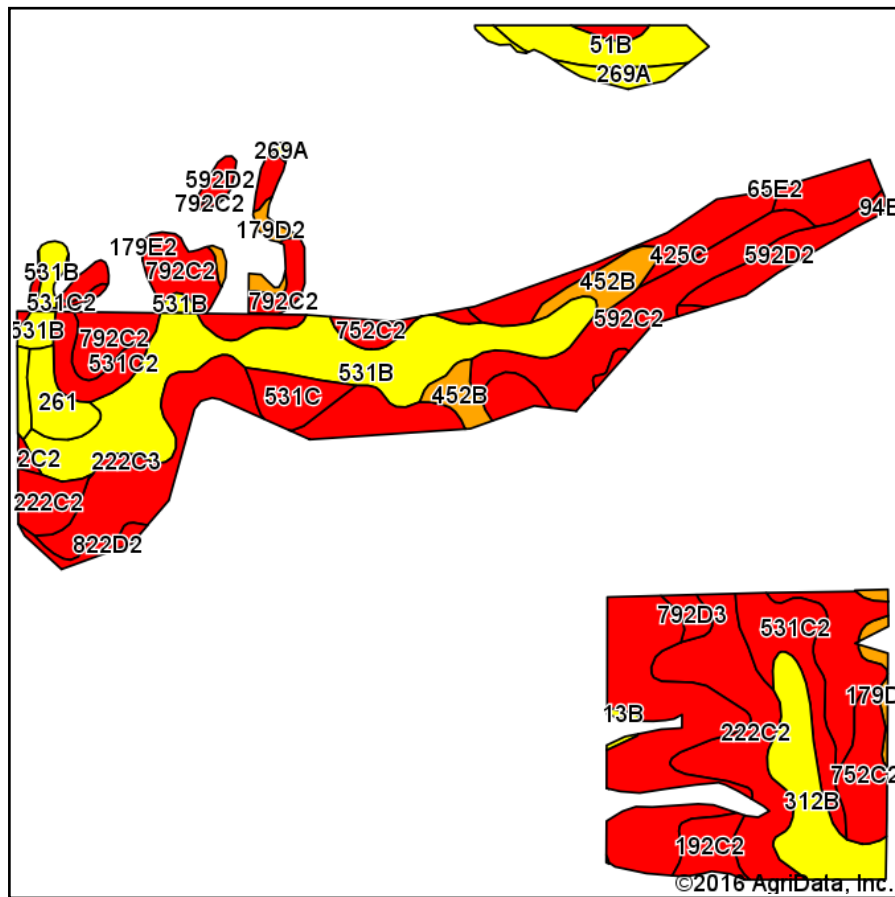
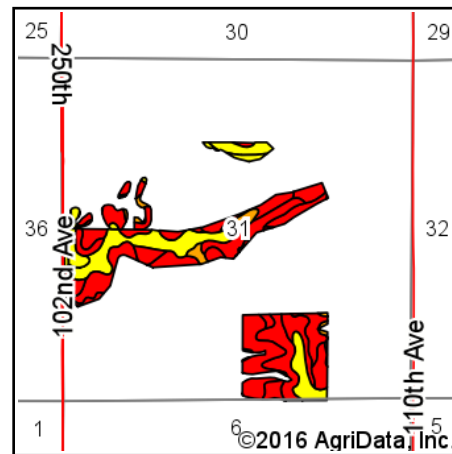


# Soils Map



Soils data provided by USDA and NRCS.



State: **Iowa**  
 County: **Appanoose**  
 Location: **31-69N-19W**  
 Township: **Johns**  
 Acres: **103.82**  
 Date: **2/18/2016**

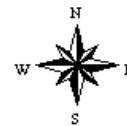
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 CUSTOMIZED ONLINE MAPPING

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## Archived Soils Ending 1/21/2012

| Code  | Soil Description                                                   | Acres | Percent of field | CSR Legend | Non-Irr Class *c | CSR* | Bromegrass alfalfa | Bromegrass alfalfa hay | Corn | Kentucky bluegrass | Oats | Orchardgrass red clover | Orchardgrass red clover hay | Smooth bromegrass | Soy |
|-------|--------------------------------------------------------------------|-------|------------------|------------|------------------|------|--------------------|------------------------|------|--------------------|------|-------------------------|-----------------------------|-------------------|-----|
| 531B  | Kniffin silt loam, 2 to 5 percent slopes                           | 15.76 | 15.2%            |            | IIIe             | 58   | 6.6                | 4.2                    | 154  | 2.6                | 62   |                         |                             | 4.3               |     |
| 222C2 | Clarinda silty clay loam, 5 to 9 percent slopes, moderately eroded | 13.24 | 12.8%            |            | IVw              | 25   | 3.6                | 2.2                    | 110  | 1.8                | 44   |                         |                             | 3                 |     |
| 993D3 | Armstrong-Gara complex, 9 to 14 percent slopes, severely eroded    | 10.23 | 9.9%             |            | VIe              | 15   | 2.9                | 2.4                    | 96   | 1.5                | 38   |                         |                             | 2.5               |     |
| 222C3 | Clarinda soils, 5 to 9 percent slopes, severely eroded             | 8.42  | 8.1%             |            | VIe              | 15   | 2.6                | 1.6                    | 96   | 1.3                | 38   |                         |                             | 2.1               |     |
| 592C2 | Mystic silt loam, 5 to 9 percent slopes moderately eroded          | 6.69  | 6.4%             |            | IIIe             | 21   | 4.3                | 2.7                    | 104  | 1.7                | 42   |                         |                             | 2.8               |     |

|       |                                                                             |      |      |  |      |    |     |     |     |     |    |  |  |     |
|-------|-----------------------------------------------------------------------------|------|------|--|------|----|-----|-----|-----|-----|----|--|--|-----|
| 792C2 | Armstrong loam, 5 to 9 percent slopes, moderately eroded                    | 6.12 | 5.9% |  | Ille | 26 | 4.9 | 2.8 | 111 | 1.7 | 44 |  |  | 2.9 |
| 312B  | Seymour silt loam, 2 to 5 percent slopes                                    | 5.99 | 5.8% |  | Ille | 60 | 7.3 | 4.4 | 157 | 2.7 | 63 |  |  | 4.5 |
| 531C2 | Kniffin silt loam, 5 to 9 percent slopes, moderately eroded                 | 5.76 | 5.5% |  | Ille | 32 | 5.8 | 3.8 | 119 | 2.3 | 48 |  |  | 3.9 |
| 752C2 | Lineville silt loam, dark variant, 5 to 9 percent slopes, moderately eroded | 3.90 | 3.8% |  | Ille | 35 | 6.3 | 3.8 | 123 | 2.3 | 49 |  |  | 3.9 |
| 592D2 | Mystic silt loam, 9 to 14 percent slopes, moderately eroded                 | 3.88 | 3.7% |  | Ive  | 5  | 3.7 | 2.4 | 83  | 1.5 | 33 |  |  | 2.4 |
| 425C  | Keswick loam, 5 to 9 percent slopes                                         | 3.76 | 3.6% |  | Ille | 28 | 5.2 | 3.1 | 114 | 1.8 | 46 |  |  | 3   |
| 51B   | Vesser silt loam, 2 to 5 percent slopes                                     | 3.09 | 3.0% |  | Ilw  | 65 | 6.4 | 3.8 | 164 | 3.1 | 66 |  |  | 5.2 |
| 452B  | Lineville silt loam, 2 to 5 percent slopes                                  | 2.85 | 2.7% |  | Ille | 50 | 6.5 | 3.9 | 144 | 2.4 | 58 |  |  | 4   |
| 132C2 | Weller silt loam, 5 to 9 percent slopes, moderately eroded                  | 2.10 | 2.0% |  | Ille | 40 | 6.5 | 3.9 | 130 | 2.3 | 52 |  |  | 3.8 |
| 531C  | Kniffin silt loam, 5 to 9 percent slopes                                    | 1.92 | 1.8% |  | Ille | 36 | 6.3 | 4   | 125 | 2.5 | 50 |  |  | 4.1 |
| 261   | Appanoose silt loam                                                         | 1.89 | 1.8% |  | Illw | 54 | 4.9 | 2.9 | 149 | 2.4 | 60 |  |  | 4   |
| 192C2 | Adair clay loam, 5 to 9 percent slopes, moderately eroded                   | 1.86 | 1.8% |  | Ille | 30 | 5.5 | 3.3 | 117 | 2   | 47 |  |  | 3.4 |
| 179D2 | Gara loam, 9 to 14 percent slopes, moderately eroded                        | 1.52 | 1.5% |  | Ive  | 43 | 7.4 | 4.5 | 134 | 2.6 | 54 |  |  | 4.3 |
| 592D3 | Mystic soils, 9 to 14 percent slopes, severely eroded                       | 1.28 | 1.2% |  | Vle  | 5  | 2.4 | 1.6 | 83  | 1   | 33 |  |  | 1.6 |
| 269A  | Humeston silt loam, 0 to 2 percent slopes                                   | 1.24 | 1.2% |  | Illw | 58 | 5.5 | 3.3 | 154 | 2.7 | 62 |  |  | 4.5 |

|                         |                                                                   |      |      |  |      |             |          |            |              |          |             |           |           |            |
|-------------------------|-------------------------------------------------------------------|------|------|--|------|-------------|----------|------------|--------------|----------|-------------|-----------|-----------|------------|
| 822D2                   | Lamoni silty clay loam, 9 to 14 percent slopes, moderately eroded | 0.70 | 0.7% |  | IVe  | 15          | 4.9      | 2.9        | 96           | 1.8      | 38          |           |           | 3          |
| 792D3                   | Armstrong soils, 9 to 14 percent slopes, severely eroded          | 0.65 | 0.6% |  | Vle  | 5           | 2.9      | 1.6        | 83           | 1        | 33          |           |           | 1.7        |
| 179E2                   | Gara loam, 14 to 18 percent slopes, moderately eroded             | 0.55 | 0.5% |  | Vle  | 33          | 6.2      | 3.7        | 121          | 2.2      | 48          |           |           | 3.6        |
| 312C2                   | Seymour silt loam, 5 to 9 percent slopes, moderately eroded       | 0.23 | 0.2% |  | Ille | 35          | 6.5      | 3.9        | 123          | 2.4      | 49          |           |           | 4          |
| 13B                     | Olmitz-Vesser-Colo complex, 2 to 5 percent slopes                 | 0.19 | 0.2% |  | Ilw  | 68          | 9.6      | 4          | 168          | 3.3      | 67          |           |           | 5.5        |
| <b>Weighted Average</b> |                                                                   |      |      |  |      | <b>33.5</b> | <b>5</b> | <b>3.1</b> | <b>121.2</b> | <b>2</b> | <b>48.5</b> | <b>*-</b> | <b>*-</b> | <b>3.4</b> |

\*The CSR ratings are dated 1/21/2012 and will be available to aid in the transition to CSR2.

\*c: Using Capabilities Class Dominant Condition Aggregation Method

Soils data provided by USDA and NRCS.