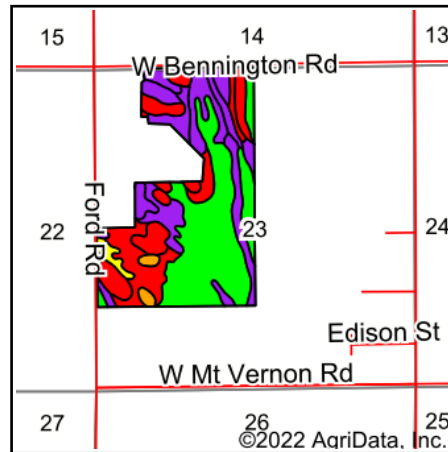
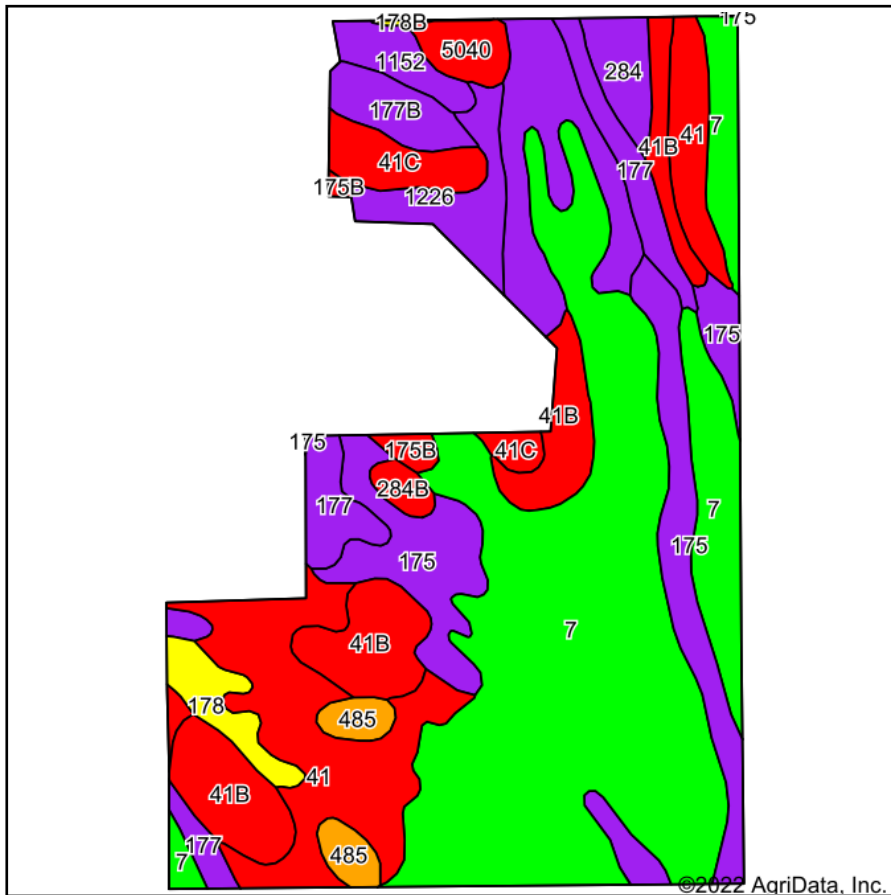


Soils Map



State: **Iowa**
 County: **Black Hawk**
 Location: **23-90N-14W**
 Township: **Washington**
 Acres: **170**
 Date: **3/30/2022**



Maps Provided By:

 CUSTOMIZED ONLINE MAPPING
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Soils data provided by USDA and NRCS.

Area Symbol: IA013, Soil Area Version: 29

| Code | Soil Description | Acres | Percent of field | CSR2 Legend | Non-Irr Class *c | Irr Class *c | *i Corn Bu | *i Soybeans Bu | CSR2** | CSR | Bromegrass alfalfa AUM | Bromegrass alfalfa hay Tons | Corn Bu | Kentucky bluegrass AUM | Oats Bu | Smooth bromegrass AUM |
|------|--|-------|------------------|-------------|------------------|--------------|------------|----------------|--------|-----|------------------------|-----------------------------|---------|------------------------|---------|-----------------------|
| 7 | Wiota silty clay loam, 0 to 2 percent slopes | 67.43 | 39.7% | | Is | | 233.6 | 67.7 | 97 | 95 | | | | | | |
| 41 | Sparta loamy fine sand, 0 to 2 percent slopes | 20.54 | 12.1% | | IVs | Ile | 148.8 | 43.2 | 44 | 45 | | | | | | |
| 175 | Dickinson fine sandy loam, 0 to 2 percent slopes | 17.58 | 10.3% | | IIIs | | 80 | 23.2 | 55 | 60 | | | | | | |
| 41B | Sparta loamy fine sand, 2 to 5 percent slopes | 16.41 | 9.7% | | IVs | Ile | 140.8 | 40.8 | 39 | 40 | | | | | | |
| 284 | Flagler sandy loam, 0 to 2 percent slopes | 12.74 | 7.5% | | IIIs | | 80 | 23.2 | 55 | 50 | | | | | | |
| 177 | Saude loam, 0 to 2 percent slopes | 9.41 | 5.5% | | IIs | | 80 | 23.2 | 60 | 63 | | | | | | |
| 1226 | Lawler loam, 0 to 2 percent slopes, rarely flooded | 4.87 | 2.9% | | IIs | | 80 | 23.2 | 59 | 72 | | | | | | |
| 41C | Sparta loamy fine sand, 5 to 9 percent slopes | 4.51 | 2.7% | | IVs | Ile | 124.8 | 36.2 | 34 | 25 | | | | | | |
| 177B | Saude loam, 2 to 5 percent slopes | 3.37 | 2.0% | | IIs | | 80 | 23.2 | 55 | 58 | | | | | | |



| | | | | | | | | | | | | | | | |
|-------------------------|--|------|------|--|-------------|-------------|--------------|-------------|-------------|-----------|------------|-----------|------------|-----------|------------|
| 178 | Waukee loam, 0 to 2 percent slopes | 3.13 | 1.8% | | Ils | 80 | 23.2 | 69 | 79 | | | | | | |
| 1152 | Marshan clay loam, 0 to 2 percent slopes, rarely flooded | 2.71 | 1.6% | | Ilw | 80 | 23.2 | 54 | 68 | 5 | 3 | 90 | 2 | 57 | |
| 485 | Spillville loam, 0 to 2 percent slopes, occasionally flooded | 2.68 | 1.6% | | Ilw | 208 | 60.3 | 76 | 92 | | | | | | |
| 5040 | Anthroportic Udorthents, 2 to 9 percent slopes | 2.36 | 1.4% | | Vls | 88 | 25.5 | 5 | 5 | | | | | | |
| 284B | Flagler sandy loam, 2 to 5 percent slopes | 1.11 | 0.7% | | Ille | 80 | 23.2 | 50 | 45 | | | | | | |
| 175B | Dickinson fine sandy loam, 2 to 5 percent slopes | 1.01 | 0.6% | | Ille | 80 | 23.2 | 50 | 55 | | | | | | |
| 178B | Waukee loam, 2 to 5 percent slopes | 0.14 | 0.1% | | Ils | 80 | 23.2 | 64 | 74 | | | | | | |
| Weighted Average | | | | | 2.34 | 0.49 | 158.4 | 45.9 | 68.4 | 69 | 0.1 | *- | 1.4 | *- | 0.9 |

**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.

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

*c: Using Capabilities Class Dominant Condition Aggregation Method

Soils data provided by USDA and NRCS.