

# Leaching Index

## Johnson County, Kansas

Map Symbol	Soil Name	Map Unit Name	Hydrologic Group	OM %	kfact	Leaching Potential
4015	Chase	Chase silt loam, occasionally flooded	C	3.00	0.37	Intermediate
4752	Sogn	Sogn-Vinland complex, 3 to 25 percent slopes	D	2.00	0.32	Low
4752	Vinland	Sogn-Vinland complex, 3 to 25 percent slopes	D	3.00	0.32	Low
7031	Eudora	Eudora silt loam, occasionally flooded	B	1.75	0.32	Intermediate
7035	Bismarckgrove	Eudora-Bismarckgrove fine sandy loams, overwash, occasionally flooded	B	1.20	0.2	Intermediate
7035	Eudora	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	3.00	0.28	Intermediate
7055	Kimo	Kimo silty clay loam, occasionally flooded	C	3.00	0.37	Intermediate
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
7095	Kiro	Kiro silty clay, depression, occasionally flooded	C	4.00	0.37	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
7123	Eudora	Eudora silt loam, rarely flooded	B	1.75	0.32	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
7251	Grundy	Grundy silt loam, 1 to 3 percent slopes	D	3.00	0.37	High
7261	Gymer	Gymer silt loam, 3 to 7 percent slopes	C	3.00	0.32	Low

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7285	Ladoga	Ladoga silt loam, 3 to 8 percent slopes	B	2.50	0.32	Intermediate
7286	Ladoga	Ladoga silt loam, 8 to 15 percent slopes	B	2.50	0.32	Intermediate
7302	Martin	Martin silty clay loam, 3 to 7 percent slopes	C	2.00	0.37	Intermediate
7330	Martin	Martin-Vinland silty clay loams, 5 to 10 percent slopes	C	2.00	0.37	Low
7330	Vinland	Martin-Vinland silty clay loams, 5 to 10 percent slopes	D	3.00	0.32	Low
7433	Morrill	Morrill loam, 3 to 7 percent slopes	B	2.50	0.28	Low
7460	Oska	Oska silty clay loam, 3 to 6 percent slopes	C	2.50	0.37	Low
7462	Martin	Oska-Martin complex, 4 to 8 percent slopes	C	3.00	0.37	Low
7462	Oska	Oska-Martin complex, 4 to 8 percent slopes	C	2.50	0.37	Low
7502	Pawnee	Pawnee clay loam, 3 to 6 percent slopes	D	3.00	0.37	High
7525	Chillicothe	Chillicothe silt loam, 2 to 5 percent slopes	B	3.50	0.32	Intermediate
7535	Sharpsburg	Sharpsburg silt loam, 4 to 8 percent slopes	C	3.00	0.37	Intermediate
7545	Sharpsburg	Sharpsburg-Urban land complex, 4 to 8 percent slopes	C	3.00	0.32	Intermediate
7603	Sibleyville	Sibleyville loam, 3 to 7 percent slopes	B	2.50	0.28	Intermediate
7607	Sibleyville	Sibleyville-Vinland loams, 3 to 7 percent slopes	B	2.50	0.28	Low
7607	Vinland	Sibleyville-Vinland loams, 3 to 7 percent slopes	D	3.00	0.32	Low
7658	Vinland	Vinland-Rock outcrop complex, 15 to 45 percent slopes	D	3.00	0.32	Low
7805	Arisburg	Arisburg silt loam, 1 to 3 percent slopes	C	3.00	0.32	High
8101	Hepler	Hepler silt loam, occasionally flooded	C	1.50	0.37	High
8160	Leanna	Leanna silt loam, occasionally flooded	D	2.50	0.32	High
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
8390	Wynona	Wynona silt loam, occasionally flooded	C	2.00	0.43	High
8501	Mason	Mason silt loam, rarely flooded	B	2.00	0.37	Intermediate

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8663	Clareson	Clareson-Rock outcrop complex, 3 to 15 percent slopes	C	3.00	0.32	Low
8789	Lebo	Lebo channery silty clay loam, 15 to 30 percent slopes	B	2.50	0.37	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
8962	Woodson	Woodson silt loam, 1 to 3 percent slopes	D	2.50	0.49	High
9990	Arents	Orthents, Hilly	D	0.50	0.49	Low
MT324B	Bucyrus	Bucyrus silty clay loam, 1 to 3 percent slopes	C	4.49	0.32	Intermediate
MT328C	Bucyrus	Bucyrus silty clay loam, 3 to 8 percent slopes	B	4.49	0.37	Intermediate
MT850B	Wagstaff	Wagstaff silty clay loam, 1 to 3 percent slopes	D	5.00	0.28	Low
MT854C	Wagstaff	Wagstaff silty clay loam, 3 to 8 percent slopes	C	5.00	0.32	Low
MT858C	Summit	Wagstaff-Summit complex, 3 to 8 percent slopes	C	3.00	0.37	Low
MT858C	Wagstaff	Wagstaff-Summit complex, 3 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 sign-up scores for National ranking subfactor N2 without further code conversion.