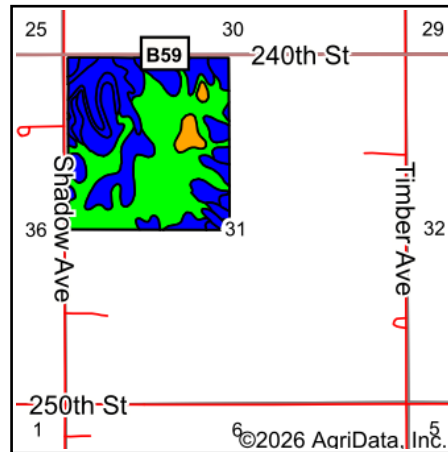
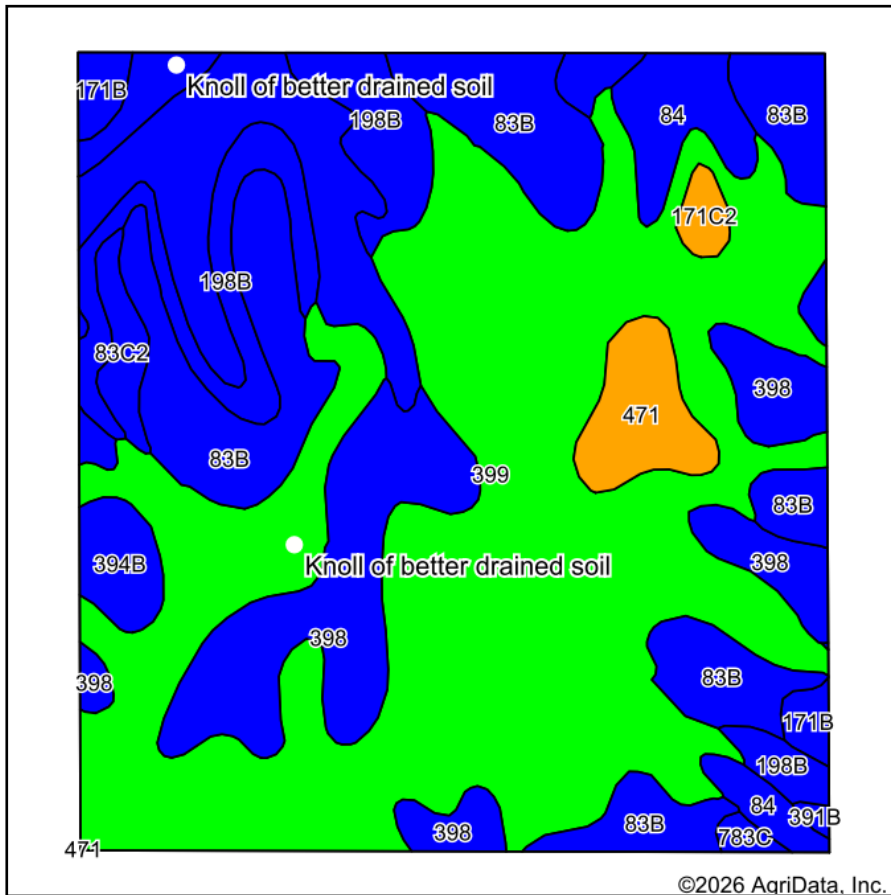


Soils Map



State: **Iowa**
 County: **Floyd**
 Location: **31-95N-15W**
 Township: **St. Charles**
 Acres: **146.43**
 Date: **3/25/2026**



Area Symbol: IA067, Soil Area Version: 31

| Code | Soil Description | Acres | Percent of field | CSR2 Legend | Restrictive Layer | Soil Drainage | Non-Irr Class *c | *j Corn Bu | *i Alfalfa Tons | *i Soybeans Bu | *j Bluegrass Tons | *i Tall Grasses Tons | *i Water-Holding Inch | CSR2** | *n NCCPI Overall |
|------|--|-------|------------------|-------------|-------------------|-------------------------|------------------|------------|-----------------|----------------|-------------------|----------------------|-----------------------|--------|------------------|
| 399 | Readlyn silt loam, 1 to 3 percent slopes | 69.46 | 47.5% | | > 6.5ft. | Somewhat poorly drained | lw | 220.8 | 5.7 | 64.0 | 4.0 | 6.6 | 11.3 | 91 | 80 |
| 83B | Kenyon loam, 2 to 5 percent slopes | 22.21 | 15.2% | | > 6.5ft. | Moderately well drained | lle | 225.6 | 6.3 | 65.4 | 4.1 | 6.8 | 10.1 | 90 | 89 |
| 398 | Tripoli clay loam, 0 to 2 percent slopes | 16.66 | 11.4% | | > 6.5ft. | Poorly drained | llw | 224.0 | 4.7 | 65.0 | 4.0 | 6.7 | 11.2 | 82 | 68 |
| 84 | Clyde silty clay loam, 0 to 3 percent slopes | 15.27 | 10.4% | | > 6.5ft. | Poorly drained | llw | 224.0 | 4.7 | 65.0 | 4.0 | 6.7 | 11.7 | 88 | 90 |
| 198B | Floyd loam, 1 to 4 percent slopes | 12.18 | 8.3% | | > 6.5ft. | Somewhat poorly drained | llw | 222.4 | 5.8 | 64.5 | 4.0 | 6.7 | 10.8 | 89 | 88 |
| 471 | Oran loam, 0 to 2 percent slopes | 3.69 | 2.5% | | > 6.5ft. | Somewhat poorly drained | lw | 217.6 | 5.7 | 63.1 | 3.9 | 6.5 | 11.0 | 79 | 80 |



| Code | Soil Description | Acres | Percent of field | CSR2 Legend | Restrictive Layer | Soil Drainage | Non-Irr Class *c | *j Corn Bu | *j Alfalfa Tons | *j Soybeans Bu | *j Bluegrass Tons | *j Tall Grasses Tons | *j Water-Holding Inch | CSR2** | *n NCCPI Overall | |
|-------------------------|---|-------|------------------|-------------|-------------------|-------------------------|------------------|-------------|-----------------|----------------|-------------------|----------------------|-----------------------|-------------|------------------|----------------|
| 394B | Ostrander loam, 2 to 5 percent slopes | 2.20 | 1.5% | | > 6.5ft. | Well drained | Ile | 225.6 | 6.3 | 65.4 | 4.1 | 6.8 | 11.5 | 88 | 77 | |
| 171B | Bassett loam, 2 to 5 percent slopes | 1.65 | 1.1% | | > 6.5ft. | Moderately well drained | Ile | 212.8 | 6.0 | 61.7 | 3.8 | 6.4 | 11.1 | 85 | 86 | |
| 83C2 | Kenyon loam, 5 to 9 percent slopes, eroded | 1.62 | 1.1% | | > 6.5ft. | Moderately well drained | Ille | 204.8 | 5.7 | 59.4 | 3.7 | 6.1 | 10.1 | 84 | 82 | |
| 171C2 | Bassett loam, 5 to 9 percent slopes, eroded | 0.86 | 0.6% | | > 6.5ft. | Moderately well drained | Ille | 192.0 | 5.4 | 55.7 | 3.5 | 5.8 | 11.1 | 77 | 79 | |
| 783C | Cresco loam, 5 to 9 percent slopes | 0.44 | 0.3% | | > 6.5ft. | Moderately well drained | Ille | 80.0 | 2.2 | 23.2 | 1.4 | 2.4 | 11.0 | 81 | 85 | |
| 391B | Clyde-Floyd complex, 1 to 4 percent slopes | 0.19 | 0.1% | | > 6.5ft. | Poorly drained | Ilw | 216.0 | 4.5 | 62.6 | 3.9 | 6.5 | 11.2 | 87 | 89 | |
| Weighted Average | | | | | | | | 1.52 | 221.5 | 5.6 | 64.2 | 4 | 6.6 | 11.1 | 88.7 | *n 81.8 |

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

*j 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

| Symbol | Name | Description |
|--------|------------------------------|---|
| WDR | Knoll of better drained soil | A knoll of better drained soil that is at least two drainage classes drier than the named soils in the surrounding map unit. Typically .5 to 2 acres. |