

Leaching Index

Pottawatomie County, Kansas

Map Symbol	Soil Name	Map Unit Name	Hydrologic Group	OM %	kfact	Leaching Potential
2284	Wann	Wann fine sandy loam, channeled	B	2.00	0.2	Intermediate
3775	Muir	Muir silt loam, rarely flooded	B	3.00	0.32	Intermediate
3900	Ortello	Ortello fine sandy loam, 3 to 7 percent slopes	B	1.50	0.2	Intermediate
3902	Ortello	Ortello fine sandy loam, 7 to 12 percent slopes	B	1.50	0.2	Intermediate
4010	Sarpy	Carr-Sarpy complex, occasionally flooded	A	0.50	0.17	Intermediate
4010	Carr	Carr-Sarpy complex, occasionally flooded	B	1.50	0.24	Intermediate
4018	Chase	Chase silty clay loam, very rarely flooded	C	3.40	0.37	Intermediate
4020	Chase	Chase silty clay loam, occasionally flooded	C	3.00	0.37	Intermediate
4051	Ivan	Ivan silt loam, channeled	B	3.00	0.32	Low
4350	Chase	Chase silty clay loam, rarely flooded	C	3.00	0.37	Intermediate
4525	Benfield	Benfield silty clay loam, 3 to 7 percent slopes	C	2.50	0.37	Low
4530	Florence	Benfield-Florence complex, 5 to 30 percent slopes	C	3.00	0.32	Low
4530	Benfield	Benfield-Florence complex, 5 to 30 percent slopes	C	2.50	0.37	Low
4545	Clime	Clime silty clay loam, 20 to 40 percent slopes, stony	C	3.00	0.32	Low
4590	Sogn	Clime-Sogn complex, 3 to 20 percent slopes	D	3.00	0.37	Low
4590	Clime	Clime-Sogn complex, 3 to 20 percent slopes	D	3.00	0.24	Low
4725	Sogn	Kipson-Sogn complex, 5 to 30 percent slopes	D	2.00	0.32	Low
4725	Kipson	Kipson-Sogn complex, 5 to 30 percent slopes	D	2.00	0.49	Low
4783	Tully	Tully silty clay loam, 3 to 7 percent slopes	C	3.00	0.32	Low
4786	Tully	Tully silty clay, 3 to 7 percent slopes, eroded	C	2.50	0.32	Low
4825	Tuttle	Tuttle channery silty clay loam, 20 to 60 percent slopes, stony	C	2.50	0.32	Low
4830	Wamego	Wamego silt loam, 3 to 7 percent slopes	C	3.00	0.32	Low
4831	Wamego	Wamego silt loam, 7 to 20 percent slopes	C	3.00	0.32	Low
7005	Bourbonais	Bourbonais-Bismarckgrove complex, occasionally flooded	C	2.50	0.32	Low

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7005	Bismarckgrove	Bourbonais-Bismarckgrove complex, occasionally flooded	B	2.50	0.32	Low
7006	Bismarckgrove	Bismarckgrove silt loam, occasionally flooded	B	2.50	0.32	Intermediate
7028	Belvue	Belvue silt loam, occasionally flooded	B	1.00	0.32	Intermediate
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	Eudora	Eudora-Bismarckgrove silt loams, occasionally flooded	B	1.75	0.32	Intermediate
7036	Bismarckgrove	Eudora-Bismarckgrove silt loams, occasionally flooded	B	2.50	0.32	Intermediate
7040	Zeandale	Zeandale silt loam, occasionally flooded	B	1.25	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
7058	Belvue	Stonehouse-Belvue complex, occasionally flooded	B	1.00	0.32	High
7058	Stonehouse	Stonehouse-Belvue complex, occasionally flooded	A	0.50	0.15	High
7061	Muscotah	Muscotah silty clay loam, occasionally flooded	D	3.25	0.37	High
7070	Paxico	Paxico silt loam, frequently flooded	B	2.00	0.37	Intermediate
7083	Sarpy	Sarpy loamy fine sand, occasionally flooded	A	0.50	0.17	High
7085	Sarpy	Sarpy sand, frequently flooded	A	0.50	0.15	High
7087	Sarpy	Sarpy-Haynie complex, occasionally flooded	A	0.50	0.17	High
7087	Haynie	Sarpy-Haynie complex, occasionally flooded	B	1.20	0.37	High
7088	Stonehouse	Stonehouse sand, occasionally flooded	A	0.50	0.15	High
7091	Wabash	Wabash silty clay, occasionally flooded	D	3.00	0.28	High
7099	Zook	Zook silty clay loam, occasionally flooded	D	3.00	0.37	High

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7104	Belvue	Belvue silt loam, rarely flooded	B	1.00	0.32	Intermediate
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	Kimo	Bismarckgrove-Kimo complex, rarely flooded	C	3.00	0.37	Intermediate
7107	Bismarckgrove	Bismarckgrove-Kimo complex, rarely flooded	B	2.50	0.32	Intermediate
7109	Bismarckgrove	Bourbonais-Bismarckgrove complex, rarely flooded	B	2.50	0.32	Intermediate
7109	Bourbonais	Bourbonais-Bismarckgrove complex, rarely flooded	C	1.50	0.32	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
7132	Eudora	Stonehouse-Eudora complex, rarely flooded	B	1.75	0.32	High
7132	Stonehouse	Stonehouse-Eudora complex, rarely flooded	A	0.50	0.15	High
7155	Kimo	Kimo silty clay loam, rarely flooded	C	3.00	0.37	Intermediate
7171	Reading	Reading silt loam, moderately wet, rarely flooded	B	3.00	0.32	Intermediate
7173	Reading	Reading silty clay loam, rarely flooded	B	3.00	0.32	Intermediate
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
7209	Muscotah	Muscotah silty clay, very rarely flooded	D	3.00	0.37	High
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
7224	Burchard	Burchard-Steinauer clay loams, 6 to 12 percent slopes	B	3.00	0.28	Low
7224	Steinauer	Burchard-Steinauer clay loams, 6 to 12 percent slopes	B	1.25	0.28	Low
7240	Elmont	Elmont silty clay loam, 3 to 7 percent slopes	B	3.00	0.32	Intermediate

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7241	Elmont	Elmont silty clay loam, 3 to 7 percent slopes, eroded	B	2.50	0.32	Intermediate
7261	Gymer	Gymer silt loam, 3 to 7 percent slopes	C	3.00	0.32	Low
7265	Gymer	Gymer silty clay loam, 3 to 7 percent slopes	C	3.00	0.32	Low
7302	Martin	Martin silty clay loam, 3 to 7 percent slopes	C	3.00	0.37	Intermediate
7424	Morrill	Morrill clay loam, 3 to 7 percent slopes, eroded	B	2.50	0.28	Intermediate
7433	Morrill	Morrill loam, 3 to 7 percent slopes	B	3.00	0.28	Low
7438	Morrill	Morrill loam, 5 to 20 percent slopes, stony	B	3.00	0.28	Low
7455	Olmitz	Olmitz loam, 1 to 5 percent slopes	B	3.00	0.24	Intermediate
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
7530	Sharpsburg	Sharpsburg silt loam, 1 to 4 percent slopes	C	3.00	0.37	Intermediate
7585	Shelby	Shelby clay loam, 7 to 12 percent slopes	B	3.00	0.28	Low
7609	Shelby	Steinauer-Shelby clay loams, 10 to 14 percent slopes	B	3.00	0.28	Intermediate
7609	Steinauer	Steinauer-Shelby clay loams, 10 to 14 percent slopes	B	1.25	0.32	Intermediate
7650	Thurman	Thurman loamy fine sand, 3 to 8 percent slopes	A	1.50	0.17	High
7680	Wymore	Wymore silty clay loam, 0 to 1 percent slopes	D	3.00	0.37	Intermediate
7681	Wymore	Wymore silty clay loam, 1 to 3 percent slopes	D	3.00	0.37	Intermediate
7683	Wymore	Wymore silty clay loam, 3 to 6 percent slopes	D	3.00	0.37	Intermediate
7687	Wymore	Wymore variant fine sandy loam, 1 to 3 percent slopes	C	1.50	0.28	Intermediate
7742	Haynie	Haynie very fine sandy loam, occasionally flooded	B	1.20	0.37	Intermediate
7966	Monona	Monona silt loam, 5 to 11 percent slopes, eroded	B	3.00	0.32	Low

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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.