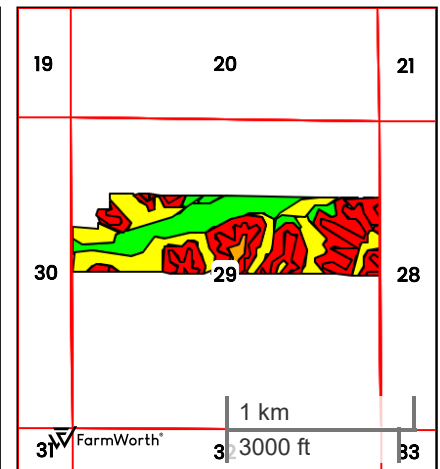
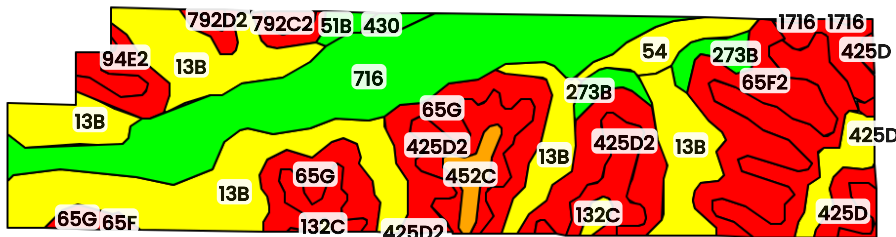


## TOTAL SOILS



County: Lucas County, IA

Location: 29-73N-22W

Township: **Liberty**

|        |        |
|--------|--------|
| Acres: | 153.00 |
|--------|--------|

Date: 09/04/2026



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| Code                                                                                      | Description                                                                   | Acres | % of field | IA CSR2 | Overall NCCPI | Soil Class (Irr) | Soil Class (Non-Irr) | Drainage Class          |
|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-------|------------|---------|---------------|------------------|----------------------|-------------------------|
| 13B    | Zook-Olmitz-Vesser complex, 0 to 5 percent slopes                             | 40.67 | 26.58 %    | 68      | 77            | -                | 2                    | Poorly drained          |
| 716    | Lawson-Quiver-Nodaway complex, 0 to 2 percent slopes, occasionally flooded    | 29.80 | 19.47 %    | 78      | 92            | -                | 2                    | Poorly drained          |
| 65G    | Lindley loam, 25 to 40 percent slopes                                         | 26.15 | 17.09 %    | 7       | 16            | -                | 7                    | Well drained            |
| 425D2  | Keswick clay loam, 9 to 14 percent slopes, moderately eroded                  | 20.22 | 13.21 %    | 8       | 51            | -                | 4                    | Somewhat poorly drained |
| 65F2   | Lindley loam, 18 to 25 percent slopes, moderately eroded                      | 10.80 | 7.06 %     | 10      | 52            | -                | 7                    | Well drained            |
| 54     | Zook silty clay loam, heavy till, 0 to 2 percent slopes, occasionally flooded | 3.69  | 2.41 %     | 68      | 74            | -                | 2                    | Poorly drained          |
| 273B   | Olmitz loam, heavy till, 2 to 5 percent slopes                                | 3.40  | 2.22 %     | 81      | 91            | -                | 2                    | Moderately well drained |
| 131C   | Pershing silt loam, 5 to 9 percent slopes                                     | 3.15  | 2.06 %     | 65      | 73            | -                | 3                    | Somewhat poorly drained |
| 94E2   | Mystic-caleb complex, 14 to 18 percent slopes, moderately eroded              | 2.88  | 1.88 %     | 17      | 65            | -                | 6                    | Somewhat poorly drained |
| 425D   | Keswick loam, 9 to 14 percent slopes                                          | 2.53  | 1.65 %     | 8       | 62            | -                | 4                    | Somewhat poorly drained |
| 592D2  | Mystic clay loam, 9 to 14 percent slopes, moderately eroded                   | 2.50  | 1.64 %     | 10      | 66            | -                | 4                    | Somewhat poorly drained |
| 452C   | Lineville silt loam, 5 to 9 percent slopes                                    | 2.11  | 1.38 %     | 48      | 75            | -                | 3                    | Somewhat poorly drained |
| 179E2  | Gara clay loam, 14 to 18 percent slopes, moderately eroded                    | 1.01  | 0.66 %     | 23      | 62            | -                | 6                    | Well drained            |

| Code     |                                                                                   | Description                                                                         | Acres | % of field | IA CSR2 | Overall NCCPI | Soil Class (Irr) | Soil Class (Non-Irr) | Drainage Class          |
|----------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------|------------|---------|---------------|------------------|----------------------|-------------------------|
| 51B      |  | Vesser silt loam, 2 to 5 percent slopes, rarely flooded                             | 0.91  | 0.60 %     | 75      | 94            | -                | 2                    | Poorly drained          |
| 430      |  | Ackmore silt loam, heavy till, 0 to 2 percent slopes, occasionally flooded          | 0.84  | 0.55 %     | 77      | 92            | -                | 2                    | Somewhat poorly drained |
| 132C     |  | Weller silt loam, 5 to 9 percent slopes                                             | 0.77  | 0.50 %     | 59      | 88            | -                | 3                    | Moderately well drained |
| 792C2    |  | Armstrong clay loam, 5 to 9 percent slopes, moderately eroded                       | 0.74  | 0.48 %     | 24      | 59            | -                | 3                    | Somewhat poorly drained |
| 792D2    |  | Armstrong clay loam, 9 to 14 percent slopes, moderately eroded                      | 0.33  | 0.22 %     | 5       | 58            | -                | 4                    | Somewhat poorly drained |
| 65F      |  | Lindley loam, 18 to 25 percent slopes                                               | 0.31  | 0.20 %     | 17      | 57            | -                | 7                    | Well drained            |
| 1716     |  | Lawson-Quiver-Nodaway complex, 0 to 2 percent slopes, channeled, frequently flooded | 0.19  | 0.12 %     | 11      | 19            | -                | 5                    | Very poorly drained     |
| Average: |                                                                                   |                                                                                     |       |            | 43.8    | 63.7          |                  |                      |                         |

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

Soils data provided by USDA and NRCS.