

# Leaching Index

## Mitchell County, Kansas

Map Symbol	Soil Name	Map Unit Name	Hydrologic Group	OM %	kfact	Leaching Potential
2177	McCook	McCook silt loam, occasionally flooded	B	2.00	0.32	Low
2224	New Cambria	New Cambria silty clay loam, occasionally flooded	C	3.00	0.37	Low
2225	New Cambria	New Cambria silty clay, frequently flooded	C	3.00	0.28	Low
2234	Roxbury	Roxbury silt loam, channeled	B	3.00	0.32	Low
2236	Roxbury	Roxbury silt loam, occasionally flooded	B	3.00	0.32	Low
2237	Roxbury	Roxbury-Armo complex, 0 to 3 percent slopes	B	3.00	0.32	Low
2237	Armo	Roxbury-Armo complex, 0 to 3 percent slopes	B	2.00	0.28	Low
2256	Saltine	Saltine silt loam, frequently flooded	C	1.25	0.32	Intermediate
2347	McCook	McCook silt loam, rarely flooded	B	2.00	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	0.37	Low
2512	Anselmo	Anselmo sandy loam, 1 to 3 percent slopes	B	1.50	0.2	Intermediate
2518	Armo	Armo loam, 1 to 3 percent slopes	B	2.00	0.28	Low
2519	Armo	Armo loam, 3 to 7 percent slopes	B	2.00	0.28	Low
2521	Armo	Armo loam, 7 to 15 percent slopes	B	2.00	0.28	Low
2522	Armo	Armo silt loam, 3 to 7 percent slopes	B	2.00	0.28	Low
2524	Bogue	Armo-Bogue complex, 7 to 20 percent slopes	D	2.00	0.28	Low
2524	Armo	Armo-Bogue complex, 7 to 20 percent slopes	B	3.00	0.28	Low
2540	Bogue	Bogue-Armo complex, 5 to 25 percent slopes	D	0.75	0.28	Low
2540	Armo	Bogue-Armo complex, 5 to 25 percent slopes	B	2.00	0.28	Low
2548	Brownell	Brownell-Rock outcrop complex, 3 to 30 percent slopes	B	2.00	0.55	Intermediate
2592	Corinth	Corinth silty clay loam, 3 to 7 percent slopes	C	0.75	0.37	Low
2594	Corinth	Corinth silty clay loam, 7 to 15 percent slopes	C	0.75	0.37	Low
2596	Harney	Corinth-Harney silty clay loams, 3 to 7 percent slopes, eroded	B	1.00	0.32	Low
2596	Corinth	Corinth-Harney silty clay loams, 3 to 7 percent slopes, eroded	C	0.50	0.37	Low

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2612	Harney	Harney silt loam, 0 to 1 percent slopes	C	2.00	0.43	Low
2613	Harney	Harney silt loam, 1 to 3 percent slopes	C	2.00	0.43	Low
2614	Harney	Harney silt loam, 3 to 7 percent slopes	C	2.00	0.43	Low
2616	Harney	Harney silty clay loam, 3 to 7 percent slopes	B	3.00	0.32	Intermediate
2617	Harney	Harney silty clay loam, 3 to 7 percent slopes, eroded	B	1.00	0.32	Intermediate
2621	Corinth	Harney-Corinth silty clay loams, 3 to 7 percent slopes, eroded	C	0.50	0.37	Intermediate
2621	Harney	Harney-Corinth silty clay loams, 3 to 7 percent slopes, eroded	B	1.00	0.32	Intermediate
2623	Mento	Harney-Mento complex, 3 to 7 percent slopes	C	2.00	0.37	Low
2623	Harney	Harney-Mento complex, 3 to 7 percent slopes	B	3.00	0.32	Low
2624	Harney	Harney-Mento silty clay loams, 3 to 7 percent slopes, eroded	B	1.50	0.32	Intermediate
2624	Mento	Harney-Mento silty clay loams, 3 to 7 percent slopes, eroded	C	1.50	0.37	Intermediate
2625	Harney	Harney-Nuckolls complex, 3 to 7 percent slopes	B	3.00	0.32	Low
2625	Nuckolls	Harney-Nuckolls complex, 3 to 7 percent slopes	B	1.75	0.32	Low
2633	Harney	Harney-Wakeen complex, 3 to 7 percent slopes	B	3.00	0.32	Intermediate
2633	Wakeen	Harney-Wakeen complex, 3 to 7 percent slopes	B	2.00	0.32	Intermediate
2718	Nibson	Nibson soils, 3 to 30 percent slopes	D	2.00	0.32	Low
2720	Nibson	Nibson silt loam, 5 to 25 percent slopes	D	2.00	0.32	Low
2804	Timken	Timken clay, 3 to 20 percent slopes	D	1.50	0.32	Low
2953	Wakeen	Wakeen silt loam, 3 to 7 percent slopes	B	2.00	0.32	Low
3391	Lancaster	Lancaster loam, 3 to 7 percent slopes	C	2.00	0.32	Low
3395	Armo	Lancaster-Armo loams, 3 to 7 percent slopes	B	2.00	0.28	Low
3395	Lancaster	Lancaster-Armo loams, 3 to 7 percent slopes	B	2.50	0.28	Low
3396	Lancaster	Lancaster-Hedville complex, 3 to 20 percent slopes	C	2.00	0.32	Low

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3396	Hedville	Lancaster-Hedville complex, 3 to 20 percent slopes	D	3.00	0.37	Low
3585	Humbarger	Humbarger loam, frequently flooded	B	2.00	0.28	Low
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	Low
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
3802	Crete	Crete silty clay loam, 3 to 7 percent slopes, eroded, loess plains and breaks	C	2.50	0.37	Low
3844	Geary	Geary silt loam, 3 to 7 percent slopes	C	3.00	0.37	Low
3848	Geary	Geary silty clay loam, 3 to 7 percent slopes, severely eroded	C	1.50	0.37	Low
3852	Lancaster	Geary-Lancaster complex, 5 to 10 percent slopes	C	3.00	0.28	Low
3852	Geary	Geary-Lancaster complex, 5 to 10 percent slopes	C	3.00	0.37	Low
3870	Hastings	Hastings silty clay loam, 3 to 7 percent slopes, eroded	B	1.50	0.32	Intermediate
4783	Tully	Tully silty clay loam, 3 to 7 percent slopes	C	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.