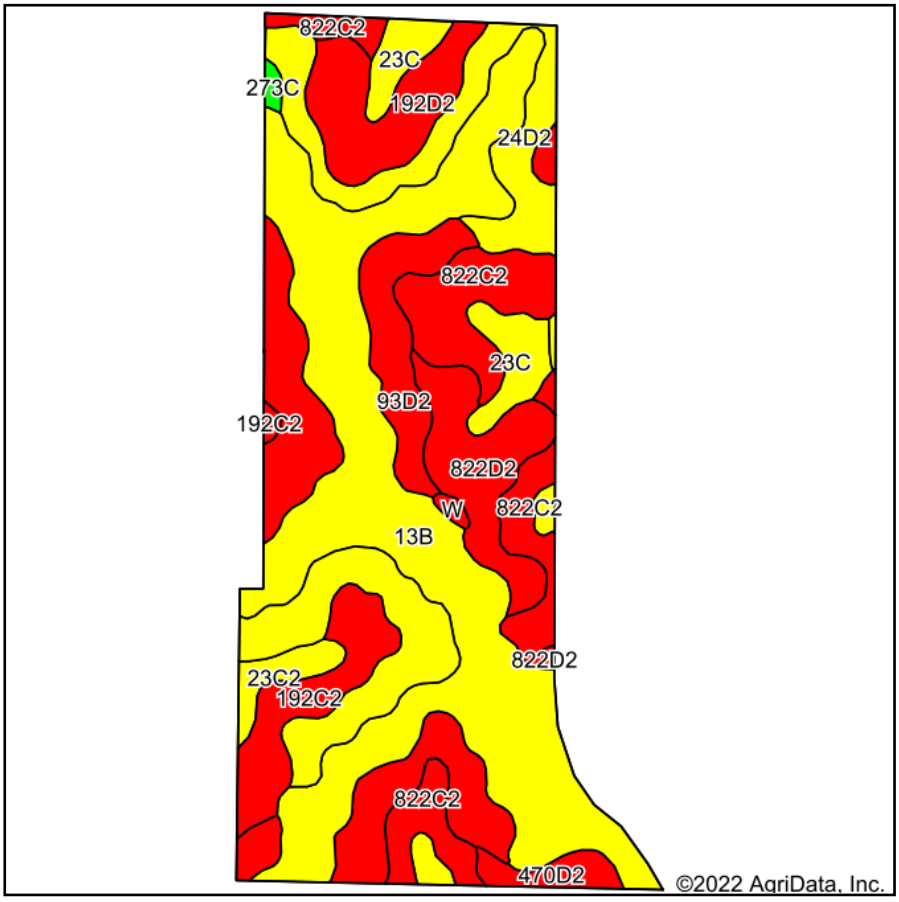
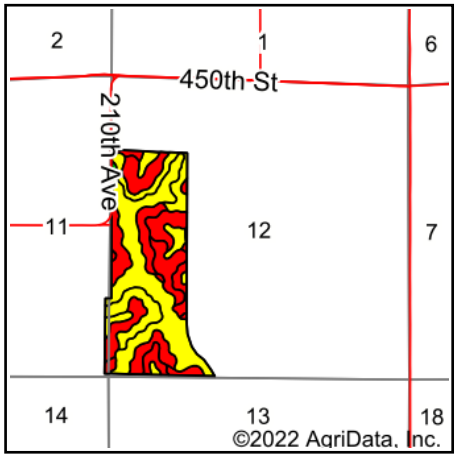
# Soils Map




Soils data provided by USDA and NRCS.




State: **Iowa**
County: **Lucas**
Location: **12-71N-22W**
Township: **Warren**
Acres: **126.81**
Date: **7/22/2022**

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N W E S

Area Symbol: IA117, Soil Area Version: 30

| Code | Soil Description | Acres | Percent of field | CSR2 Legend | Non-Irr Class *c | CSR2** | CSR | *n NCCPI Overall | *n NCCPI Corn | *n NCCPI Small Grains | *n NCCPI Soybeans |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 13B | Zook-Olmitz-Vesser complex, 0 to 5 percent slopes | 42.65 | 33.6% | | IIw | 68 | 53 | 77 | 70 | 43 | 74 |
| 24D2 | Shelby clay loam, 9 to 14 percent slopes, moderately eroded | 19.20 | 15.1% | | IIIe | 52 | 48 | 76 | 76 | 60 | 57 |
| 822C2 | Lamoni silty clay loam, 5 to 9 percent slopes, moderately eroded | 14.30 | 11.3% | | IIIe | 36 | 30 | 62 | 57 | 62 | 46 |
| 93D2 | Shelby-Adair complex, 9 to 14 percent slopes, moderately eroded | 13.03 | 10.3% | | IVe | 32 | 35 | 71 | 71 | 56 | 51 |
| 822D2 | Lamoni silty clay loam, 9 to 14 percent slopes, moderately eroded | 7.66 | 6.0% | | IVe | 10 | 15 | 64 | 64 | 60 | 50 |
| 192D2 | Adair clay loam, heavy till, 9 to 14 percent slopes, moderately eroded | 7.08 | 5.6% | | IVe | 9 | 15 | 66 | 66 | 54 | 45 |
| 192C2 | Adair clay loam, heavy till, 5 to 9 percent slopes, moderately eroded | 6.29 | 5.0% | | IIIe | 29 | 30 | 68 | 68 | 56 | 47 |
| 24E2 | Shelby clay loam, 14 to 18 percent slopes, moderately eroded | 6.10 | 4.8% | | IVe | 40 | 38 | 68 | 68 | 53 | 51 |
| 23C | Arispe silty clay loam, 5 to 9 percent slopes | 4.80 | 3.8% | | IIIe | 66 | 55 | 79 | 79 | 74 | 72 |
| 23C2 | Arispe silty clay loam, 5 to 9 percent slopes, moderately eroded | 3.15 | 2.5% | | IIIe | 62 | 50 | 74 | 74 | 67 | 69 |
| 470D2 | Lamoni-Shelby complex, 9 to 14 percent slopes, moderately eroded | 1.87 | 1.5% | | IVe | 20 | 25 | 67 | 67 | 58 | 47 |
| 273C | Olmitz loam, heavy till, 5 to 9 percent slopes | 0.35 | 0.3% | | IIIe | 77 | 57 | 85 | 85 | 71 | 72 |
| W | Water | 0.33 | 0.3% | | | 0 | 0 | | | | |
| | | | **Weighted Average** | | *- | **47.1** | **41** | ***n 71.9** | ***n 69** | ***n 53.8** | ***n 59.6** |

**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
*- Non Irr Class weighted average cannot be calculated on the current soils data due to missing data.
Soils data provided by USDA and NRCS.