | **156 | **50 | **63 | **82 | 0 | **4.59 | 0.00 | **116 |
| 81A | Littleton silt loam, 0 to 2 percent slopes | 0.31 | 0.1% | | FAV | 194 | 61 | 74 | 100 | 0 | 0.00 | 6.02 | 142 |

Table: Optimum Crop Productivity Ratings for Illinois Soil by K.B. Olson and J.M. Leger, 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".

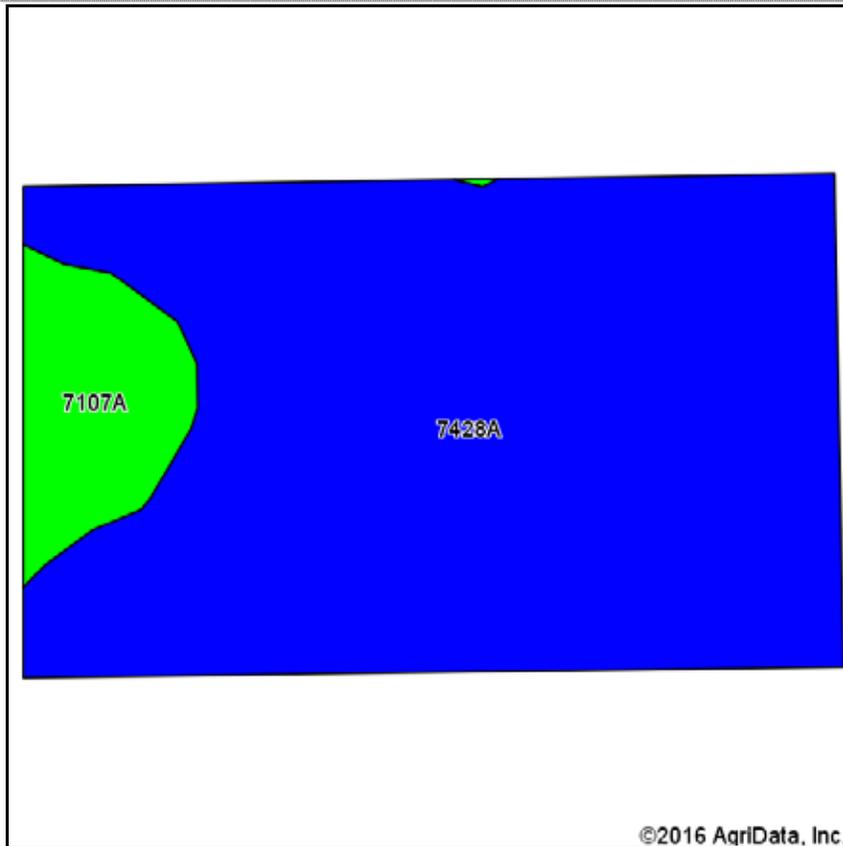
d Soils in the poorly drained group were not rated for alfalfa and are shown with a zero "0".

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

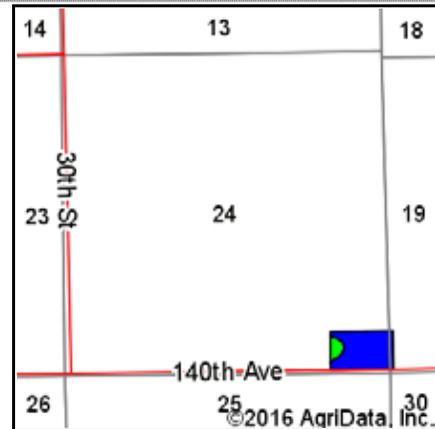
*c: Using Capabilities Class Dominant Condition Aggregation Method

SOIL MAP

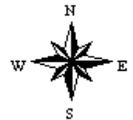
Mercer County, IL - TRACT 22



Soils data provided by USDA and NRCS.



State: **Illinois**
 County: **Mercer**
 Location: **24-15N-6W**
 Township: **Eliza**
 Acres: **15.14**
 Date: **11/11/2016**



Area Symbol: IL131, Soil Area Version: 11

| 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-legume ^e hay, T/A | Crop productivity index for optimum management |
|-------------------------|--|-------|------------------|-------------------------------------|------------------------------|--------------|---------------|-------------|------------------------|---------------------------|-------------------------------|------------------------------------|--|
| 7428A | Coffeen silt loam, 0 to 2 percent slopes, rarely flooded | 13.61 | 89.9% | | FAV | 181 | 57 | 68 | 90 | 0 | 0.00 | 5.39 | 132 |
| 7107A | Sawmill silty clay loam, 0 to 2 percent slopes, rarely flooded | 1.53 | 10.1% | | FAV | 189 | 60 | 71 | 98 | 0 | 0.00 | 5.77 | 139 |
| Weighted Average | | | | | | 181.8 | 57.3 | 68.3 | 90.8 | *- | 0.00 | 5.43 | 132.7 |

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

^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".

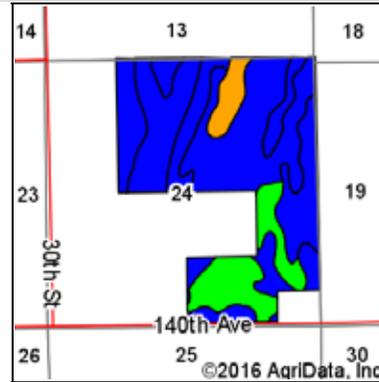
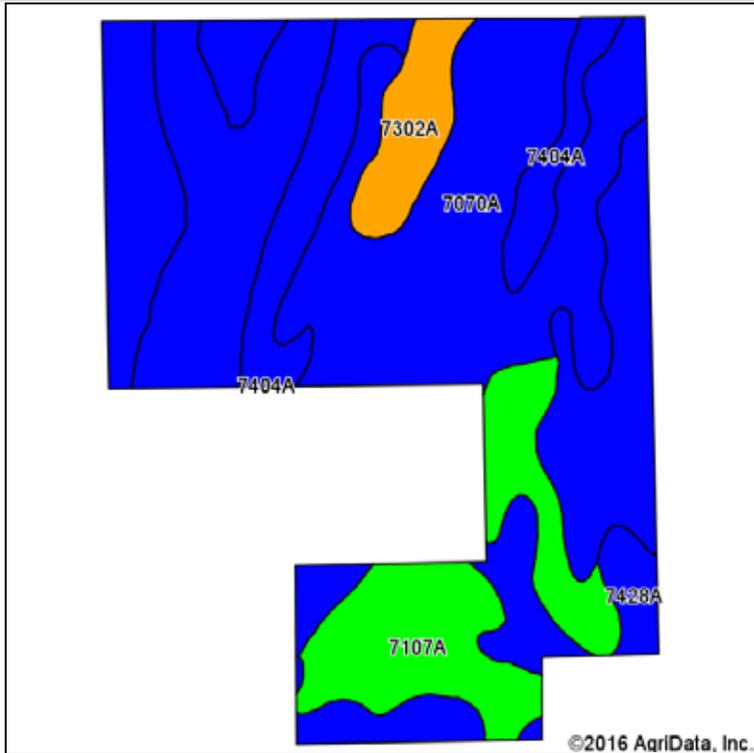
^d Soils in the poorly drained group were not rated for alfalfa and are shown with a zero "0".

^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

SOIL MAP

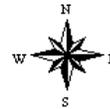
Mercer County, IL - TRACT 23



State: Illinois
 County: Mercer
 Location: 24-15N-6W
 Township: Eliza
 Acres: 345.18
 Date: 11/11/2016

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Maps Provided By:
surety
 CUSTOMER ONLINE MAPPING
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Area Symbol: IL131, Soil Area Version: 11

| 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-legume ^e hay, T/A | Crop productivity index for optimum management |
|-------------------------|---|--------|------------------|-------------------------------------|------------------------------|--------------|---------------|-------------|------------------------|---------------------------|-------------------------------|------------------------------------|--|
| 7070A | Beaucoup silty clay loam, 0 to 2 percent slopes, rarely flooded | 150.89 | 43.7% | ■ | FAV | 176 | 58 | 69 | 90 | 0 | 0.00 | 5.39 | 132 |
| 7404A | Titus silty clay loam, 0 to 2 percent slopes, rarely flooded | 107.32 | 31.1% | ■ | FAV | 158 | 52 | 61 | 75 | 0 | 0.00 | 4.89 | 118 |
| 7107A | Sawmill silty clay loam, 0 to 2 percent slopes, rarely flooded | 53.11 | 15.4% | ■ | FAV | 189 | 60 | 71 | 98 | 0 | 0.00 | 5.77 | 139 |
| 7428A | Coffeen silt loam, 0 to 2 percent slopes, rarely flooded | 17.70 | 5.1% | ■ | FAV | 181 | 57 | 68 | 90 | 0 | 0.00 | 5.39 | 132 |
| 7302A | Ambraw clay loam, 0 to 2 percent slopes, rarely flooded | 16.16 | 4.7% | ■ | FAV | 154 | 50 | 61 | 75 | 0 | 0.00 | 5.02 | 114 |
| Weighted Average | | | | | | 171.6 | 56 | 66.4 | 85.9 | *- | 0.00 | 5.28 | 127.9 |

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 S-11 Table S3. Soils data provided by University of Illinois at Champaign-Urbana.

^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".

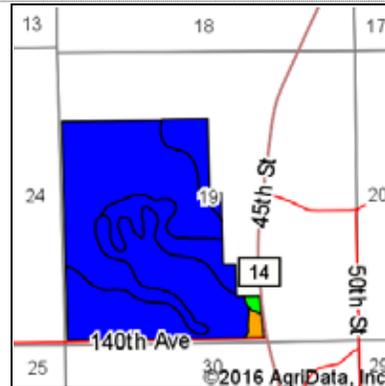
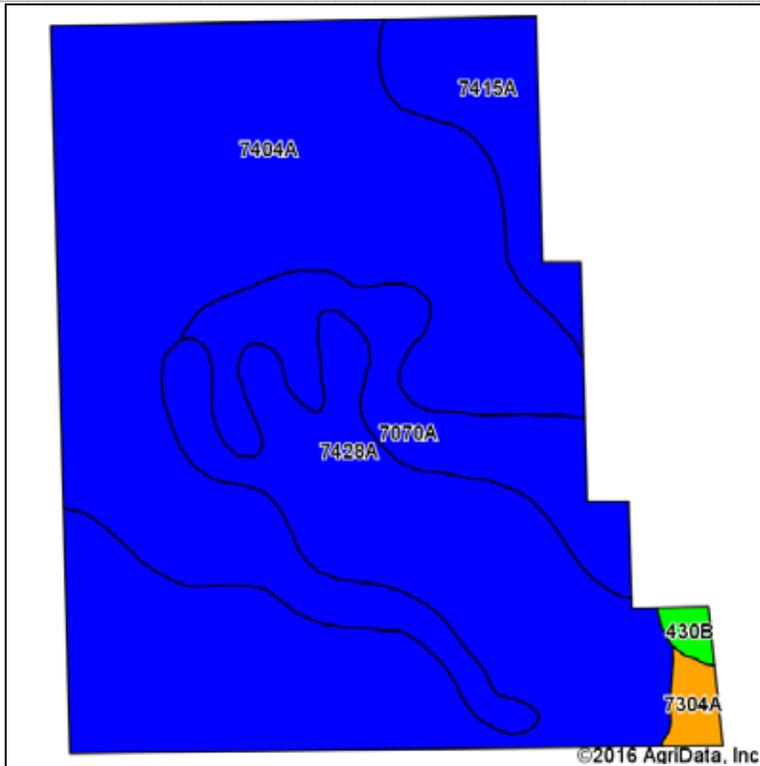
^d Soils in the poorly drained group were not rated for alfalfa and are shown with a zero "0".

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

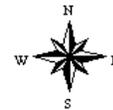
*c: Using Capabilities Class Dominant Condition Aggregation Method

SOIL MAP

Mercer County, IL - TRACT 24



State: **Illinois**
 County: **Mercer**
 Location: **19-15N-5W**
 Township: **Eliza**
 Acres: **261.18**
 Date: **11/11/2016**



Soils data provided by USDA and NRCS.

Area Symbol: IL131, Soil Area Version: 11

| 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-legume ^e hay, T/A | Crop productivity index for optimum management |
|-------------------------|---|--------|------------------|-------------------------------------|------------------------------|--------------|---------------|-------------|------------------------|---------------------------|-------------------------------|------------------------------------|--|
| 7404A | Titus silty clay loam, 0 to 2 percent slopes, rarely flooded | 117.77 | 45.1% | | FAV | 158 | 52 | 61 | 75 | 0 | 0.00 | 4.89 | 118 |
| 7428A | Coffeen silt loam, 0 to 2 percent slopes, rarely flooded | 94.37 | 36.1% | | FAV | 181 | 57 | 68 | 90 | 0 | 0.00 | 5.39 | 132 |
| 7070A | Beaucoup silty clay loam, 0 to 2 percent slopes, rarely flooded | 27.74 | 10.6% | | FAV | 176 | 58 | 69 | 90 | 0 | 0.00 | 5.39 | 132 |
| 7415A | Orion silt loam, 0 to 2 percent slopes, rarely flooded | 16.95 | 6.5% | | FAV | 180 | 57 | 66 | 89 | 0 | 0.00 | 5.02 | 131 |
| 7304A | Landes fine sandy loam, 0 to 2 percent slopes, rarely flooded | 2.80 | 1.1% | | FAV | 135 | 45 | 55 | 61 | 0 | 3.39 | 0.00 | 100 |
| **430B | Raddle silt loam, 2 to 5 percent slopes | 1.55 | 0.6% | | FAV | **187 | **58 | **72 | **96 | 0 | **6.45 | 0.00 | **137 |
| Weighted Average | | | | | | 169.6 | 54.7 | 64.7 | 82.9 | *- | 0.07 | 5.05 | 125.3 |

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/2142/10271>

** Indexes adjusted for slope and erosion according to Bulletin S-1 Table S3 provided by University of Illinois at Champaign-Urbana.

^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".

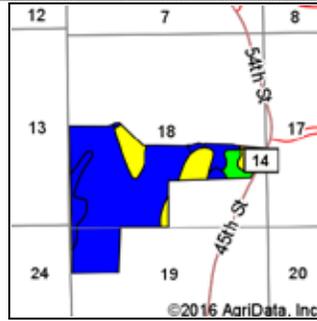
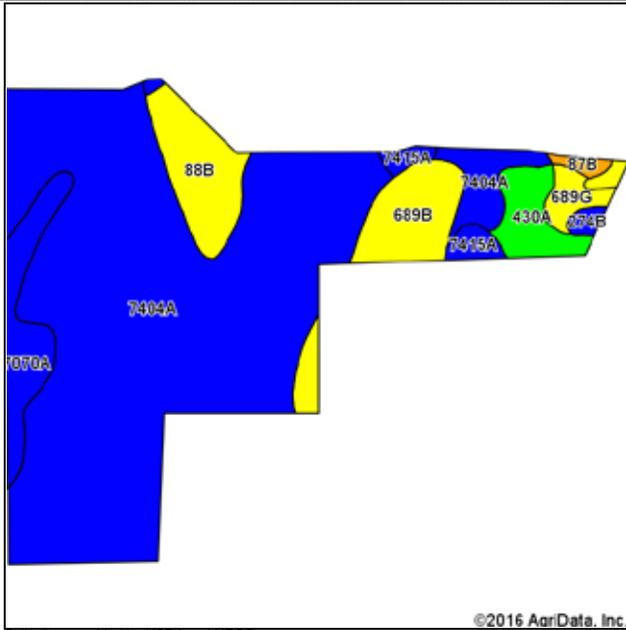
^d Soils in the poorly drained group were not rated for alfalfa and are shown with a zero "0".

^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

SOIL MAP

Mercer County, IL - TRACT 25



State: Illinois
 County: Mercer
 Location: 18-15N-5W
 Township: Eliza
 Acres: 238
 Date: 11/11/2016



Soils data provided by USDA and NRCS.

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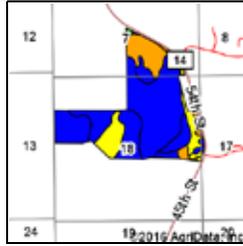
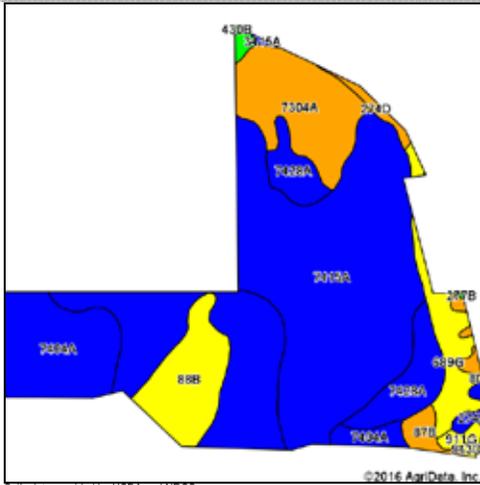
Area Symbol: IL131, Soil Area Version: 11

| 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-legume ^e hay, T/A | Crop productivity index for optimum management |
|---|---|--------|------------------|-------------------------------------|------------------------------|---|---------------|------------|------------------------|---------------------------|-------------------------------|------------------------------------|--|
| 7404A | Titus silty clay loam, 0 to 2 percent slopes, rarely flooded | 173.28 | 72.8% | Blue | FAV | 158 | 52 | 61 | 75 | 0 | 0.00 | 4.89 | 118 |
| **689B | Coloma sand, 1 to 7 percent slopes | 16.16 | 6.8% | Yellow | FAV | **101 | **32 | **46 | **52 | 0 | 0.00 | **3.60 | **75 |
| **88B | Sparta loamy sand, 1 to 6 percent slopes | 14.97 | 6.3% | Yellow | FAV | **118 | **41 | **50 | **57 | 0 | 0.00 | **3.97 | **91 |
| 7070A | Beaucoup silty clay loam, 0 to 2 percent slopes, rarely flooded | 13.10 | 5.5% | Blue | FAV | 176 | 58 | 69 | 90 | 0 | 0.00 | 5.39 | 132 |
| 430A | Raddle silt loam, 0 to 2 percent slopes | 8.52 | 3.6% | Green | FAV | 189 | 59 | 73 | 97 | 0 | 6.52 | 0.00 | 138 |
| 7415A | Orion silt loam, 0 to 2 percent slopes, rarely flooded | 4.39 | 1.8% | Blue | FAV | 180 | 57 | 66 | 89 | 0 | 0.00 | 5.02 | 131 |
| **689G | Coloma sand, 20 to 60 percent slopes | 3.90 | 1.6% | Yellow | FAV | **53 | **17 | **24 | **28 | 0 | 0.00 | **1.89 | **40 |
| **274B | Seaton silt loam, 2 to 5 percent slopes | 1.31 | 0.6% | Blue | FAV | **164 | **50 | **63 | **84 | 0 | **4.47 | 0.00 | **119 |
| **87B | Dickinson sandy loam, 2 to 5 percent slopes | 1.29 | 0.5% | Orange | FAV | **141 | **46 | **55 | **73 | 0 | **3.36 | 0.00 | **103 |
| **943D3 | Seaton-Timula silt loams, 10 to 18 percent slopes | 1.08 | 0.5% | Yellow | FAV | **131 | **41 | **50 | **65 | 0 | **3.41 | 0.00 | **96 |
| 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 S2-5811 | | | | | | Weighted Average: 50, 59.6, 73.4, *, 0.29, 4.47, 113.7 | | | | | | | |
| Crop yields and productivity indices for optimum management (5811) are maintained at the following NRES web site: https://www.ideals.illinois.edu/handle/2142/10277 | | | | | | | | | | | | | |

** 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

SOIL MAP

Mercer County, IL - TRACT 26



State: Illinois
 County: Mercer
 Location: 18-15N-5W
 Township: Eliza
 Acres: 300.06
 Date: 11/11/2016



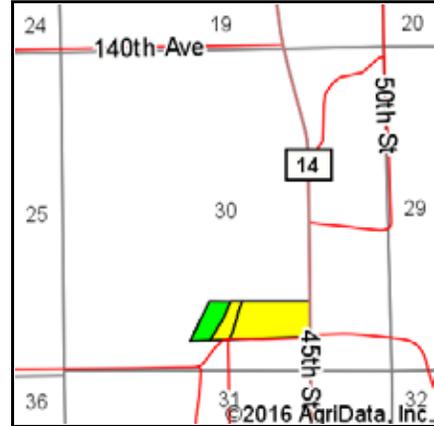
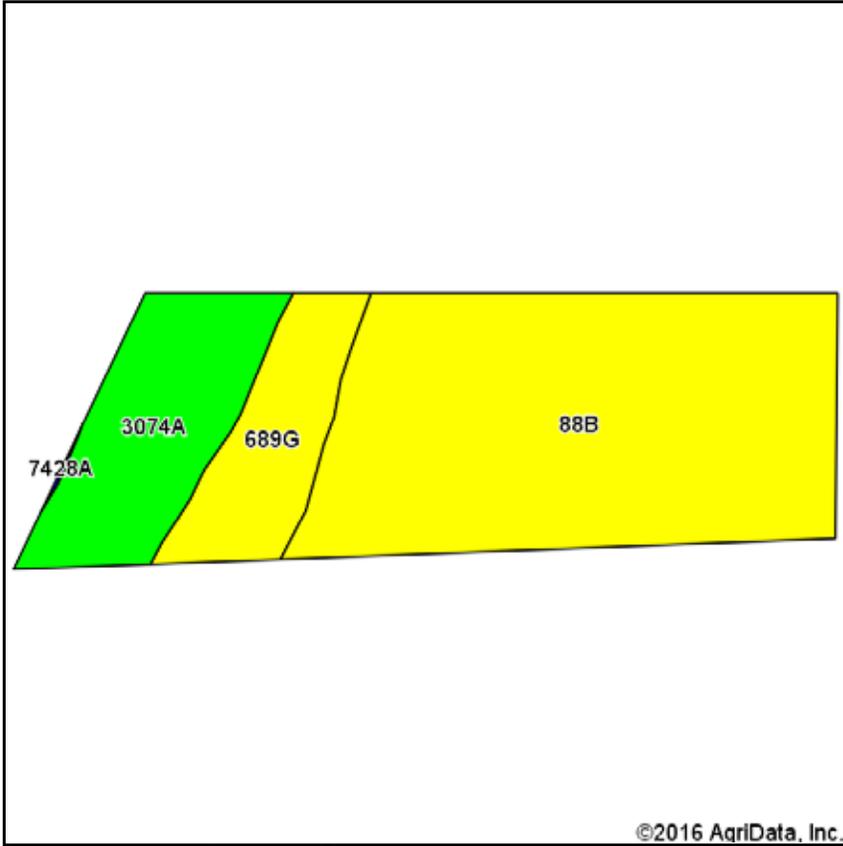
Soils data provided by USDA and NRCS.

Area Symbol: IL131, Soil Area Version: 11

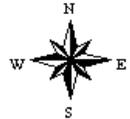
| Code | Soil Description | Acres | Percent of field | Ill. State Productivity Index Legend | Subsoil rooting a | Corn Bu/A | Soybeans Bu/A | Wheat Bu/A | Oats Bu/A b | Sorghum c Bu/A | Alfalfa d hay, T/A | Grass-legume e hay, T/A | Crop productivity index for optimum management |
|---|--|--------|------------------|--------------------------------------|-------------------|-----------|---------------|------------|-------------|----------------|--------------------|-------------------------|--|
| 7415A | Orion silt loam, 0 to 2 percent slopes, rarely flooded | 134.23 | 44.7% | Blue | FAV | 180 | 57 | 66 | 89 | 0 | 0.00 | 5.02 | 131 |
| 7404A | Titus silty clay loam, 0 to 2 percent slopes, rarely flooded | 62.06 | 20.7% | Blue | FAV | 158 | 52 | 61 | 75 | 0 | 0.00 | 4.89 | 118 |
| 7304A | Landes fine sandy loam, 0 to 2 percent slopes, rarely flooded | 30.75 | 10.2% | Orange | FAV | 135 | 45 | 55 | 61 | 0 | 3.39 | 0.00 | 100 |
| **88B | Sparta loamy sand, 1 to 6 percent slopes | 22.43 | 7.5% | Yellow | FAV | **118 | **41 | **50 | **57 | 0 | 0.00 | **3.97 | **91 |
| 7428A | Coffeen silt loam, 0 to 2 percent slopes, rarely flooded | 21.57 | 7.2% | Blue | FAV | 181 | 57 | 68 | 90 | 0 | 0.00 | 5.39 | 132 |
| **689G | Coloma sand, 20 to 60 percent slopes | 14.16 | 4.7% | Yellow | FAV | **53 | **17 | **24 | **28 | 0 | 0.00 | **1.89 | **40 |
| **87B | Dickinson sandy loam, 2 to 5 percent slopes | 3.90 | 1.3% | Orange | FAV | **141 | **46 | **55 | **73 | 0 | **3.36 | 0.00 | **103 |
| **274B | Seaton silt loam, 2 to 5 percent slopes | 2.38 | 0.8% | Blue | FAV | **164 | **50 | **63 | **84 | 0 | **4.47 | 0.00 | **119 |
| **274D | Seaton silt loam, 10 to 18 percent slopes | 2.31 | 0.8% | Orange | FAV | **154 | **47 | **60 | **79 | 0 | **4.20 | 0.00 | **112 |
| **911G | Timula-Hickory silt loams, 35 to 60 percent slopes | 1.99 | 0.7% | Yellow | FAV | **68 | **23 | **26 | **32 | 0 | 0.00 | **1.85 | **50 |
| **274C2 | Seaton silt loam, 5 to 10 percent slopes, eroded | 1.90 | 0.6% | Orange | FAV | **154 | **47 | **60 | **79 | 0 | **4.20 | 0.00 | **112 |
| 430A | Raddle silt loam, 0 to 2 percent slopes | 1.30 | 0.4% | Green | FAV | 189 | 59 | 73 | 97 | 0 | 6.52 | 0.00 | 138 |
| **943D3 | Seaton-Timula silt loams, 10 to 18 percent slopes, severely eroded | 0.51 | 0.2% | Yellow | FAV | **131 | **41 | **50 | **65 | 0 | **3.41 | 0.00 | **96 |
| 3415A | Orion silt loam, 0 to 2 percent slopes, frequently flooded | 0.35 | 0.1% | Blue | FAV | 180 | 57 | 66 | 89 | 0 | 0.00 | 5.02 | 131 |
| **8D2 | Hickory silt loam, 10 to 18 percent slopes, eroded | 0.09 | 0.0% | Yellow | FAV | **108 | **36 | **44 | **50 | 0 | **3.58 | 0.00 | **82 |
| **277B | Port Byron silt loam, 2 to 5 percent slopes | 0.07 | 0.0% | Green | FAV | **194 | **60 | **74 | **103 | 0 | **6.95 | 0.00 | **143 |
| **430B | Raddle silt loam, 2 to 5 percent | 0.06 | 0.0% | Green | FAV | **187 | **58 | **72 | **96 | 0 | **6.45 | 0.00 | **137 |
| Table: Corn and Soybean Crop Productivity Ratings for Illinois Soil by K.R. Olson and J.M. Lark, Office of Research, ACES, University of Illinois at Champaign-Urbana. Version: 11/24/14. Approved Table 11/26/14 | | | | | | | | | | | | | |
| Crop yields and productivity indices for optimum management (2014) are maintained at the following NRCS 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 | | | | | | | | | | | | | |

SOIL MAP

Mercer County, IL - TRACT 27



State: **Illinois**
 County: **Mercer**
 Location: **31-15N-5W**
 Township: **Eliza**
 Acres: **25.25**
 Date: **11/11/2016**



Area Symbol: IL131, Soil Area Version: 11

| 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-legume ^e hay, T/A | Crop productivity index for optimum management |
|-------------------------|--|-------|------------------|-------------------------------------|------------------------------|--------------|---------------|------------|------------------------|---------------------------|-------------------------------|------------------------------------|--|
| **88B | Sparta loamy sand, 1 to 6 percent slopes | 16.65 | 65.9% | | FAV | **118 | **41 | **50 | **57 | 0 | 0.00 | **3.97 | **91 |
| 3074A | Radford silt loam, 0 to 2 percent slopes, frequently flooded | 5.10 | 20.2% | | FAV | 186 | 58 | 73 | 99 | 0 | 0.00 | 5.52 | 136 |
| **689G | Coloma sand, 20 to 60 percent slopes | 3.50 | 13.9% | | FAV | **53 | **17 | **24 | **28 | 0 | 0.00 | **1.89 | **40 |
| Weighted Average | | | | | | 122.7 | 41.1 | 51 | 61.5 | *. | 0.00 | 3.99 | 93 |

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 81, Table S3. Soils data provided by University of Illinois at Champaign-Urbana.

^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".

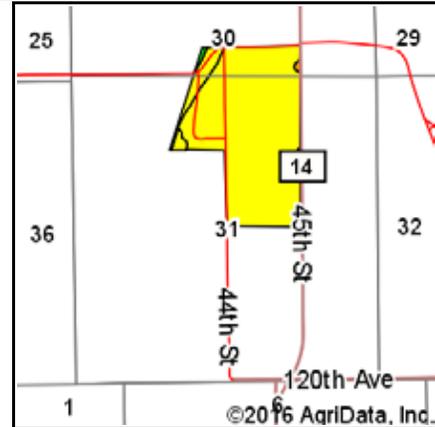
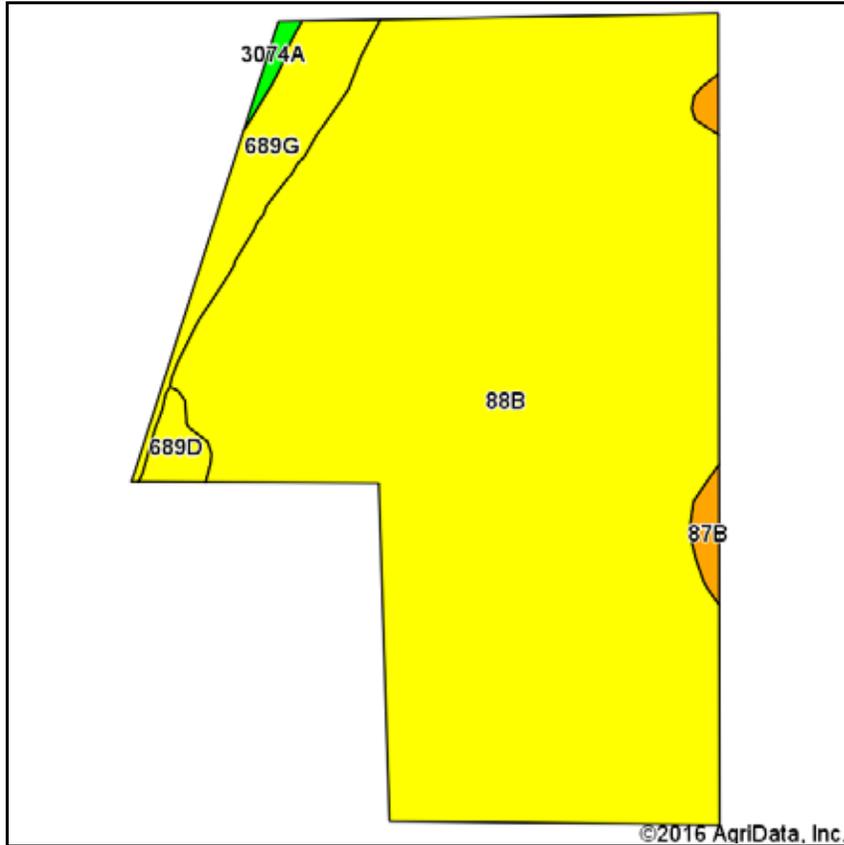
^d Soils in the poorly drained group were not rated for alfalfa and are shown with a zero "0".

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

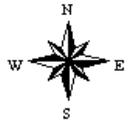
*c: Using Capabilities Class Dominant Condition Aggregation Method

SOIL MAP

Mercer County, IL - TRACT 28



State: **Illinois**
 County: **Mercer**
 Location: **31-15N-5W**
 Township: **Eliza**
 Acres: **122.06**
 Date: **11/11/2016**



Soils data provided by USDA and NRCS.

Area Symbol: IL131, Soil Area Version: 11

| 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-legume ^e hay, T/A | Crop productivity index for optimum management |
|-------------------------|--|--------|------------------|-------------------------------------|------------------------------|--------------|---------------|-------------|------------------------|---------------------------|-------------------------------|------------------------------------|--|
| **88B | Sparta loamy sand, 1 to 6 percent slopes | 112.44 | 92.1% | | FAV | **118 | **41 | **50 | **57 | 0 | 0.00 | **3.97 | **91 |
| **689G | Coloma sand, 20 to 60 percent slopes | 6.39 | 5.2% | | FAV | **53 | **17 | **24 | **28 | 0 | 0.00 | **1.89 | **40 |
| **689D | Coloma sand, 7 to 15 percent slopes | 1.42 | 1.2% | | FAV | **95 | **30 | **43 | **49 | 0 | 0.00 | **3.39 | **71 |
| **87B | Dickinson sandy loam, 2 to 5 percent slopes | 1.30 | 1.1% | | FAV | **141 | **46 | **55 | **73 | 0 | **3.36 | 0.00 | **103 |
| 3074A | Radford silt loam, 0 to 2 percent slopes, frequently flooded | 0.51 | 0.4% | | FAV | 186 | 58 | 73 | 99 | 0 | 0.00 | 5.52 | 136 |
| Weighted Average | | | | | | 114.9 | 39.7 | 48.7 | 55.7 | *- | 0.04 | 3.82 | 88.4 |

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

^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

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