

# Leaching Index

## McPherson County, Kansas

Map Symbol	Soil Name	Map Unit Name	Hydrologic Group	OM %	kfact	Leaching Potential
2176	McCook	McCook loam, occasionally flooded	B	3.00	0.32	Low
2266	Tobin	Tobin silt loam, occasionally flooded	B	2.50	0.32	Low
2310	Bridgeport	Bridgeport silt loam, rarely flooded	B	2.50	0.32	Low
2345	McCook	McCook fine sandy loam, rarely flooded	B	1.50	0.2	Low
2347	McCook	McCook silt loam, rarely flooded	B	3.00	0.32	Low
2366	New Cambria	New Cambria silty clay, rarely flooded	C	3.00	0.28	Low
2375	Roxbury	Roxbury silt loam, rarely flooded	B	3.00	0.32	Low
2376	Roxbury	Roxbury silty clay loam, rarely flooded	B	3.00	0.37	Low
2715	Ness	Ness silty clay	D	1.50	0.28	High
3350	Edalgo	Edalgo clay loam, 3 to 7 percent slopes	C	3.00	0.37	Low
3352	Edalgo	Edalgo loam, 3 to 7 percent slopes	C	3.00	0.32	Low
3355	Edalgo	Edalgo silt loam, 7 to 12 percent slopes	C	3.00	0.37	Low
3361	Edalgo	Edalgo silty clay loam, 3 to 7 percent slopes, eroded	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	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
3403	Longford	Longford silty clay loam, 3 to 7 percent slopes	C	3.00	0.32	Low
3404	Longford	Longford silty clay loam, 3 to 7 percent slopes, eroded	C	2.00	0.37	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
3710	Cass	Cass fine sandy loam, rarely flooded	B	1.50	0.2	Intermediate
3725	Detroit	Detroit silty clay loam, rarely flooded	C	3.00	0.37	Low
3755	Hord	Hord silt loam, rarely flooded	B	3.00	0.32	Intermediate

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3800	Crete	Crete silt loam, 0 to 1 percent slopes, loess plains and breaks	C	3.00	0.37	Low
3801	Crete	Crete silt loam, 1 to 3 percent slopes, loess plains and breaks	C	3.00	0.37	Low
3829	Crete	Crete silty clay loam, 1 to 3 percent slopes, eroded	C	3.00	0.37	Low
3843	Geary	Geary silt loam, 1 to 3 percent slopes	C	3.00	0.37	Low
3844	Geary	Geary silt loam, 3 to 7 percent slopes	C	3.00	0.37	Low
3849	Clark	Geary-Clark complex, 3 to 7 percent slopes, eroded	B	2.00	0.28	Low
3849	Geary	Geary-Clark complex, 3 to 7 percent slopes, eroded	C	2.00	0.37	Low
3857	Goessel	Goessel silty clay, 0 to 1 percent slopes	D	2.50	0.28	Intermediate
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
3921	Smolan	Smolan silty clay loam, 1 to 3 percent slopes	C	3.00	0.37	Low
3923	Smolan	Smolan silty clay loam, 3 to 7 percent slopes, eroded	C	3.00	0.37	Low
4555	Clime	Clime silty clay loam, 3 to 7 percent slopes	C	3.00	0.32	Low
4565	Clime	Clime silty clay, 1 to 3 percent slopes	C	2.50	0.28	Low
4570	Clime	Clime silty clay, 3 to 7 percent slopes	C	2.50	0.28	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
5562	Kaskan	Kaskan silty clay loam, frequently flooded, channeled	B	3.00	0.37	Intermediate
5633	Plevna	Plevna fine sandy loam, frequently flooded	D	2.50	0.2	High
5670	Waldeck	Waldeck fine sandy loam, occasionally flooded	C	1.50	0.2	Intermediate
5720	Blazefork	Blazefork silty clay loam, rarely flooded	D	2.99	0.37	Intermediate
5728	Blazefork	Buhler-Blazefork silty clay loams, rarely flooded	D	2.99	0.37	Low
5728	Buhler	Buhler-Blazefork silty clay loams, rarely flooded	D	5.79	0.43	Low

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5730	Darlow	Darlow-Elmer complex, 0 to 2 percent slopes	D	1.50	0.43	Low
5730	Elmer	Darlow-Elmer complex, 0 to 2 percent slopes	C	1.75	0.24	Low
5742	Dillwyn	Dillwyn-Plevna loamy fine sands, 0 to 1 percent slopes	A	1.00	0.17	High
5742	Plevna	Dillwyn-Plevna loamy fine sands, 0 to 1 percent slopes	D	3.00	0.17	High
5745	Elmer	Elmer loam, 0 to 1 percent slopes	C	1.75	0.32	Low
5863	Attica	Attica loamy fine sand, 1 to 3 percent slopes	B	0.75	0.17	Intermediate
5870	Carway	Carway and Carbika soils, 0 to 1 percent slopes	D	0.75	0.24	High
5870	Carbika	Carway and Carbika soils, 0 to 1 percent slopes	D	1.25	0.24	High
5882	Dillhut	Dillhut-Plev complex, 0 to 2 percent slopes	B	0.50	0.15	High
5882	Plev	Dillhut-Plev complex, 0 to 2 percent slopes	B	0.50	0.17	High
5893	Farnum	Farnum loam, 1 to 3 percent slopes	B	2.00	0.28	Low
5902	Hayes	Hayes fine sandy loam, 1 to 5 percent slopes	B	0.75	0.2	Intermediate
5928	Pratt	Pratt loamy fine sand, 1 to 5 percent slopes	A	0.70	0.28	High
5929	Pratt	Pratt loamy fine sand, 5 to 12 percent slopes	A	0.70	0.28	High
5935	Pratt	Pratt-Carwile complex, 0 to 5 percent slopes	A	0.70	0.28	High
5935	Carwile	Pratt-Carwile complex, 0 to 5 percent slopes	D	2.00	0.32	High
5942	Turon	Pratt-Turon fine sands, 1 to 5 percent slopes	A	0.60	0.2	High
5942	Pratt	Pratt-Turon fine sands, 1 to 5 percent slopes	A	0.60	0.17	High
5973	Tivin	Tivin-Dillhut fine sands, 0 to 15 percent slopes	A	0.22	0.15	High
5973	Dillhut	Tivin-Dillhut fine sands, 0 to 15 percent slopes	B	0.50	0.15	High
6330	Carwile	Carwile fine sandy loam, 0 to 1 percent slopes	D	2.00	0.24	High
9970	Aquolls	Aquolls	B/D			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.