

Leaching Index

Chautauqua County, Kansas

Map Symbol	Soil Name	Map Unit Name	Hydrologic Group	OM %	kfact	Leaching Potential
3406	Longford	Longford silty clay loam, bedrock substratum, 1 to 4 percent slopes	C	3.00	0.37	Low
3407	Longford	Longford silty clay loam, bedrock substratum, 1 to 4 percent slopes, eroded	C	2.00	0.37	Low
3921	Smolan	Smolan silty clay loam, 1 to 3 percent slopes	C	3.00	0.37	Low
3923	Smolan	Smolan silty clay loam, 3 to 7 percent slopes, eroded	C	2.00	0.37	Low
4052	Ivan	Ivan silt loam, occasionally flooded	B	3.50	0.32	Low
4580	Clime	Clime stony silty clay loam, 15 to 30 percent slopes	C	2.50	0.28	Low
4590	Clime	Clime-Sogn complex, 3 to 20 percent slopes	D	3.00	0.24	Low
4590	Sogn	Clime-Sogn complex, 3 to 20 percent slopes	D	3.00	0.37	Low
4740	Labette	Labette silty clay loam, 1 to 3 percent slopes	D	3.00	0.32	Low
4744	Labette	Labette-Dwight complex, 0 to 3 percent slopes	D	3.00	0.32	Low
4744	Dwight	Labette-Dwight complex, 0 to 3 percent slopes	D	3.00	0.43	Low
4750	Sogn	Sogn silty clay loam, 0 to 10 percent slopes	D	2.00	0.32	Low
4751	Sogn	Sogn soils, 0 to 8 percent slopes	D	2.00	0.32	Low
5967	Tabler	Tabler silty clay loam, 0 to 1 percent slopes	D	2.50	0.37	Intermediate
6750	Cleora	Cleora fine sandy loam, occasionally flooded	B	2.00	0.2	Low
6951	Niotaze	Niotaze-Darnell complex, 6 to 35 percent slopes	C	3.00	0.28	High
6951	Darnell	Niotaze-Darnell complex, 6 to 35 percent slopes	C	2.00	0.24	High
6971	Steedman	Steedman stony clay loam, 8 to 20 percent slopes	C	1.75	0.28	High
6972	Steedman	Steedman stony loam, 5 to 20 percent slopes	C	1.75	0.43	High
6980	Stephenville	Stephenville fine sandy loam, 1 to 3 percent slopes	C	2.00	0.2	Intermediate
6981	Stephenville	Stephenville-Darnell fine sandy loams, 1 to 6 percent slopes	B	2.00	0.24	Intermediate
6981	Darnell	Stephenville-Darnell fine sandy loams, 1 to 6 percent slopes	C	2.00	0.24	Intermediate
7170	Reading	Reading silt loam, rarely flooded	B	3.00	0.32	Low

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7300	Martin	Martin silty clay loam, 0 to 1 percent slopes	C	3.00	0.37	Low
7301	Martin	Martin silty clay loam, 1 to 3 percent slopes	C	3.00	0.37	Low
7302	Martin	Martin silty clay loam, 3 to 7 percent slopes	C	3.00	0.37	Low
7303	Martin	Martin silty clay loam, 3 to 7 percent slopes, eroded	C	2.00	0.37	Low
7306	Martin	Martin silty clay, 3 to 7 percent slopes, eroded	C	1.75	0.37	Low
7310	Martin	Martin-Dwight silty clay loams, 1 to 3 percent slopes	C	3.00	0.37	Low
7310	Dwight	Martin-Dwight silty clay loams, 1 to 3 percent slopes	D	3.00	0.43	Low
8151	Lanton	Lanton silty clay loam, occasionally flooded	C	3.00	0.37	High
8201	Osage	Osage silty clay loam, occasionally flooded	D	3.00	0.37	High
8203	Osage	Osage silty clay, occasionally flooded	D	3.00	0.28	High
8204	Osage	Osage-Drummond complex, occasionally flooded	D	3.00	0.28	Intermediate
8204	Drummond	Osage-Drummond complex, occasionally flooded	D	1.25	0.49	Intermediate
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
8501	Mason	Mason silt loam, rarely flooded	B	3.00	0.37	Low
8502	Drummond	Mason-Drummond silt loams, rarely flooded	D	1.25	0.49	Low
8502	Mason	Mason-Drummond silt loams, rarely flooded	B	3.00	0.37	Low
8620	Bates	Bates fine sandy loam, 1 to 3 percent slopes	B	2.00	0.2	Low
8627	Collinsville	Bates-Collinsville complex, 3 to 15 percent slopes	D	2.00	0.28	Low
8627	Bates	Bates-Collinsville complex, 3 to 15 percent slopes	B	2.50	0.32	Low
8643	Catoosa	Catoosa silt loam, 0 to 1 percent slopes	B	3.00	0.37	Low
8649	Catoosa	Catoosa-Sogn complex, 0 to 8 percent slopes	B	3.00	0.37	Low
8649	Sogn	Catoosa-Sogn complex, 0 to 8 percent slopes	D	2.00	0.32	Low
8655	Clareson	Clareson silty clay loam, 0 to 2 percent slopes	C	5.50	0.32	Low

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8667	Sogn	Clareson-Sogn complex, 1 to 3 percent slopes	D	2.00	0.32	Low
8667	Clareson	Clareson-Sogn complex, 1 to 3 percent slopes	C	5.50	0.32	Low
8679	Dennis	Dennis silt loam, 1 to 3 percent slopes	C	4.00	0.43	High
8683	Dennis	Dennis silt loam, 3 to 7 percent slopes	C	4.00	0.43	High
8691	Dennis	Dennis silty clay loam, 3 to 7 percent slopes, eroded	C	2.00	0.37	High
8699	Dennis	Dennis-Dwight silt loams, 1 to 5 percent slopes	C	4.00	0.43	High
8699	Dwight	Dennis-Dwight silt loams, 1 to 5 percent slopes	D	3.00	0.43	High
8729	Eram	Eram silt loam, 1 to 3 percent slopes	C	2.50	0.37	High
8733	Eram	Eram silty clay loam, 1 to 3 percent slopes	C	3.00	0.37	High
8747	Collinsville	Eram-Collinsville complex, 1 to 5 percent slopes	D	2.00	0.28	High
8747	Eram	Eram-Collinsville complex, 1 to 5 percent slopes	C	2.00	0.37	High
8763	Talihina	Eram-Talihina silty clay loams, 5 to 20 percent slopes	D	2.00	0.32	Intermediate
8763	Eram	Eram-Talihina silty clay loams, 5 to 20 percent slopes	C	2.00	0.37	Intermediate
8774	Kenoma	Kenoma silt loam, 0 to 1 percent slopes	D	3.25	0.43	High
8775	Kenoma	Kenoma silt loam, 1 to 3 percent slopes	D	3.25	0.43	High
8795	Lula	Lula silt loam, 0 to 1 percent slopes	B	3.00	0.37	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.