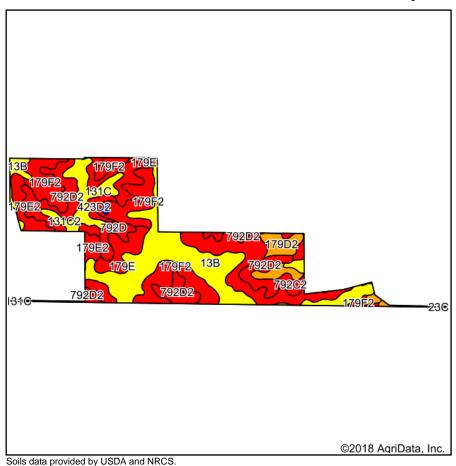
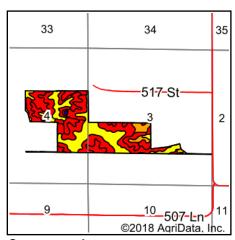
## Soils Map





State: Iowa
County: Lucas
Location: 3-72N-23W
Township: Jackson
Acres: 209

Date: 8/22/2018







Area Symbol: IA117, Soil Area Version: 25 CSR2 CSR2\*\* NCCPI NCCPI NCCPI CSR Code Soil Description Percent Non-Irr Acres of field Legend Class \*c Corn Soybeans Overall Corn Small Grains 13B Zook-Olmitz-Vesser complex, 0 to 5 percent 49.25 23.6% llw 200 58 68 53 80 79 14 179F2 Gara clay loam, 18 to 25 percent slopes, 38.44 18.4% IVe 115.2 33.4 11 13 46 46 26 moderately eroded 792D2 Armstrong clay loam, 9 to 14 percent slopes, 31.98 15.3% IVe 88 25.5 5 13 51 51 38 moderately eroded 179E2 Gara clay loam, 14 to 18 percent slopes, 31.75 15.2% Vle 139.2 40.4 23 33 55 55 38 moderately eroded 179E 13.03 6.2% 41.8 68 68 Gara loam, 14 to 18 percent slopes Vle 144 24 35 55 131C 11.49 Ille 80 23.2 65 49 72 72 44 Pershing silt loam, 5 to 9 percent slopes 5.5% 792D 10.26 4.9% 99.2 28.8 28 18 70 70 43 Armstrong loam, 9 to 14 percent slopes IVe 179D2 6.54 3.1% IVe 163.2 47.3 45 43 64 64 44 Gara clay loam, 9 to 14 percent slopes, moderately eroded 423D2 Bucknell silty clay loam, 9 to 14 percent slopes, 4.41 2 1% IVe 97.6 28.3 13 60 60 35 moderately eroded 452C2 Lineville silt loam, 5 to 9 percent slopes, 27 3.49 1.7% IIIe 80 23.2 46 31 64 64 moderately eroded 792C2 Armstrong clay loam, 5 to 9 percent slopes, 3.14 1.5% Ille 123.2 35.7 24 27 53 53 34 moderately eroded 131C2 Pershing silty clay loam, 5 to 9 percent slopes, 2.53 1.2% Ille 80 23.2 62 45 59 59 35 moderately eroded 23C2 Arispe silty clay loam, 5 to 9 percent slopes, 1.51 0.7% Ille 80 23.2 62 50 82 49 moderately eroded W Water 0.53 0.3% 0 0 0 0 0 223C2 45 Rinda silty clay loam, 5 to 9 percent slopes, 0.43 0.2% IVw 126.4 36.7 22 54 54 16 moderately eroded 78 364B 0.15 0.1% lle 80 23.2 72 75 78 44 Grundy silty clay loam, 2 to 5 percent slopes 131B Pershing silt loam, 2 to 5 percent slopes 0.07 0.0% Ille 80 23.2 70 67 73 73 45



Weighted Average	133.4	38.7	32.8	31.2	61.7	61.5	31.6
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 $<sup>\</sup>ensuremath{^{**}\text{IA}}$  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.

\*c: Using Capabilities Class Dominant Condition Aggregation Method

Soils data provided by USDA and NRCS.