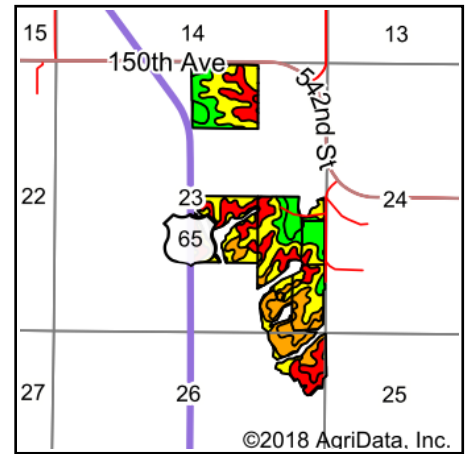
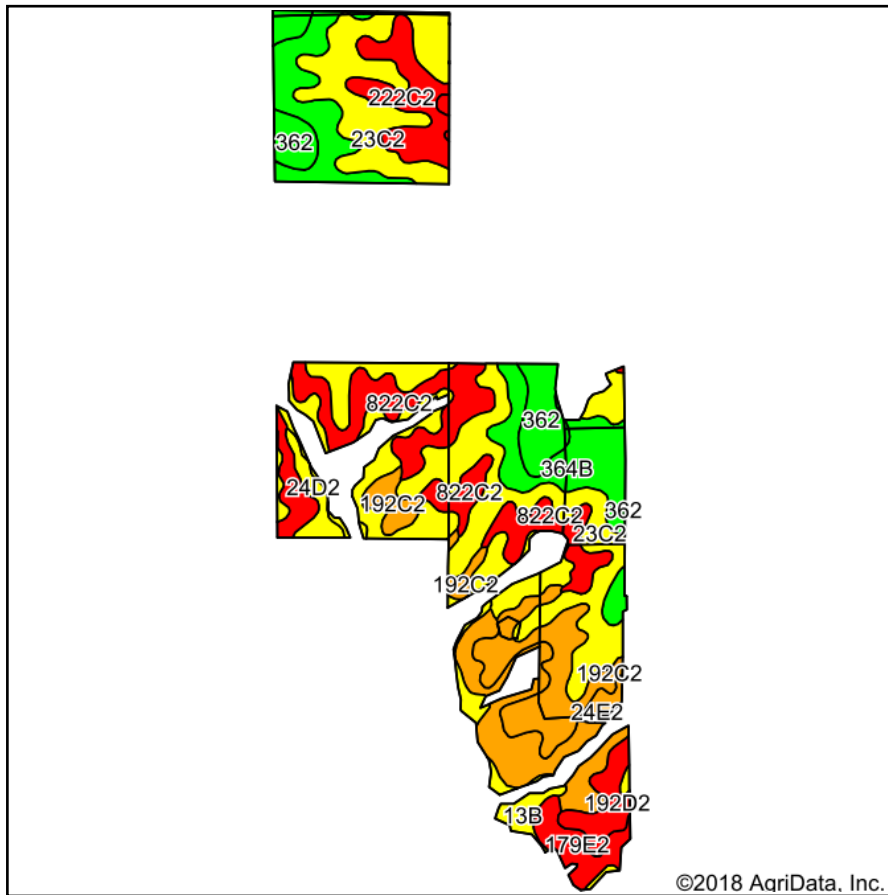


Soils Map



State: **Iowa**
 County: **Lucas**
 Location: **23-73N-23W**
 Township: **Otter Creek**
 Acres: **157.45**
 Date: **8/28/2018**

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Maps Provided By:

surety
 CUSTOMIZED ONLINE MAPPING
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Area Symbol: IA117, Soil Area Version: 25

| Code | Soil Description | Acres | Percent of field | CSR2 Legend | Non-Irr Class *c | *i Corn | *i Soybeans | CSR2** | CSR | NCCPI Overall | NCCPI Corn | NCCPI Small Grains |
|-------------------------|------------------------------------------------------------------------|-------|------------------|-------------|------------------|--------------|-------------|-------------|-------------|---------------|-------------|--------------------|
| 23C2 | Arispe silty clay loam, 5 to 9 percent slopes, moderately eroded | 42.46 | 27.0% | | IIIe | 80 | 23.2 | 62 | 50 | 82 | 82 | 49 |
| 822C2 | Lamoni silty clay loam, 5 to 9 percent slopes, moderately eroded | 22.41 | 14.2% | | IIIe | 129.6 | 37.6 | 36 | 30 | 49 | 49 | 46 |
| 364B | Grundy silty clay loam, 2 to 5 percent slopes | 20.96 | 13.3% | | Ile | 80 | 23.2 | 72 | 75 | 78 | 78 | 44 |
| 192C2 | Adair clay loam, heavy till, 5 to 9 percent slopes, moderately eroded | 15.21 | 9.7% | | IIIe | 137.6 | 39.9 | 48 | 30 | 60 | 60 | 32 |
| 24D2 | Shelby clay loam, 9 to 14 percent slopes, moderately eroded | 13.23 | 8.4% | | IIIe | 168 | 48.7 | 52 | 48 | 67 | 67 | 46 |
| 24E2 | Shelby clay loam, 14 to 18 percent slopes, moderately eroded | 12.78 | 8.1% | | IVe | 144 | 41.8 | 40 | 38 | 59 | 59 | 42 |
| 362 | Haig silt loam, 0 to 2 percent slopes | 8.78 | 5.6% | | IIw | 80 | 23.2 | 83 | 70 | 75 | 75 | 16 |
| 222C2 | Clarinda silty clay loam, 5 to 9 percent slopes, moderately eroded | 8.49 | 5.4% | | IVw | 140.8 | 40.8 | 34 | 25 | 45 | 45 | 14 |
| 179E2 | Gara clay loam, 14 to 18 percent slopes, moderately eroded | 4.44 | 2.8% | | Vle | 139.2 | 40.4 | 23 | 33 | 55 | 55 | 38 |
| 13B | Zook-Olmitz-Vesser complex, 0 to 5 percent slopes | 4.42 | 2.8% | | IIw | 200 | 58 | 68 | 53 | 80 | 79 | 14 |
| 192D2 | Adair clay loam, heavy till, 9 to 14 percent slopes, moderately eroded | 4.27 | 2.7% | | IVe | 108.8 | 31.6 | 24 | 15 | 58 | 58 | 31 |
| Weighted Average | | | | | | 114.3 | 33.2 | 53.4 | 45.8 | 67.7 | 67.6 | 39.9 |

**IA has updated the CSR values for each county to CSR2.

*i Yield data provided by the ISPAID Database version 8.1.1 developed by IA State University.

*c: Using Capabilities Class Dominant Condition Aggregation Method

Soils data provided by USDA and NRCS.