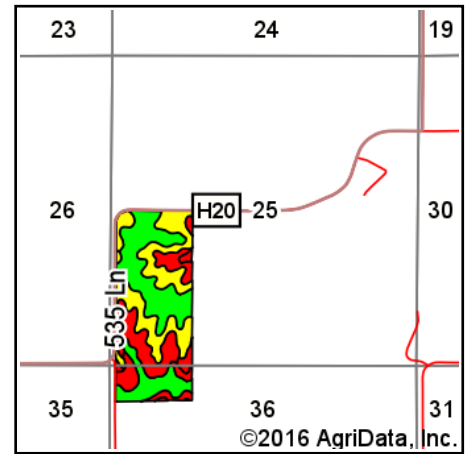
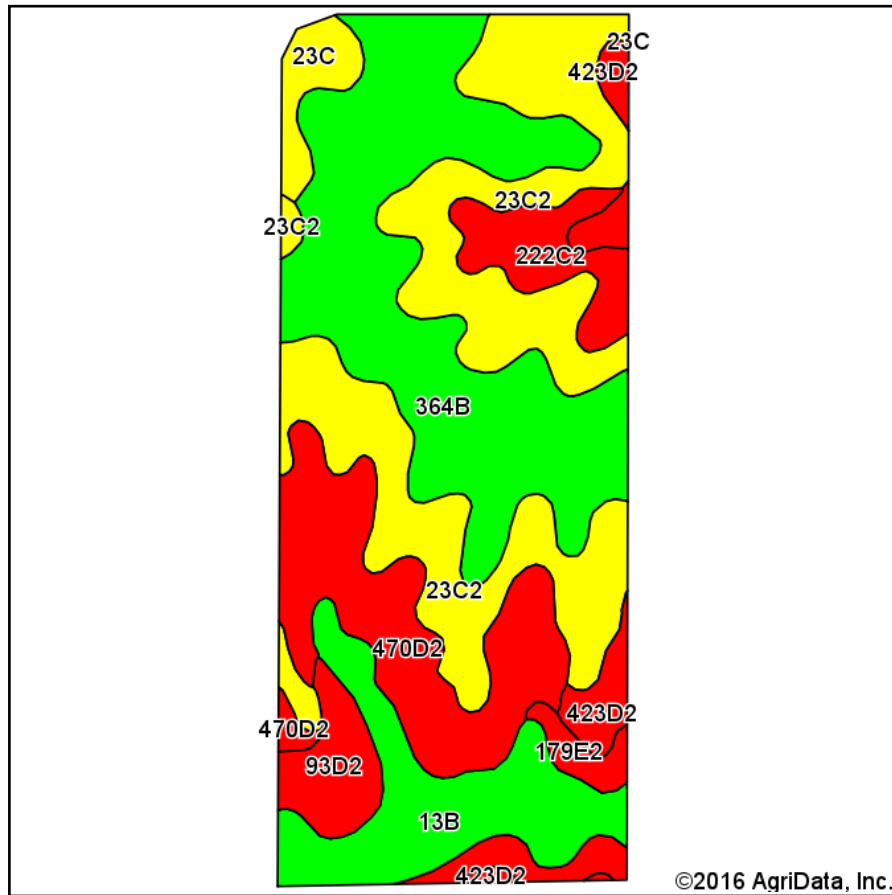


# Soils Map



State: **Iowa**  
 County: **Lucas**  
 Location: **25-73N-21W**  
 Township: **English**  
 Acres: **97.04**  
 Date: **2/24/2016**



Area Symbol: IA117, Soil Area Version: 23

| Code             | Soil Description  | Acres | Percent of field | CSR2 Legend | Non-Irr Class *c | CSR2** | CSR  | *n NCCPI Overall |
|------------------|---|-------|------------------|-------------|------------------|--------|------|------------------|
| 364B             | Grundy silty clay loam, 2 to 5 percent slopes                       | 27.97 | 28.8%            |             | Ile              | 72     | 75   | 78               |
| 23C2             | Arispe silty clay loam, 5 to 9 percent slopes, moderately eroded    | 27.42 | 28.3%            |             | IIle             | 62     | 50   | 82               |
| 470D2            | Lamoni-Shelby complex, 9 to 14 percent slopes, moderately eroded    | 13.80 | 14.2%            |             | IVe              | 23     | 25   | 53               |
| 13B              | Zook-Olmitz-Vesser complex, 0 to 5 percent slopes                   | 11.06 | 11.4%            |             | IIlw             | 70     | 53   | 82               |
| 222C2            | Clarinda silty clay loam, 5 to 9 percent slopes, moderately eroded  | 4.53  | 4.7%             |             | IVw              | 34     | 25   | 45               |
| 93D2             | Shelby-Adair complex, 9 to 14 percent slopes, moderately eroded     | 3.51  | 3.6%             |             | IIle             | 35     | 35   | 61               |
| 423D2            | Bucknell silty clay loam, 9 to 14 percent slopes, moderately eroded | 3.27  | 3.4%             |             | IVe              | 7      | 13   | 60               |
| 23C              | Arispe silty clay loam, 5 to 9 percent slopes                       | 2.38  | 2.5%             |             | IIle             | 66     | 55   | 82               |
| 179F2            | Gara clay loam, 18 to 25 percent slopes, moderately eroded          | 1.83  | 1.9%             |             | Vlle             | 17     | 13   | 48               |
| 179E2            | Gara clay loam, 14 to 18 percent slopes, moderately eroded          | 1.27  | 1.3%             |             | Vle              | 23     | 33   | 55               |
| Weighted Average |   |       |                  |             |                  | 54.8   | 50.2 | *n 72.5          |

Area Symbol: IA117, Soil Area Version: 23

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

\*n: NCCPI updated on 1-25-2016

\*c: Using Capabilities Class Dominant Condition Aggregation Method

Soils data provided by USDA and NRCS.