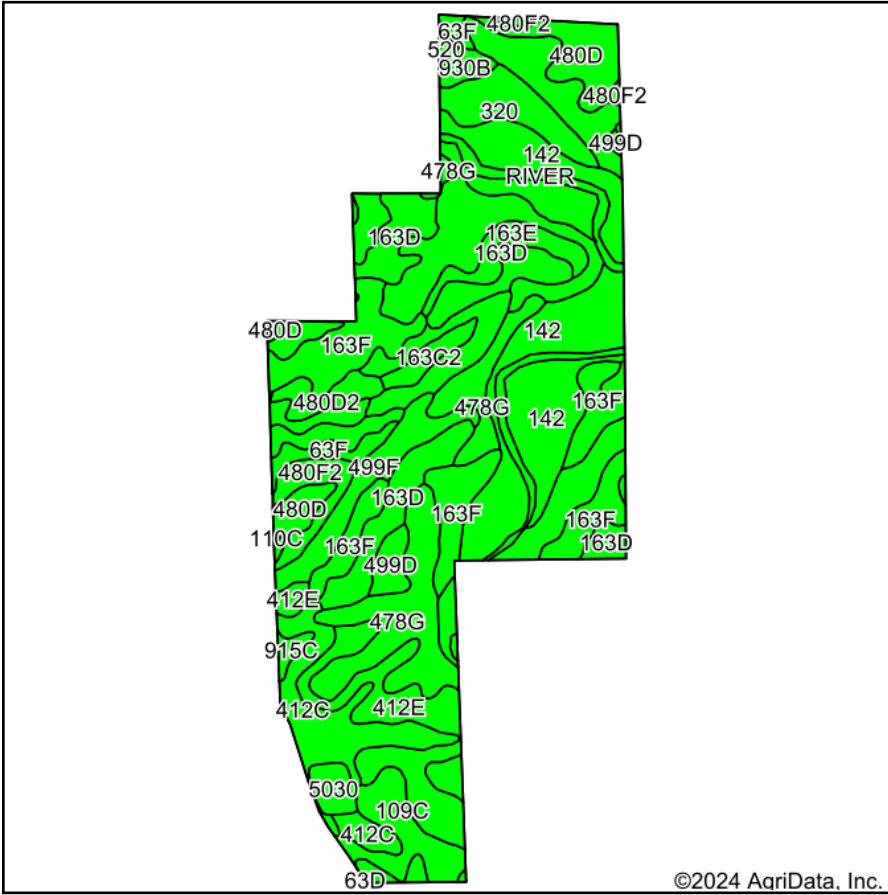
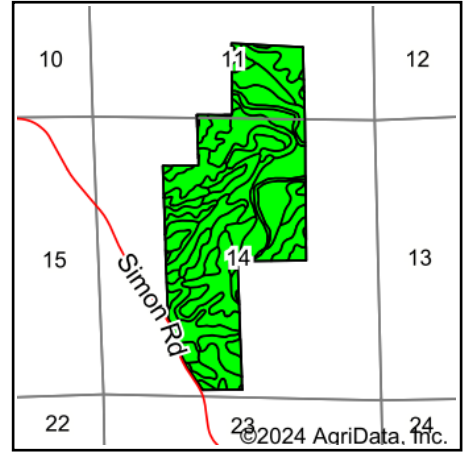


# Soils Map



Soils data provided by USDA and NRCS.

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State: **Iowa**  
 County: **Dubuque**  
 Location: **14-87N-1W**  
 Township: **Whitewater**  
 Acres: **253.1**  
 Date: **4/8/2024**



Maps Provided By:



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Area Symbol: IA061, Soil Area Version: 25

| Code | Soil Description  | Acres | Percent of field | CSR2 Legend | Non-Irr Class *c | CSR2** | *n NCCPI Overall | *n NCCPI Corn | *n NCCPI Small Grains | *n NCCPI Soybeans |
|------|---|-------|------------------|-------------|------------------|--------|------------------|---------------|-----------------------|-------------------|
| 142  | Chaseburg silt loam, moderately well drained, 0 to 2 percent slopes | 39.95 | 15.8%            |             | IIw              | 79     | 84               | 82            | 73                    | 84                |
| 478G | Nordness-Rock outcrop complex, 18 to 60 percent slopes              | 38.13 | 15.1%            |             | VIIIs            | 5      | 9                | 9             | 5                     | 3                 |
| 163F | Fayette silt loam, 18 to 25 percent slopes                          | 25.89 | 10.2%            |             | VIe              | 21     | 62               | 62            | 43                    | 48                |
| 163D | Fayette silt loam, 9 to 14 percent slopes                           | 21.47 | 8.5%             |             | IIIe             | 49     | 82               | 82            | 71                    | 70                |
| 412E | Emeline loam, 9 to 18 percent slopes                                | 17.64 | 7.0%             |             | VIIs             | 5      | 25               | 23            | 25                    | 16                |
| 163G | Fayette silt loam, 25 to 40 percent slopes                          | 13.91 | 5.5%             |             | VIIe             | 5      | 20               | 20            | 17                    | 10                |
| 412C | Sogn loam, 2 to 9 percent slopes                                    | 13.07 | 5.2%             |             | IVs              | 5      | 34               | 34            | 32                    | 24                |
| 480D | Orwood silt loam, 9 to 14 percent slopes                            | 9.72  | 3.8%             |             | IIIe             | 55     | 86               | 86            | 73                    | 76                |
| 499F | Nordness silt loam, 18 to 35 percent slopes                         | 8.02  | 3.2%             |             | VIIIs            | 5      | 10               | 10            | 9                     | 4                 |
| 109C | Backbone fine sandy loam, 5 to 9 percent slopes                     | 7.70  | 3.0%             |             | IVs              | 31     | 58               | 58            | 50                    | 43                |
| 320  | Arenzville silt loam, 0 to 3 percent slopes, occasionally flooded   | 7.53  | 3.0%             |             | IIw              | 75     | 88               | 87            | 75                    | 88                |

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| Code                    | Soil Description   | Acres | Percent of field | CSR2 Legend | Non-Irr Class *c | CSR2**    | *n NCCPI Overall | *n NCCPI Corn  | *n NCCPI Small Grains | *n NCCPI Soybeans |                |
|-------------------------|--|-------|------------------|-------------|------------------|-----------|------------------|----------------|-----------------------|-------------------|----------------|
| 163D2                   | Fayette silt loam, 9 to 14 percent slopes, moderately eroded | 7.46  | 2.9%             |             | IIIe             | 46        | 78               | 78             | 66                    | 62                |                |
| RIVER                   | Water, rivers and streams                                    | 6.01  | 2.4%             |             |                  | 0         |                  |                |                       |                   |                |
| 480F2                   | Orwood silt loam, 14 to 25 percent slopes, moderately eroded | 5.07  | 2.0%             |             | VIe              | 28        | 69               | 69             | 52                    | 53                |                |
| 163E                    | Fayette silt loam, 14 to 18 percent slopes                   | 4.88  | 1.9%             |             | IVe              | 38        | 78               | 78             | 66                    | 65                |                |
| 480D2                   | Orwood silt loam, 9 to 14 percent slopes, moderately eroded  | 3.42  | 1.4%             |             | IIIe             | 52        | 80               | 80             | 67                    | 66                |                |
| 63F                     | Chelsea loamy fine sand, 18 to 25 percent slopes             | 3.36  | 1.3%             |             | VIIe             | 5         | 28               | 28             | 20                    | 17                |                |
| 110D                    | Lamont fine sandy loam, 9 to 14 percent slopes               | 3.23  | 1.3%             |             | IVe              | 22        | 65               | 65             | 59                    | 46                |                |
| 499D                    | Nordness silt loam, 9 to 18 percent slopes                   | 2.71  | 1.1%             |             | VIe              | 5         | 41               | 41             | 35                    | 25                |                |
| 5030                    | Pits, limestone quarry                                       | 2.52  | 1.0%             |             |                  | 0         |                  |                |                       |                   |                |
| 163C2                   | Fayette silt loam, 5 to 9 percent slopes, moderately eroded  | 2.42  | 1.0%             |             | IIIe             | 72        | 81               | 81             | 69                    | 66                |                |
| 110C                    | Lamont fine sandy loam, 5 to 9 percent slopes                | 2.24  | 0.9%             |             | IIIe             | 47        | 68               | 68             | 61                    | 50                |                |
| 163C                    | Fayette silt loam, 5 to 9 percent slopes                     | 2.13  | 0.8%             |             | IIIe             | 75        | 86               | 86             | 75                    | 74                |                |
| 930B                    | Orion silt loam, 2 to 5 percent slopes, occasionally flooded | 1.83  | 0.7%             |             | IIw              | 76        | 88               | 79             | 55                    | 88                |                |
| 63C                     | Chelsea loamy fine sand, 5 to 9 percent slopes               | 1.26  | 0.5%             |             | IVe              | 14        | 50               | 50             | 42                    | 29                |                |
| 915C                    | Rollingstone silt loam, 5 to 9 percent slopes                | 1.06  | 0.4%             |             | IIIe             | 45        | 62               | 62             | 62                    | 60                |                |
| 520                     | Coppock silt loam, 0 to 2 percent slopes                     | 0.47  | 0.2%             |             | IIw              | 84        | 76               | 62             | 41                    | 76                |                |
| <b>Weighted Average</b> |  |       |                  |             |                  | <b>*-</b> | <b>32.3</b>      | <b>*n 51.8</b> | <b>*n 51.2</b>        | <b>*n 43.2</b>    | <b>*n 43.4</b> |

\*\*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.