

Leaching Index

Washington County, Kansas

Map Symbol	Soil Name	Map Unit Name	Hydrologic Group	OM %	kfact	Leaching Potential
3260	Colo	Colo silt loam, rarely flooded	D	3.50	0.28	Intermediate
3261	Muir	Muir silt loam, very rarely flooded	B	2.00	0.32	Intermediate
3360	Edalgo	Edalgo silty clay loam, 3 to 7 percent slopes	C	3.00	0.37	Low
3391	Lancaster	Lancaster loam, 3 to 7 percent slopes	C	2.00	0.32	Low
3396	Lancaster	Lancaster-Hedville complex, 3 to 20 percent slopes	C	2.00	0.32	Low
3396	Hedville	Lancaster-Hedville complex, 3 to 20 percent slopes	D	3.00	0.37	Low
3402	Longford	Longford silt loam, 3 to 7 percent slopes	C	3.00	0.37	Low
3404	Longford	Longford silty clay loam, 3 to 7 percent slopes, eroded	C	2.00	0.37	Low
3492	Wells	Wells loam, 3 to 7 percent slopes	B	3.00	0.32	Low
3520	Cass	Cass fine sandy loam, frequently flooded	B	1.50	0.2	Intermediate
3521	Cass	Cass fine sandy loam, occasionally flooded	B	1.50	0.2	Intermediate
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	Intermediate
3580	Huscher	Huscher silt loam, occasionally flooded	B	1.00	0.55	Intermediate
3775	Muir	Muir silt loam, rarely flooded	B	3.00	0.32	Low
3777	Sherdahl	Sherdahl silt loam, very rarely flooded	C	1.00	0.64	Low
3779	Sherdahl	Sherdahl loamy fine sand, 3 to 7 percent slopes, eroded	B	1.00	0.37	High
3785	Tivin	Tivin loamy fine sand, 5 to 15 percent slopes	A	0.30	0.15	High
3800	Crete	Crete silt loam, 0 to 1 percent slopes, loess plains and breaks	C	3.00	0.37	Low
3802	Crete	Crete silty clay loam, 3 to 7 percent slopes, eroded, loess plains and breaks	C	2.50	0.37	Low
3828	Crete	Crete silty clay loam, 1 to 3 percent slopes	C	3.00	0.37	Low
3830	Crete	Crete silty clay loam, 3 to 7 percent slopes	C	3.00	0.37	Low
3831	Crete	Crete silty clay loam, 3 to 7 percent slopes, eroded	C	2.50	0.37	Low

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3844	Geary	Geary silt loam, 3 to 7 percent slopes	C	3.00	0.37	Low
4525	Benfield	Benfield silty clay loam, 3 to 7 percent slopes	C	2.50	0.32	Low
4715	Kipson	Kipson soils, 5 to 30 percent slopes	D	2.00	0.55	Low
4725	Sogn	Kipson-Sogn complex, 5 to 30 percent slopes	D	3.00	0.37	Low
4725	Kipson	Kipson-Sogn complex, 5 to 30 percent slopes	D	2.00	0.49	Low
4783	Tully	Tully silty clay loam, 3 to 7 percent slopes	C	3.00	0.32	Low
4785	Tully	Tully silty clay loam, 7 to 12 percent slopes	C	3.00	0.32	Low
7030	Eudora	Eudora loam, occasionally flooded	B	1.50	0.32	Intermediate
7050	Kennebec	Kennebec silt loam, occasionally flooded	C	3.00	0.37	Intermediate
7180	Sarpy	Sarpy loamy fine sand, rarely flooded	A	0.50	0.17	High
7231	Judson	Judson silt loam, 2 to 6 percent slopes	C	3.00	0.37	Low
7415	Mayberry	Mayberry clay loam, 3 to 7 percent slopes	D	2.00	0.37	High
7433	Morrill	Morrill loam, 3 to 7 percent slopes	B	2.50	0.28	Low
7435	Morrill	Morrill loam, 7 to 12 percent slopes	B	2.50	0.28	Intermediate
7445	Morrill	Morrill-Jansen loams, 7 to 20 percent slopes	B	2.50	0.28	Low
7445	Jansen	Morrill-Jansen loams, 7 to 20 percent slopes	B	2.00	0.28	Low
7501	Pawnee	Pawnee clay loam, 4 to 8 percent slopes, eroded	D	3.50	0.32	High
7681	Wymore	Wymore silty clay loam, 1 to 3 percent slopes	D	3.00	0.37	Intermediate
7684	Wymore	Wymore silty clay loam, 3 to 6 percent slopes, eroded	D	2.50	0.28	Intermediate
7868	Nodaway	Nodaway silt loam, channeled, occasionally flooded	B	2.50	0.37	Intermediate

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.