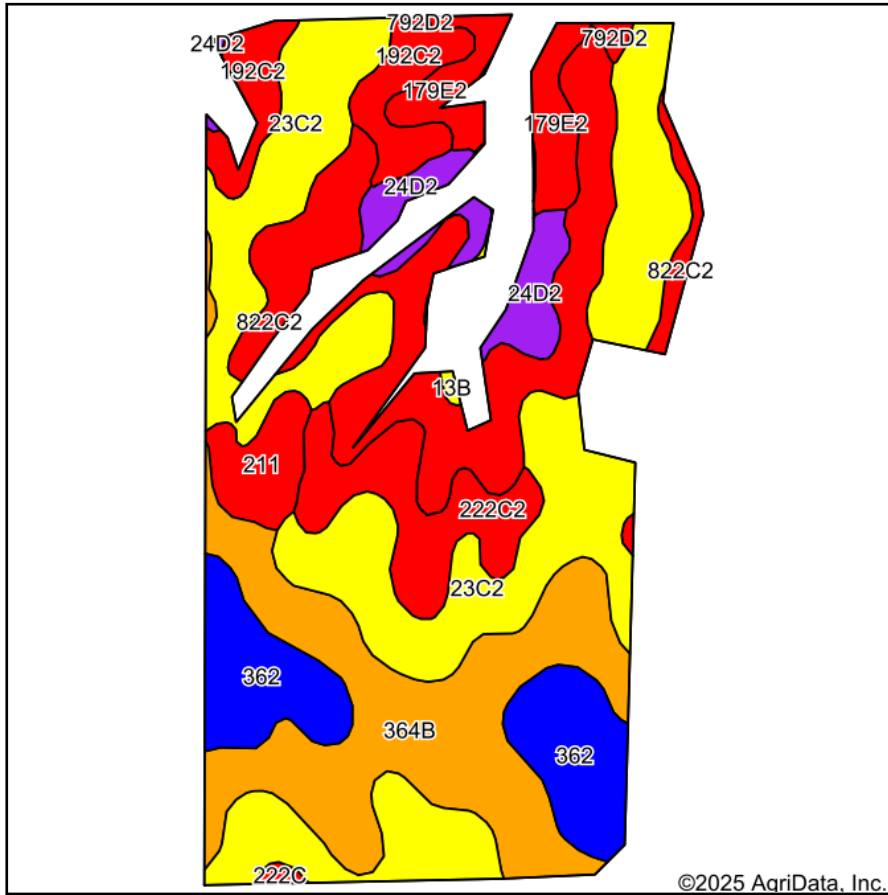
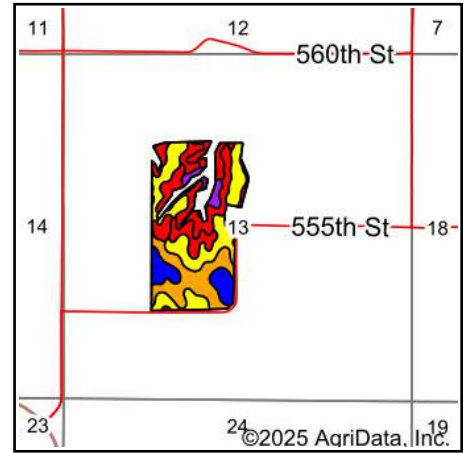


# Soils Map



Soils data provided by USDA and NRCS.



State: **Iowa**  
 County: **Lucas**  
 Location: **13-73N-23W**  
 Township: **Otter Creek**  
 Acres: **68.25**  
 Date: **9/18/2025**



Maps Provided By:  
**surety**  
 CUSTOMIZED ONLINE MAPPING  
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Area Symbol: IA117, Soil Area Version: 33

| Code             | Soil Description  | Acres | Percent of field | CSR2 Legend | Non-Irr Class<br>*c | CSR2** | CSR  | *n NCCPI Overall |
|------------------|---|-------|------------------|-------------|---------------------|--------|------|------------------|
| 23C2             | Arispe silty clay loam, 5 to 9 percent slopes, moderately eroded      | 22.07 | 32.5%            |             | IIle                | 62     | 50   | 73               |
| 364B             | Grundy silty clay loam, 2 to 5 percent slopes                         | 13.15 | 19.3%            |             | Ile                 | 72     | 75   | 79               |
| 822C2            | Lamoni silty clay loam, 5 to 9 percent slopes, moderately eroded      | 11.06 | 16.2%            |             | IIle                | 36     | 30   | 61               |
| 362              | Haig silt loam, 0 to 2 percent slopes                                 | 6.55  | 9.6%             |             | IIw                 | 83     | 70   | 74               |
| 222C2            | Clarinda silty clay loam, 5 to 9 percent slopes, moderately eroded    | 4.25  | 6.2%             |             | IVw                 | 28     | 25   | 54               |
| 192C2            | Adair clay loam, heavy till, 5 to 9 percent slopes, moderately eroded | 3.34  | 4.9%             |             | IIle                | 29     | 30   | 66               |
| 179E2            | Gara clay loam, 14 to 18 percent slopes, moderately eroded            | 2.82  | 4.1%             |             | VIle                | 23     | 33   | 62               |
| 24D2             | Shelby clay loam, 9 to 14 percent slopes, moderately eroded           | 2.62  | 3.8%             |             | IIle                | 52     | 48   | 75               |
| 211              | Edina silt loam, depressional, 0 to 1 percent slopes                  | 1.86  | 2.7%             |             | IIIw                | 41     | 57   | 66               |
| 792D2            | Armstrong clay loam, 9 to 14 percent slopes, moderately eroded        | 0.23  | 0.3%             |             | IVe                 | 5      | 13   | 58               |
| 13B              | Zook-Olmitz-Vesser complex, 0 to 5 percent slopes                     | 0.15  | 0.2%             |             | IIw                 | 68     | 53   | 77               |
| 222C             | Clarinda silty clay loam, 5 to 9 percent slopes                       | 0.15  | 0.2%             |             | IVw                 | 31     | 30   | 59               |
| Weighted Average |   |       |                  |             | 2.90                | 55.2   | 50.2 | *n 70.1          |

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

\*n: The aggregation method is "Weighted Average using all components"

\*c: Using Capabilities Class Dominant Condition Aggregation Method

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