

# Leaching Index

## Cherokee County, Kansas

Map Symbol	Soil Name	Map Unit Name	Hydrologic Group	OM %	kfact	Leaching Potential
8100	Hepler	Hepler silt loam, frequently flooded	C/D	3.00	0.37	High
8101	Hepler	Hepler silt loam, occasionally flooded	C	1.50	0.37	High
8150	Lanton	Lanton silt loam, occasionally flooded	C	3.00	0.37	High
8203	Osage	Osage silty clay, occasionally flooded	D	3.50	0.28	High
8302	Verdigris	Verdigris silt loam, occasionally flooded	B	3.00	0.32	Low
8460	Cherokee	Cherokee silt loam, 0 to 1 percent slopes	D	1.00	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
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
8630	Brazilton	Brazilton silty clay loam, 1 to 3 percent slopes	D	2.00	0.37	Low
8670	Coalvale	Coalvale silty clay, 1 to 5 percent slopes	D	4.00	0.15	Low
8679	Dennis	Dennis silt loam, 1 to 3 percent slopes	C	2.00	0.43	High
8735	Eram	Eram silty clay loam, 3 to 7 percent slopes	C	2.00	0.37	High
8761	Shidler	Eram-Shidler silty clay loams, 4 to 15 percent slopes	D	3.00	0.32	High
8761	Eram	Eram-Shidler silty clay loams, 4 to 15 percent slopes	C	2.00	0.37	High
8771	Kanima	Kanima silty clay loam, 15 to 50 percent slopes	C	1.25	0.24	Low
8863	Parsons	Parsons silt loam, 0 to 1 percent slopes	D	3.30	0.43	High
8927	Taloka	Taloka silt loam, 0 to 1 percent slopes	D	1.50	0.49	High
8990	Zaar	Zaar silty clay, 0 to 1 percent slopes	D	3.00	0.28	High
9050	Secesh	Secesh silt loam, channeled	B	1.00	0.43	Intermediate
9150	Secesh	Secesh silt loam, rarely flooded	B	1.00	0.43	Intermediate
9211	Hector	Bolivar-Hector complex, 5 to 15 percent slopes	D	1.25	0.28	Intermediate
9211	Bolivar	Bolivar-Hector complex, 5 to 15 percent slopes	B	1.25	0.24	Intermediate

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9250	Clarksville	Clarksville very cherty silt loam, 10 to 30 percent slopes	B	1.25	0.37	Low
9260	Gerald	Gerald silt loam, 0 to 2 percent slopes	D	1.25	0.43	High
9270	Nixa	Nixa very gravelly silt loam, 3 to 8 percent slopes	D	69.00		High
9280	Tonti	Tonti silt loam, 2 to 5 percent slopes	C	0.75	0.49	Low
9290	Waben	Waben cherty silt loam, 2 to 5 percent slopes	B	1.75	0.43	Intermediate
MT850B	Wagstaff	Wagstaff silty clay loam, 1 to 3 percent slopes	D	5.00	0.28	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.