

# Leaching Index

## Russell County, Kansas

Map Symbol	Soil Name	Map Unit Name	Hydrologic Group	OM %	kfact	Leaching Potential
2113	Inavale	Inavale loamy sand, occasionally flooded	A	0.75	0.15	High
2201	Munjor	Munjor sandy loam, frequently flooded	B	1.00	0.24	Intermediate
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
2264	Tobin	Tobin and Roxbury silt loams, occasionally flooded	B	2.50	0.32	Low
2264	Roxbury	Tobin and Roxbury silt loams, occasionally flooded	B	3.00	0.32	Low
2333	Inavale	Inavale loamy sand, rarely flooded	A	0.75	0.17	High
2347	McCook	McCook silt loam, rarely flooded	B	3.00	0.32	Low
2360	Munjor	Munjor fine sandy loam, rarely flooded	B	0.75	0.24	Intermediate
2375	Roxbury	Roxbury silt loam, rarely flooded	B	3.00	0.37	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	3.00	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
2534	Balta	Balta complex, 3 to 7 percent slopes	C	1.77	0.37	Low
2534	Harney	Balta complex, 3 to 7 percent slopes	B	3.00	0.32	Low
2536	Bogue	Bogue clay, 3 to 15 percent slopes	D	2.00	0.28	Low
2540	Bogue	Bogue-Armo complex, 5 to 25 percent slopes	D	2.00	0.28	Low
2540	Armo	Bogue-Armo complex, 5 to 25 percent slopes	B	2.00	0.28	Low
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
2598	Dorrance	Dorrance gravelly sandy loam, 4 to 15 percent slopes	A	2.00	0.2	High
2600	Dorrance	Dorrance sandy loam, 1 to 4 percent slopes	A	2.00	0.2	High
2605	Eltree	Eltree silt loam, 1 to 3 percent slopes	C	2.00	0.43	Low
2606	Eltree	Eltree silt loam, 3 to 7 percent slopes	B	1.00	0.32	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	Low
2617	Harney	Harney silty clay loam, 3 to 7 percent slopes, eroded	B	3.00	0.32	Intermediate
2618	Harney	Harney-Armo complex, 3 to 7 percent slopes, eroded	B	3.00	0.32	Intermediate
2618	Armo	Harney-Armo complex, 3 to 7 percent slopes, eroded	B	2.00	0.28	Intermediate
2625	Nuckolls	Harney-Nuckolls complex, 3 to 7 percent slopes	B	1.75	0.32	Low
2625	Harney	Harney-Nuckolls complex, 3 to 7 percent slopes	B	3.00	0.32	Low
2632	Wakeen	Harney-Wakeen silt loams, 1 to 3 percent slopes	B	2.00	0.32	Intermediate
2632	Harney	Harney-Wakeen silt loams, 1 to 3 percent slopes	B	3.00	0.32	Intermediate
2633	Wakeen	Harney-Wakeen complex, 3 to 7 percent slopes	B	2.00	0.32	Intermediate
2633	Harney	Harney-Wakeen complex, 3 to 7 percent slopes	B	3.00	0.32	Intermediate
2660	Heizer	Heizer-Brownell complex, 5 to 30 percent slopes	D	1.50	0.55	Low
2660	Brownell	Heizer-Brownell complex, 5 to 30 percent slopes	B	1.50	0.55	Low
2701	Mento	Mento silt loam, 1 to 3 percent slopes	C	2.00	0.37	Low
2720	Nibson	Nibson silt loam, 5 to 25 percent slopes	D	2.00	0.32	Low
2726	Wakeen	Nibson-Wakeen silt loams, 3 to 20 percent slopes	B	2.00	0.32	Low
2726	Nibson	Nibson-Wakeen silt loams, 3 to 20 percent slopes	D	2.00	0.32	Low
2728	Nuckolls	Nuckolls silt loam, 3 to 7 percent slopes	B	1.75	0.32	Intermediate
2736	Nuckolls	Nuckolls silty clay loam, 7 to 12 percent slopes, eroded	B	1.75	0.32	Intermediate
2817	Uly	Uly silt loam, 3 to 6 percent slopes	B	2.00	0.43	Intermediate
2951	Wakeen	Wakeen silt loam, 1 to 3 percent slopes	B	2.00	0.32	Low
2953	Wakeen	Wakeen silt loam, 3 to 7 percent slopes	B	2.00	0.32	Low

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3366	Hedville	Edalgo-Hedville loams, 15 to 40 percent slopes	D	2.50	0.32	Low
3366	Edalgo	Edalgo-Hedville loams, 15 to 40 percent slopes	C	3.00	0.32	Low
3367	Edalgo	Edalgo-Rock outcrop complex, 10 to 30 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
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
3593	Humbarger	Humbarger loam, occasionally flooded	B	2.00	0.28	Intermediate
3720	Detroit	Detroit silt 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

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.