

Leaching Index

Sedgwick County, Kansas

| Map Symbol | Soil Name | Map Unit Name | Hydrologic Group | OM % | kfact | Leaching Potential |
|------------|-----------|---|------------------|------|-------|--------------------|
| 2152 | Lesho | Lesho clay loam, occasionally flooded | C | 2.00 | 0.28 | Intermediate |
| 3725 | Detroit | Detroit silty clay loam, rarely flooded | C | 3.00 | 0.37 | Low |
| 3800 | Crete | Crete silt loam, 0 to 1 percent slopes, loess plains and breaks | C | 3.00 | 0.37 | Low |
| 3801 | Crete | Crete silt loam, 1 to 3 percent slopes, loess plains and breaks | C | 3.00 | 0.37 | Low |
| 3843 | Geary | Geary silt loam, 1 to 3 percent slopes | C | 3.00 | 0.37 | Low |
| 3857 | Goessel | Goessel silty clay, 0 to 1 percent slopes | D | 2.50 | 0.28 | Intermediate |
| 3858 | Goessel | Goessel silty clay, 1 to 3 percent slopes | D | 2.50 | 0.28 | Intermediate |
| 3890 | Ladysmith | Ladysmith silty clay loam, 0 to 1 percent slopes | D | 3.00 | 0.37 | Intermediate |
| 3891 | Ladysmith | Ladysmith silty clay loam, 1 to 3 percent slopes | D | 3.00 | 0.37 | Intermediate |
| 3911 | Rosehill | Rosehill silty clay, 1 to 3 percent slopes | D | 2.00 | 0.28 | Low |
| 3921 | Smolan | Smolan silty clay loam, 1 to 3 percent slopes | C | 3.00 | 0.37 | Low |
| 3930 | Irwin | Urban land-Irwin complex, 1 to 3 percent slopes | D | 3.00 | 0.37 | Low |
| 4570 | Clime | Clime silty clay, 3 to 7 percent slopes | C | 2.50 | 0.28 | Low |
| 4671 | Irwin | Irwin silty clay loam, 1 to 3 percent slopes | D | 3.00 | 0.37 | Low |
| 4673 | Irwin | Irwin silty clay loam, 3 to 7 percent slopes | D | 3.00 | 0.37 | Low |
| 4674 | Irwin | Irwin silty clay loam, 3 to 7 percent slopes, eroded | D | 1.50 | 0.37 | Low |
| 5324 | Kaski | Kaski loam, occasionally flooded | B | 2.00 | 0.28 | Low |
| 5464 | Wellsford | Wellsford-Rock outcrop complex, 3 to 10 percent slopes | D | 1.25 | 0.32 | Low |
| 5480 | Wellsford | Wellsford clay loam, 1 to 3 percent slopes | D | 1.25 | 0.32 | Low |
| 5550 | Imano | Imano clay loam, occasionally flooded | C | 2.00 | 0.28 | Intermediate |
| 5560 | Ninnescah | Kanza-Ninnescah sandy loams, frequently flooded | B | 3.80 | 0.2 | High |
| 5560 | Kanza | Kanza-Ninnescah sandy loams, frequently flooded | D | 2.00 | 0.2 | High |
| 5633 | Plevna | Plevna fine sandy loam, frequently flooded | D | 2.50 | 0.2 | High |
| 5670 | Waldeck | Waldeck fine sandy loam, occasionally flooded | C | 1.50 | 0.2 | Intermediate |

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| 5672 | Waldeck | Waldeck sandy loam, occasionally flooded | C | 1.50 | 0.2 | Intermediate |
| 5675 | Willowbrook | Willowbrook fine sandy loam, occasionally flooded | B | 1.67 | 0.2 | Intermediate |
| 5832 | Taver | Punkin-Taver complex, 0 to 1 percent slopes | D | 2.00 | 0.28 | Low |
| 5832 | Punkin | Punkin-Taver complex, 0 to 1 percent slopes | D | 2.00 | 0.43 | Low |
| 5836 | Farnum | Urban land-Farnum complex, 0 to 3 percent slopes | B | 2.00 | 0.28 | Low |
| 5841 | Tabler | Urban land-Tabler complex, 0 to 1 percent slopes | D | 2.00 | 0.37 | Low |
| 5845 | Yaggy | Yaggy fine sandy loam, 0 to 1 percent slopes | C | 0.81 | 0.2 | High |
| 5850 | Shellabarger | Albion and Shellabarger sandy loams, 6 to 15 percent slopes | B | 1.50 | 0.2 | Intermediate |
| 5850 | Albion | Albion and Shellabarger sandy loams, 6 to 15 percent slopes | B | 1.25 | 0.2 | Intermediate |
| 5856 | Albion | Albion sandy loam, 6 to 15 percent slopes | B | 1.25 | 0.2 | Intermediate |
| 5858 | Shellabarger | Albion-Shellabarger sandy loams, 1 to 3 percent slopes | B | 1.50 | 0.2 | Intermediate |
| 5858 | Albion | Albion-Shellabarger sandy loams, 1 to 3 percent slopes | B | 1.25 | 0.2 | Intermediate |
| 5867 | Avans | Avans loam, 0 to 1 percent slopes | B | 3.00 | 0.37 | Intermediate |
| 5868 | Avans | Avans loam, 1 to 3 percent slopes | B | 3.00 | 0.37 | Intermediate |
| 5869 | Avans | Avans loam, 3 to 7 percent slopes | B | 3.00 | 0.37 | Intermediate |
| 5879 | Ost | Clark-Ost clay loams, 1 to 3 percent slopes | B | 2.00 | 0.32 | Intermediate |
| 5879 | Clark | Clark-Ost clay loams, 1 to 3 percent slopes | B | 1.50 | 0.28 | Intermediate |
| 5886 | Farnum | Farnum and Funmar loams, 0 to 1 percent slopes | B | 2.00 | 0.37 | Intermediate |
| 5886 | Funmar | Farnum and Funmar loams, 0 to 1 percent slopes | C | 2.00 | 0.32 | Intermediate |
| 5892 | Farnum | Farnum loam, 0 to 1 percent slopes | B | 2.00 | 0.28 | Low |
| 5893 | Farnum | Farnum loam, 1 to 3 percent slopes | B | 2.00 | 0.28 | Low |
| 5896 | Shellabarger | Nalim-Shellabarger sandy loams, 0 to 1 percent slopes | B | 1.00 | 0.24 | Low |

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| 5896 | Nalim | Nalim-Shellabarger sandy loams, 0 to 1 percent slopes | C | 2.00 | 0.28 | Low |
| 5908 | Nalim | Nalim loam, 0 to 1 percent slopes | C | 2.00 | 0.32 | Low |
| 5924 | Clark | Ost-Clark loams, 1 to 3 percent slopes | B | 1.90 | 0.28 | Low |
| 5924 | Ost | Ost-Clark loams, 1 to 3 percent slopes | B | 2.30 | 0.28 | Low |
| 5925 | Penalosa | Penalosa silt loam, 0 to 1 percent slopes | C | 2.15 | 0.37 | Low |
| 5926 | Penalosa | Penalosa silt loam, 1 to 3 percent slopes | C | 2.15 | 0.37 | Low |
| 5928 | Pratt | Pratt loamy fine sand, 1 to 5 percent slopes | A | 0.70 | 0.28 | High |
| 5941 | Tivoli | Pratt-Tivoli loamy fine sands, 5 to 15 percent slopes | A | 0.22 | 0.15 | High |
| 5941 | Pratt | Pratt-Tivoli loamy fine sands, 5 to 15 percent slopes | A | 0.75 | 0.17 | High |
| 5943 | Naron | Saltcreek and Naron fine sandy loams, 0 to 1 percent slopes | B | 2.00 | 0.28 | Low |
| 5943 | Saltcreek | Saltcreek and Naron fine sandy loams, 0 to 1 percent slopes | C | 1.00 | 0.28 | Low |
| 5956 | Shellabarger | Shellabarger sandy loam, 1 to 3 percent slopes | B | 1.50 | 0.2 | Low |
| 5957 | Shellabarger | Shellabarger sandy loam, 3 to 6 percent slopes | B | 1.50 | 0.2 | Low |
| 5958 | Shellabarger | Shellabarger sandy loam, 3 to 6 percent slopes, eroded | B | 1.50 | 0.2 | Low |
| 5960 | Shellabarger | Shellabarger-Nalim complex, 1 to 3 percent slopes | B | 1.00 | 0.24 | Intermediate |
| 5960 | Nalim | Shellabarger-Nalim complex, 1 to 3 percent slopes | C | 1.00 | 0.32 | Intermediate |
| 5967 | Tabler | Tabler silty clay loam, 0 to 1 percent slopes | D | 2.00 | 0.37 | Low |
| 5970 | Taver | Taver loam, 0 to 1 percent slopes | D | 2.00 | 0.28 | Low |
| 5976 | Vanoss | Vanoss silt loam, 0 to 1 percent slopes | B | 2.00 | 0.37 | Low |
| 5977 | Vanoss | Vanoss silt loam, 1 to 3 percent slopes | B | 2.00 | 0.37 | Low |
| 5978 | Vanoss | Vanoss silt loam, 3 to 7 percent slopes | B | 2.00 | 0.37 | Low |
| 5979 | Vanoss | Vanoss silt loam, 3 to 7 percent slopes, eroded | B | 1.00 | 0.37 | Intermediate |
| 5982 | Nalim | Nalim loam, 1 to 3 percent slopes | C | 2.00 | 0.32 | Low |

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| 6051 | Elandco | Elandco silt loam, frequently flooded | B | 2.00 | 0.37 | Low |
| 6052 | Elandco | Elandco silt loam, occasionally flooded | B | 2.00 | 0.37 | Low |
| 6057 | Lincoln | Lincoln loamy sand, occasionally flooded | A | 0.50 | 0.17 | High |
| 6060 | Lincoln | Lincoln soils, frequently flooded | A | 0.50 | 0.2 | High |
| 6220 | Brewer | Brewer silty clay loam, rarely flooded | C | 2.00 | 0.37 | Low |
| 6224 | Canadian | Canadian fine sandy loam, rarely flooded | B | 2.00 | 0.2 | Intermediate |
| 6228 | Canadian | Canadian-Waldeck fine sandy loams, rarely flooded | B | 2.00 | 0.2 | Intermediate |
| 6228 | Waldeck | Canadian-Waldeck fine sandy loams, rarely flooded | C | 1.50 | 0.2 | Intermediate |
| 6236 | Reinach | Dale and Reinach silt loams, rarely flooded | B | 2.00 | 0.37 | Low |
| 6236 | Dale | Dale and Reinach silt loams, rarely flooded | B | 2.00 | 0.37 | Low |
| 6244 | Elandco | Elandco silt loam, rarely flooded | B | 2.00 | 0.37 | Low |
| 6246 | Elandco | Elandco silty clay loam, rarely flooded | B | 2.00 | 0.37 | Low |
| 6250 | Canadian | Urban land-Canadian complex, 0 to 3 percent slopes | B | 2.00 | 0.2 | Intermediate |
| 6252 | Elandco | Urban land-Elandco complex, 0 to 1 percent slopes | B | 2.00 | 0.37 | Low |
| 6254 | Waurika | Waurika silt loam, 0 to 1 percent slopes | D | 2.00 | 0.37 | High |
| 6320 | Bethany | Bethany silt loam, 0 to 1 percent slopes | C | 2.00 | 0.37 | Low |
| 6321 | Bethany | Bethany silt loam, 1 to 3 percent slopes | C | 2.00 | 0.37 | Low |
| 6322 | Blanket | Blanket silt loam, 0 to 1 percent slopes | C | 2.00 | 0.37 | Low |
| 6323 | Blanket | Blanket silt loam, 1 to 3 percent slopes | C | 2.00 | 0.37 | Low |
| 6330 | Carwile | Carwile fine sandy loam, 0 to 1 percent slopes | D | 2.00 | 0.24 | High |
| 6346 | Jamash | Jamash clay loam, 0 to 8 percent slopes | D | 2.56 | 0.37 | Low |
| 6347 | Jamash | Jamash-Piedmont clay loams, 0 to 1 percent slopes | D | 2.56 | 0.37 | Low |
| 6347 | Piedmont | Jamash-Piedmont clay loams, 0 to 1 percent slopes | D | 2.10 | 0.37 | Low |

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| 6348 | Piedmont | Jamash-Piedmont clay loams, 1 to 3 percent slopes | D | 2.10 | 0.37 | Low |
| 6348 | Jamash | Jamash-Piedmont clay loams, 1 to 3 percent slopes | D | 2.56 | 0.37 | Low |
| 6364 | Milan | Milan clay loam, 3 to 6 percent slopes, eroded | B | 2.00 | 0.28 | Intermediate |
| 6369 | Milan | Milan loam, 1 to 3 percent slopes | B | 2.00 | 0.28 | Low |
| 6370 | Milan | Milan loam, 3 to 6 percent slopes | B | 2.00 | 0.28 | Low |
| 6419 | Renfrow | Renfrow silty clay loam, 1 to 3 percent slopes | D | 2.00 | 0.43 | Low |
| 6420 | Renfrow | Renfrow silty clay loam, 3 to 6 percent slopes | D | 2.00 | 0.43 | Low |
| 6423 | Renfrow | Renfrow-Wellsford clay loams, 1 to 4 percent slopes | D | 2.00 | 0.43 | Low |
| 6423 | Wellsford | Renfrow-Wellsford clay loams, 1 to 4 percent slopes | D | 1.25 | 0.32 | Low |
| 6442 | Vernon | Vernon sandy loam, 1 to 3 percent slopes | D | 1.25 | 0.2 | Low |
| 6443 | Vernon | Vernon sandy loam, 3 to 7 percent slopes | D | 1.25 | 0.2 | Low |
| 9970 | Aquolls | Aquolls | B/D | | | High |

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.