

Leaching Index

Marion County, Kansas

Map Symbol	Soil Name	Map Unit Name	Hydrologic Group	OM %	kfact	Leaching Potential
2266	Tobin	Tobin silt loam, occasionally flooded	B	2.50	0.32	Low
3355	Edalgo	Edalgo silt loam, 7 to 12 percent slopes	C	3.00	0.37	Low
3360	Edalgo	Edalgo silty clay loam, 3 to 7 percent slopes	C	3.00	0.37	Low
3390	Lancaster	Lancaster loam, 1 to 3 percent slopes	B	1.30	0.28	Intermediate
3391	Lancaster	Lancaster loam, 3 to 7 percent slopes	C	2.00	0.32	Low
3396	Hedville	Lancaster-Hedville complex, 3 to 20 percent slopes	D	3.00	0.37	Low
3396	Lancaster	Lancaster-Hedville complex, 3 to 20 percent slopes	C	2.00	0.32	Low
3490	Wells	Wells clay loam, 3 to 7 percent slopes, eroded	B	2.00	0.28	Low
3491	Wells	Wells loam, 1 to 3 percent slopes	B	3.00	0.32	Low
3492	Wells	Wells loam, 3 to 7 percent slopes	B	3.00	0.32	Low
3521	Cass	Cass fine sandy loam, occasionally flooded	B	1.50	0.2	Low
3545	Hobbs	Hobbs silt loam, channeled, frequently flooded	B	3.00	0.32	Low
3561	Hobbs	Hobbs silt loam, occasionally flooded	B	3.00	0.32	Low
3625	Sutphen	Sutphen silty clay loam, occasionally flooded	D	3.00	0.37	Low
3857	Goessel	Goessel silty clay, 0 to 1 percent slopes	D	3.00	0.28	Intermediate
3890	Ladysmith	Ladysmith silty clay loam, 0 to 1 percent slopes	D	3.00	0.37	Intermediate
3911	Rosehill	Rosehill silty clay, 1 to 3 percent slopes	D	3.00	0.28	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
4540	Clime	Clime silty clay loam, 1 to 3 percent slopes	C	4.00	0.28	Low
4555	Clime	Clime silty clay loam, 3 to 7 percent slopes	C	4.00	0.28	Low
4560	Clime	Clime silty clay loam, 7 to 15 percent slopes	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	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

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4600	Dwight	Dwight silt loam, 0 to 1 percent slopes	D	3.00	0.43	Low
4650	Florence	Florence silt loam, 2 to 15 percent slopes	C	5.00	0.32	Low
4671	Irwin	Irwin silty clay loam, 1 to 3 percent slopes	D	3.00	0.37	Low
4673	Irwin	Irwin silty clay loam, 3 to 7 percent slopes	D	3.00	0.37	Low
4710	Kipson	Kipson silty clay loam, 5 to 30 percent slopes	D	5.00	0.49	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
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
4750	Sogn	Sogn silty clay loam, 0 to 10 percent slopes	D	3.00	0.32	Low
4783	Tully	Tully silty clay loam, 3 to 7 percent slopes	C	3.00	0.32	Low
7170	Reading	Reading silt loam, rarely flooded	B	3.00	0.32	Low
8203	Osage	Osage silty clay, occasionally flooded	D	4.00	0.28	High
8300	Verdigris	Verdigris silt loam, channeled	B	3.00	0.32	Low
8302	Verdigris	Verdigris silt loam, occasionally flooded	B	3.00	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 signup scores for National ranking subfactor N2 without further code conversion.