

Leaching Index

Chase County, Kansas

Map Symbol	Soil Name	Map Unit Name	Hydrologic Group	OM %	kfact	Leaching Potential
3617	Solomon	Solomon silty clay, occasionally flooded	D	3.00	0.28	High
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
3892	Ladysmith	Ladysmith silty clay loam, 1 to 3 percent slopes, eroded	D	2.00	0.37	Intermediate
3922	Smolan	Smolan silty clay loam, 3 to 7 percent slopes	C	3.00	0.37	Low
4020	Chase	Chase silty clay loam, occasionally flooded	C	2.50	0.37	Intermediate
4051	Ivan	Ivan silt loam, channeled	B	3.00	0.32	Low
4052	Ivan	Ivan silt loam, occasionally flooded	B	3.00	0.32	Low
4400	Kahola	Kahola silt loam, rarely flooded	B	3.00	0.32	Low
4545	Clime	Clime silty clay loam, 20 to 40 percent slopes, stony	C	2.50	0.28	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
4600	Dwight	Dwight silt loam, 0 to 1 percent slopes	D	3.00	0.43	Low
4605	Dwight	Dwight silt loam, 1 to 3 percent slopes	D	3.00	0.43	Low
4645	Florence	Florence cherty silt loam, 5 to 15 percent slopes	C	3.00	0.32	Low
4650	Florence	Florence silt loam, 2 to 15 percent slopes	C	5.00	0.32	Low
4655	Florence	Florence-Labette complex, 2 to 12 percent slopes	C	6.00	0.32	Low
4655	Labette	Florence-Labette complex, 2 to 12 percent slopes	C	3.50	0.37	Low
4665	Florence	Florence-Matfield cherty silt loams, 1 to 15 percent slopes	C	6.00	0.32	Low
4665	Matfield	Florence-Matfield cherty silt loams, 1 to 15 percent slopes	C	6.00	0.64	Low
4671	Irwin	Irwin silty clay loam, 1 to 3 percent slopes	D	3.00	0.37	Low
4672	Irwin	Irwin silty clay loam, 1 to 3 percent slopes, eroded	D	2.00	0.37	Low

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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	2.50	0.37	Low
4740	Labette	Labette silty clay loam, 1 to 3 percent slopes	D	3.00	0.32	Low
4742	Labette	Labette silty clay loam, 3 to 7 percent slopes	D	3.00	0.32	Low
4743	Labette	Labette silty clay loam, 3 to 7 percent slopes, eroded	C	3.50	0.37	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
4746	Labette	Labette-Sogn silty clay loam, 0 to 8 percent slopes	D	3.00	0.32	Low
4746	Sogn	Labette-Sogn silty clay loam, 0 to 8 percent slopes	D	3.00	0.37	Low
4780	Tully	Tully cherty silty clay loam, 5 to 15 percent slopes	C	3.00	0.32	Low
4783	Tully	Tully silty clay loam, 3 to 7 percent slopes	C	3.00	0.32	Low
4784	Tully	Tully silty clay loam, 3 to 7 percent slopes, eroded	C	2.00	0.32	Low
7170	Reading	Reading silt loam, rarely flooded	B	3.00	0.32	Low
7174	Reading	Reading silt loam, 1 to 3 percent slopes	B	3.00	0.32	Low
7175	Reading	Reading soils, 6 to 12 percent slopes, eroded	B	2.50	0.32	Low
7302	Martin	Martin silty clay loam, 3 to 7 percent slopes	C	3.50	0.37	Low
7303	Martin	Martin silty clay loam, 3 to 7 percent slopes, eroded	C	2.50	0.37	Low
7315	Martin	Martin-Gullied land complex, 3 to 10 percent slopes	C	2.50	0.37	Low
8203	Osage	Osage silty clay, occasionally flooded	D	4.00	0.28	High
8857	Kenoma	Olpe-Kenoma complex, 3 to 15 percent slopes	D	3.00	0.43	Low
8857	Olpe	Olpe-Kenoma complex, 3 to 15 percent slopes	C	1.50	0.43	Low
8861	Olpe	Olpe-Smolán complex, 2 to 10 percent slopes	C	3.00	0.43	Low
8861	Smolan	Olpe-Smolán complex, 2 to 10 percent slopes	C	3.00	0.37	Low

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8992	Zaar	Zaar silty clay, 3 to 7 percent slopes	D	3.00	0.28	High
8993	Zaar	Zaar-Dwight complex, 1 to 3 percent slopes	D	3.00	0.28	High
8993	Dwight	Zaar-Dwight complex, 1 to 3 percent slopes	D	3.00	0.43	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.