

Leaching Index

Crawford County, Kansas

| Map Symbol | Soil Name | Map Unit Name | Hydrologic Group | OM % | kfact | Leaching Potential |
|------------|-----------|---|------------------|------|-------|--------------------|
| 8050 | Girard | Girard silty clay loam, frequently flooded | D | 3.00 | 0.37 | High |
| 8100 | Hepler | Hepler silt loam, frequently flooded | C/D | 3.00 | 0.37 | High |
| 8101 | Hepler | Hepler silt loam, occasionally flooded | C | 0.75 | 0.37 | Intermediate |
| 8150 | Lanton | Lanton silt loam, occasionally flooded | C | 3.00 | 0.37 | High |
| 8160 | Leanna | Leanna silt loam, occasionally flooded | D | 3.00 | 0.32 | High |
| 8180 | McCune | McCune silt loam, occasionally flooded | D | 0.60 | 0.37 | High |
| 8200 | Osage | Osage clay, occasionally flooded | D | 3.50 | 0.28 | High |
| 8240 | Radley | Radley silt loam, occasionally flooded | B | 2.00 | 0.32 | Low |
| 8241 | Hepler | Radley-Hepler silt loams, frequently flooded | C | 0.75 | 0.37 | Low |
| 8241 | Radley | Radley-Hepler silt loams, frequently flooded | B | 2.00 | 0.32 | Low |
| 8300 | Verdigris | Verdigris silt loam, channeled, 0 to 2 percent slopes, frequently flooded | B | 3.00 | 0.37 | Low |
| 8302 | Verdigris | Verdigris silt loam, occasionally flooded | B | 3.00 | 0.32 | Low |
| 8460 | Cherokee | Cherokee silt loam, 0 to 1 percent slopes | D | 1.75 | 0.49 | High |
| 8621 | Bates | Bates loam, 1 to 3 percent slopes | C | 2.50 | 0.28 | Low |
| 8622 | Bates | Bates loam, 1 to 3 percent slopes, eroded | B | 1.50 | 0.32 | Low |
| 8623 | Bates | Bates loam, 3 to 7 percent slopes | C | 2.50 | 0.28 | Low |
| 8624 | Bates | Bates loam, 3 to 7 percent slopes, eroded | C | 2.50 | 0.28 | Low |
| 8630 | Brazilton | Brazilton silty clay loam, 1 to 3 percent slopes | D | 2.00 | 0.37 | Low |
| 8657 | Clareson | Clareson stony silty clay loam, 1 to 3 percent slopes | C | 3.50 | 0.32 | Low |
| 8670 | Coalvale | Coalvale silty clay, 1 to 5 percent slopes | D | 4.00 | 0.15 | Low |
| 8679 | Dennis | Dennis silt loam, 1 to 3 percent slopes | C | 2.50 | 0.43 | Low |
| 8681 | Dennis | Dennis silt loam, 1 to 3 percent slopes, eroded | C | 0.75 | 0.37 | Low |
| 8683 | Dennis | Dennis silt loam, 3 to 7 percent slopes | C | 2.00 | 0.43 | Low |
| 8685 | Dennis | Dennis silt loam, 3 to 7 percent slopes, eroded | C | 0.50 | 0.37 | Low |
| 8693 | Dennis | Dennis silty clay loam, 3 to 7 percent slopes, severely eroded | C | 0.25 | 0.37 | Low |
| 8705 | Dennis | Dennis-Parsons silt loams, 1 to 3 percent slopes | C | 2.50 | 0.43 | Low |

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| 8705 | Parsons | Dennis-Parsons silt loams, 1 to 3 percent slopes | D | 1.75 | 0.49 | Low |
| 8733 | Eram | Eram silty clay loam, 1 to 3 percent slopes | C | 2.00 | 0.37 | Intermediate |
| 8735 | Eram | Eram silty clay loam, 3 to 7 percent slopes | C | 2.00 | 0.37 | Intermediate |
| 8749 | Collinsville | Eram-Collinsville complex, 5 to 15 percent slopes | D | 2.00 | 0.28 | High |
| 8749 | Eram | Eram-Collinsville complex, 5 to 15 percent slopes | C | 2.00 | 0.37 | High |
| 8755 | Lebo | Eram-Lebo silty clay loams, 5 to 20 percent slopes | B | 2.00 | 0.32 | Intermediate |
| 8755 | Eram | Eram-Lebo silty clay loams, 5 to 20 percent slopes | C | 2.00 | 0.37 | Intermediate |
| 8761 | Shidler | Eram-Shidler silty clay loams, 4 to 15 percent slopes | D | 3.00 | 0.32 | High |
| 8761 | Eram | Eram-Shidler silty clay loams, 4 to 15 percent slopes | C | 2.00 | 0.37 | High |
| 8771 | Kanima | Kanima silty clay loam, 15 to 50 percent slopes | C | 0.75 | 0.24 | Low |
| 8775 | Kenoma | Kenoma silt loam, 1 to 3 percent slopes | D | 3.25 | 0.43 | High |
| 8863 | Parsons | Parsons silt loam, 0 to 1 percent slopes | D | 3.30 | 0.43 | High |
| 8864 | Parsons | Parsons silt loam, 1 to 3 percent slopes | D | 1.75 | 0.49 | High |
| 8865 | Parsons | Parsons silt loam, 1 to 3 percent slopes, eroded | D | 1.00 | 0.49 | High |
| 8870 | Ringo | Ringo complex, 8 to 15 percent slopes | D | 3.00 | 0.28 | Low |
| 8870 | Clareson | Ringo complex, 8 to 15 percent slopes | C | 3.50 | 0.32 | Low |
| 8873 | Ringo | Ringo silty clay, 3 to 8 percent slopes | D | 3.00 | 0.28 | Low |
| 8874 | Ringo | Ringo silty clay, 3 to 8 percent slopes, eroded | D | 1.50 | 0.28 | Low |
| 8875 | Clareson | Ringo-Clareson complex, 8 to 15 percent slopes | C | 3.50 | 0.32 | Low |
| 8875 | Ringo | Ringo-Clareson complex, 8 to 15 percent slopes | D | 3.00 | 0.28 | Low |
| 8990 | Zaar | Zaar silty clay, 0 to 1 percent slopes | D | 3.00 | 0.28 | Intermediate |
| 8991 | Zaar | Zaar silty clay, 1 to 3 percent slopes | D | 3.00 | 0.28 | Intermediate |
| 8992 | Zaar | Zaar silty clay, 3 to 7 percent slopes | D | 3.00 | 0.28 | Intermediate |
| 9211 | Bolivar | Bolivar-Hector complex, 5 to 15 percent slopes | B | 1.75 | 0.37 | Intermediate |
| 9211 | Hector | Bolivar-Hector complex, 5 to 15 percent slopes | D | 1.25 | 0.37 | Intermediate |

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| MT850B | Wagstaff | Wagstaff silty clay loam, 1 to 3 percent slopes | D | 5.00 | 0.28 | Low |
| MT851 B | Wagstaff | Wagstaff silty clay loam, 1 to 3 percent slopes, eroded | C | 5.00 | 0.32 | Low |
| MT855 B | Clareson | Wagstaff-Clareson complex, 1 to 3 percent slopes | B | 2.50 | 0.37 | Low |
| MT855 B | Wagstaff | Wagstaff-Clareson complex, 1 to 3 percent slopes | C | 5.00 | 0.32 | Low |
| MT857C | Shidler | Wagstaff-Shidler complex, 1 to 8 percent slopes | D | 3.00 | 0.32 | Low |
| MT857C | Wagstaff | Wagstaff-Shidler complex, 1 to 8 percent slopes | C | 5.00 | 0.32 | Low |

This report produces Leaching Index Values (1, 2 and 3) suitable for use as described in Part 539.58 - National Ranking Factor N2, Subfactor B in the CRP Manual.

The values 1, 2 and 3 are derived by using the same algorithm included in the SSSD RV Generator to produce values 1, 2, 3 and 4 but this report reverses the order of meaning and combines values 3 and 4. Thus, this report correctly reports 1 as low, 2 as medium, and 3 as high. These values are ready for use in determining signup scores for National ranking subfactor N2 without further code conversion.