

Leaching Index

Neosho County, Kansas

Map Symbol	Soil Name	Map Unit Name	Hydrologic Group	OM %	kfact	Leaching Potential
6982	Stephenville	Stephenville-Darnell fine sandy loams, 6 to 20 percent slopes	B	1.20	0.24	Intermediate
6982	Darnell	Stephenville-Darnell fine sandy loams, 6 to 20 percent slopes	C	2.00	0.24	Intermediate
8150	Lanton	Lanton silt 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	4.00	0.28	High
8300	Verdigris	Verdigris silt loam, channeled, 0 to 2 percent slopes, frequently flooded	B	3.00	0.37	Low
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
8460	Cherokee	Cherokee silt loam, 0 to 1 percent slopes	D	1.75	0.49	High
8621	Bates	Bates loam, 1 to 3 percent slopes	C	2.50	0.28	Low
8623	Bates	Bates loam, 3 to 7 percent slopes	C	2.50	0.28	Low
8625	Bates	Bates-Collinsville complex, 1 to 3 percent slopes	B	2.50	0.32	Low
8625	Collinsville	Bates-Collinsville complex, 1 to 3 percent slopes	D	2.00	0.28	Low
8627	Bates	Bates-Collinsville complex, 3 to 15 percent slopes	B	2.50	0.32	Intermediate
8627	Collinsville	Bates-Collinsville complex, 3 to 15 percent slopes	D	2.00	0.28	Intermediate
8675	Deepwater	Deepwater silt loam, 1 to 3 percent slopes	B	3.00	0.32	Intermediate
8679	Dennis	Dennis silt loam, 1 to 3 percent slopes	C	3.00	0.43	Intermediate
8683	Dennis	Dennis silt loam, 3 to 7 percent slopes	C	3.00	0.43	Intermediate
8703	Lanton	Dennis-Lanton silt loams, 1 to 7 percent slopes	C	3.00	0.37	Intermediate
8703	Dennis	Dennis-Lanton silt loams, 1 to 7 percent slopes	C	3.00	0.43	Intermediate
8733	Eram	Eram silty clay loam, 1 to 3 percent slopes	C	2.00	0.37	Intermediate
8735	Eram	Eram silty clay loam, 3 to 7 percent slopes	C	2.00	0.37	Intermediate
8755	Eram	Eram-Lebo silty clay loams, 5 to 20 percent slopes	C	2.00	0.37	Intermediate

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8755	Lebo	Eram-Lebo silty clay loams, 5 to 20 percent slopes	B	2.00	0.32	Intermediate
8775	Kenoma	Kenoma silt loam, 1 to 3 percent slopes	D	3.25	0.43	High
8780	Kenoma	Kenoma-Olpe complex, 3 to 7 percent slopes	D	3.25	0.43	High
8780	Olpe	Kenoma-Olpe complex, 3 to 7 percent slopes	C	2.00	0.37	High
8843	Nowata	Nowata silt loam, 3 to 7 percent slopes	B	3.00	0.37	Low
8853	Dennis	Olpe-Dennis complex, 3 to 7 percent slopes	C	3.00	0.43	Low
8853	Olpe	Olpe-Dennis complex, 3 to 7 percent slopes	C	1.50	0.43	Low
8863	Parsons	Parsons silt loam, 0 to 1 percent slopes	D	3.30	0.43	High
8875	Clareson	Ringo-Clareson complex, 8 to 15 percent slopes	C	3.50	0.32	Low
8875	Ringo	Ringo-Clareson complex, 8 to 15 percent slopes	D	3.00	0.28	Low
8876	Ringo	Ringo-Shidler silty clay loams, 3 to 15 percent slopes	D	4.00	0.37	Low
8876	Shidler	Ringo-Shidler silty clay loams, 3 to 15 percent slopes	D	3.00	0.32	Low
8961	Woodson	Woodson silt loam, 0 to 1 percent slopes	D	2.50	0.49	High
8990	Zaar	Zaar silty clay, 0 to 1 percent slopes	D	4.00	0.28	Intermediate
8991	Zaar	Zaar silty clay, 1 to 3 percent slopes	D	3.00	0.28	Intermediate
MT850B	Wagstaff	Wagstaff silty clay loam, 1 to 3 percent slopes	D	5.00	0.28	Low
MT857C	Shidler	Wagstaff-Shidler complex, 1 to 8 percent slopes	D	3.00	0.32	Low
MT857C	Wagstaff	Wagstaff-Shidler complex, 1 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.