

Leaching Index

Douglas County, Kansas

Map Symbol	Soil Name	Map Unit Name	Hydrologic Group	OM %	kfact	Leaching Potential
4752	Vinland	Sogn-Vinland complex, 3 to 25 percent slopes	D	3.00	0.32	Low
4752	Sogn	Sogn-Vinland complex, 3 to 25 percent slopes	D	2.00	0.32	Low
7031	Eudora	Eudora silt loam, occasionally flooded	B	1.75	0.32	Intermediate
7035	Eudora	Eudora-Bismarckgrove fine sandy loams, overwash, occasionally flooded	B	1.20	0.2	Intermediate
7035	Bismarckgrove	Eudora-Bismarckgrove fine sandy loams, overwash, occasionally flooded	B	1.20	0.2	Intermediate
7036	Bismarckgrove	Eudora-Bismarckgrove silt loams, occasionally flooded	B	2.50	0.32	Intermediate
7036	Eudora	Eudora-Bismarckgrove silt loams, occasionally flooded	B	1.75	0.32	Intermediate
7050	Kennebec	Kennebec silt loam, occasionally flooded	C	3.00	0.37	Intermediate
7051	Kennebec	Kennebec silt loam, frequently flooded	B	4.00	0.28	Intermediate
7055	Kimo	Kimo silty clay loam, occasionally flooded	C	3.00	0.37	Intermediate
7088	Stonehouse	Stonehouse sand, occasionally flooded	A	0.50	0.15	High
7089	Eudora	Stonehouse-Eudora fine sandy loams, overwash, occasionally flooded	B	1.20	0.2	High
7089	Stonehouse	Stonehouse-Eudora fine sandy loams, overwash, occasionally flooded	A	1.20	0.2	High
7090	Wabash	Wabash silty clay loam, occasionally flooded	D	3.00	0.37	High
7091	Wabash	Wabash silty clay, occasionally flooded	D	3.00	0.28	High
7105	Belvue	Belvue silt loam, escarpment, 2 to 12 percent slopes	B	1.00	0.32	Intermediate
7106	Bismarckgrove	Eudora-Bismarckgrove silt loams, rarely flooded	B	2.50	0.32	Intermediate
7106	Eudora	Eudora-Bismarckgrove silt loams, rarely flooded	B	1.75	0.32	Intermediate
7107	Bismarckgrove	Bismarckgrove-Kimo complex, rarely flooded	B	2.50	0.32	Intermediate
7107	Kimo	Bismarckgrove-Kimo complex, rarely flooded	C	3.00	0.37	Intermediate
7119	Eudora	Eudora-Urban land complex, rarely flooded	B	1.75	0.32	Intermediate
7123	Eudora	Eudora silt loam, rarely flooded	B	1.75	0.32	Intermediate
7127	Kimo	Eudora-Kimo complex, overwash, rarely flooded	C	3.00	0.37	Intermediate

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7127	Eudora	Eudora-Kimo complex, overwash, rarely flooded	B	1.50	0.32	Intermediate
7128	Eudora	Eudora-Kimo complex, rarely flooded	B	1.50	0.32	Intermediate
7128	Kimo	Eudora-Kimo complex, rarely flooded	C	1.50	0.24	Intermediate
7155	Kimo	Kimo silty clay loam, rarely flooded	C	3.00	0.37	Intermediate
7170	Reading	Reading silt loam, rarely flooded	B	3.00	0.32	Low
7173	Reading	Reading silty clay loam, rarely flooded	B	3.00	0.32	Low
7176	Rossville	Rossville silt loam, very rarely flooded	B	2.50	0.28	Intermediate
7208	Muscotah	Muscotah silty clay loam, very rarely flooded	D	3.00	0.37	High
7210	Basehor	Basehor complex, 5 to 30 percent slopes	D	0.75	0.32	Low
7213	Reading	Reading silt loam, moderately wet, very rarely flooded	B	3.00	0.32	Intermediate
7214	Eudora	Eudora silt loam, very rarely flooded	B	1.75	0.32	Intermediate
7230	Elmont	Elmont loam, 3 to 7 percent slopes	B	3.00	0.32	Low
7260	Gymer	Gymer silt loam, 1 to 3 percent slopes	C	3.00	0.32	Low
7261	Gymer	Gymer silt loam, 3 to 7 percent slopes	C	3.00	0.32	Low
7271	Falleaf	Falleaf-Grinter soils, 8 to 20 percent slopes	B	2.00	0.28	Low
7271	Grinter	Falleaf-Grinter soils, 8 to 20 percent slopes	A	2.10	0.05	Low
7280	Wabash	Wabash silty clay, very rarely flooded	D	3.00	0.28	High
7301	Martin	Martin silty clay loam, 1 to 3 percent slopes	C	3.00	0.37	Intermediate
7302	Martin	Martin silty clay loam, 3 to 7 percent slopes	C	3.00	0.37	Intermediate
7304	Martin	Martin silty clay loam, 7 to 12 percent slopes	C	3.00	0.37	Intermediate
7305	Martin	Martin silty clay loam, 7 to 12 percent slopes, eroded	D	3.00	0.32	High
7307	Martin	Martin soils, 3 to 7 percent slopes, eroded	C	2.50	0.37	Intermediate
7325	Oska	Martin-Oska silty clay loams, 3 to 6 percent slopes	C	2.50	0.37	Low
7325	Martin	Martin-Oska silty clay loams, 3 to 6 percent slopes	C	3.00	0.37	Low
7423	Morrill	Morrill clay loam, 3 to 7 percent slopes	B	3.00	0.28	Low

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7425	Morrill	Morrill clay loam, 7 to 12 percent slopes	B	3.00	0.28	Low
7433	Morrill	Morrill loam, 3 to 7 percent slopes	B	2.50	0.28	Low
7440	Morrill	Morrill-Gravelly Land complex, 4 to 12 percent slopes	B	2.00	0.2	Intermediate
7441	Morrill	Morrill-gravelly loam, 4 to 20 percent slopes, stony	B	3.00	0.24	Low
7460	Oska	Oska silty clay loam, 3 to 6 percent slopes	C	2.50	0.37	Low
7461	Oska	Oska silty clay loam, 3 to 8 percent slopes, eroded	C	3.00	0.43	Low
7500	Pawnee	Pawnee clay loam, 1 to 3 percent slopes	D	3.00	0.37	High
7501	Pawnee	Pawnee clay loam, 4 to 8 percent slopes, eroded	D	3.50	0.32	High
7502	Pawnee	Pawnee clay loam, 3 to 6 percent slopes	D	3.00	0.37	High
7503	Pawnee	Pawnee clay loam, 3 to 6 percent slopes, eroded	D	2.50	0.37	High
7530	Sharpsburg	Sharpsburg silt loam, 1 to 4 percent slopes	C	3.00	0.37	Intermediate
7535	Sharpsburg	Sharpsburg silt loam, 4 to 8 percent slopes	C	3.00	0.37	Intermediate
7550	Bendena	Rosendale-Bendena silty clay loams, 3 to 40 percent slopes	C	6.00	0.37	Low
7550	Rosendale	Rosendale-Bendena silty clay loams, 3 to 40 percent slopes	C	6.00	0.32	Low
7600	Sibleyville	Sibleyville complex, 3 to 7 percent slopes	B	2.50	0.28	Intermediate
7600	Unnamed	Sibleyville complex, 3 to 7 percent slopes	B	2.50	0.28	Intermediate
7601	Unnamed	Sibleyville complex, 3 to 7 percent slopes, eroded	B	2.50	0.28	Intermediate
7601	Sibleyville	Sibleyville complex, 3 to 7 percent slopes, eroded	B	2.50	0.28	Intermediate
7602	Sibleyville	Sibleyville complex, 7 to 12 percent slopes	B	2.50	0.28	Intermediate
7602	Sibleyville	Sibleyville complex, 7 to 12 percent slopes	B	2.50	0.28	Intermediate
7603	Sibleyville	Sibleyville loam, 3 to 7 percent slopes	B	2.50	0.28	Intermediate
7604	Sibleyville	Sibleyville loam, 3 to 7 percent slopes, eroded	B	2.00	0.28	Intermediate
7607	Vinland	Sibleyville-Vinland loams, 3 to 7 percent slopes	D	3.00	0.32	Low

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7607	Sibleyville	Sibleyville-Vinland loams, 3 to 7 percent slopes	B	2.50	0.28	Low
7651	Vinland	Vinland complex, 3 to 7 percent slopes	D	3.00	0.32	Low
7652	Vinland	Vinland complex, 3 to 7 percent slopes, eroded	D	3.00	0.32	Low
7657	Vinland	Vinland-Martin complex, 7 to 15 percent slopes	D	3.00	0.32	Low
7657	Martin	Vinland-Martin complex, 7 to 15 percent slopes	C	3.00	0.37	Low
7658	Vinland	Vinland-Rock outcrop complex, 15 to 45 percent slopes	D	3.00	0.32	Low
7852	Judson	Judson silt loam, rarely flooded	B	3.00	0.28	Low
8160	Leanna	Leanna silt loam, occasionally flooded	D	2.50	0.32	High
8201	Osage	Osage silty clay loam, occasionally flooded	D	2.50	0.37	High
8300	Verdigris	Verdigris silt loam, channeled, 0 to 2 percent slopes, frequently flooded	B	3.00	0.37	Low
8301	Verdigris	Verdigris silt loam, 0 to 1 percent slopes, frequently flooded	B	3.00	0.37	Low
8302	Verdigris	Verdigris silt loam, occasionally flooded	B	3.00	0.32	Low
8501	Mason	Mason silt loam, rarely flooded	B	2.50	0.37	Intermediate
8621	Bates	Bates loam, 1 to 3 percent slopes	C	2.50	0.28	Low
8626	Collinsville	Bates-Collinsville complex, 3 to 7 percent slopes	D	2.00	0.32	Low
8626	Bates	Bates-Collinsville complex, 3 to 7 percent slopes	B	2.50	0.32	Low
8627	Bates	Bates-Collinsville complex, 3 to 15 percent slopes	B	2.50	0.32	Low
8627	Collinsville	Bates-Collinsville complex, 3 to 15 percent slopes	D	2.00	0.28	Low
8659	Clareson	Clareson-Eram complex, 3 to 15 percent slopes	C	3.00	0.32	Low
8659	Eram	Clareson-Eram complex, 3 to 15 percent slopes	C	2.00	0.37	Low
8661	Eram	Clareson-Eram silty clay loams, 3 to 15 percent slopes	C	2.00	0.37	Low
8661	Clareson	Clareson-Eram silty clay loams, 3 to 15 percent slopes	C	3.00	0.32	Low
8695	Dennis	Dennis-Bates complex, 3 to 7 percent slopes	C	2.00	0.43	Intermediate

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8695	Bates	Dennis-Bates complex, 3 to 7 percent slopes	B	2.50	0.32	Intermediate
8755	Lebo	Eram-Lebo silty clay loams, 5 to 20 percent slopes	B	2.50	0.32	High
8755	Eram	Eram-Lebo silty clay loams, 5 to 20 percent slopes	C	2.00	0.37	High
8775	Kenoma	Kenoma silt loam, 1 to 3 percent slopes	D	3.25	0.43	High
8791	Lebo	Lebo-Rock outcrop complex, 20 to 40 percent slopes	B	2.50	0.32	Low
8911	Summit	Summit silty clay loam, 1 to 3 percent slopes	C	3.00	0.37	Intermediate
8912	Summit	Summit silty clay loam, 3 to 7 percent slopes	C	3.00	0.37	Intermediate
8961	Woodson	Woodson silt loam, 0 to 1 percent slopes	D	2.50	0.49	High
8962	Woodson	Woodson silt loam, 1 to 3 percent slopes	D	2.50	0.49	High
8964	Woodson	Woodson silty clay loam, 1 to 3 percent slopes, eroded	D	2.50	0.43	High
9211	Bolivar	Bolivar-Hector complex, 5 to 15 percent slopes	B	1.75	0.24	Low
9211	Hector	Bolivar-Hector complex, 5 to 15 percent slopes	D	1.25	0.28	Low
MT487C	Aliceville	Eram-Aliceville complex, 3 to 8 percent slopes	C	4.49	0.32	High
MT487C	Eram	Eram-Aliceville complex, 3 to 8 percent slopes	D	2.00	0.37	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 sign up scores for National ranking subfactor N2 without further code conversion.