

Leaching Index

Jewell County, Kansas

Map Symbol	Soil Name	Map Unit Name	Hydrologic Group	OM %	kfact	Leaching Potential
2104	Carr	Carr fine sandy loam, occasionally flooded	B	0.50	0.24	Intermediate
2108	Inavale	Inavale fine sand, frequently flooded	A	0.75	0.15	High
2110	Inavale	Inavale loamy fine sand, occasionally flooded	A	0.75	0.17	High
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
2260	Saltine	Saltine silty clay loam, frequently flooded	C	1.25	0.32	Intermediate
2266	Tobin	Tobin silt loam, occasionally flooded	B	2.50	0.32	Low
2345	McCook	McCook fine sandy loam, rarely flooded	B	2.00	0.24	Intermediate
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	0.37	Low
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
2536	Bogue	Bogue clay, 3 to 15 percent slopes	D	2.00	0.28	Low
2540	Armo	Bogue-Armo complex, 5 to 25 percent slopes	B	2.00	0.28	Low
2540	Bogue	Bogue-Armo complex, 5 to 25 percent slopes	D	0.75	0.28	Low
2542	Bogue	Bogue-Rock outcrop complex, 10 to 30 percent slopes	D	0.75	0.28	Low
2547	Brownell	Brownell-Heizer gravelly loams, 3 to 30 percent slopes	B	1.50	0.55	Intermediate
2547	Heizer	Brownell-Heizer gravelly loams, 3 to 30 percent slopes	D	1.50	0.55	Intermediate
2596	Corinth	Corinth-Harney silty clay loams, 3 to 7 percent slopes, eroded	C	0.50	0.37	Low
2596	Harney	Corinth-Harney silty clay loams, 3 to 7 percent slopes, eroded	B	1.00	0.32	Low
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

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2617	Harney	Harney silty clay loam, 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
2664	Geary	Holdrege and Geary silty clay loams, 6 to 11 percent slopes, eroded	C	2.00	0.37	Low
2664	Holdrege	Holdrege and Geary silty clay loams, 6 to 11 percent slopes, eroded	C	2.00	0.43	Low
2672	Holdrege	Holdrege silty clay loam, 3 to 7 percent slopes, eroded	B	1.00	0.32	Intermediate
2675	Holdrege	Holdrege silt loam, 3 to 7 percent slopes, plains and breaks	C	2.00	0.49	Low
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
2734	Nuckolls	Nuckolls silt loam, 7 to 12 percent slopes	B	2.00	0.32	Low
2738	Holdrege	Nuckolls-Holdrege silt loams, 3 to 7 percent slopes	B	2.00	0.32	Low
2738	Nuckolls	Nuckolls-Holdrege silt loams, 3 to 7 percent slopes	B	2.00	0.32	Low
2740	Nuckolls	Nuckolls-Roxbury silt loams, 0 to 30 percent slopes	B	1.75	0.32	Low
2740	Roxbury	Nuckolls-Roxbury silt loams, 0 to 30 percent slopes	B	3.00	0.32	Low
2827	Holdrege	Uly-Holdrege silt loams, 6 to 12 percent slopes	B	2.00	0.32	Intermediate
2827	Uly	Uly-Holdrege silt loams, 6 to 12 percent slopes	B	2.00	0.32	Intermediate
2953	Wakeen	Wakeen silt loam, 3 to 7 percent slopes	B	2.00	0.32	Low
2955	Wakeen	Wakeen silt loam, 7 to 20 percent slopes	B	2.00	0.32	Low
3253	Detroit	Detroit silty clay loam, very rarely flooded	C	2.00	0.37	Low
3261	Muir	Muir silt loam, very rarely flooded	B	2.00	0.32	Intermediate
3537	Gibbon	Gibbon silty clay loam, occasionally flooded	C	2.00	0.32	Intermediate
3545	Hobbs	Hobbs silt loam, channeled, frequently flooded	B	3.00	0.32	Low

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3580	Huscher	Huscher silt loam, occasionally flooded	B	1.00	0.55	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	Low
3777	Sherdahl	Sherdahl silt loam, very rarely flooded	C	1.00	0.64	Low
3778	Sherdahl	Sherdahl loam, 3 to 7 percent slopes, eroded	B	1.00	0.37	Intermediate
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
3846	Geary	Geary silty clay loam, 3 to 7 percent slopes, eroded	C	2.00	0.37	Low
3848	Geary	Geary silty clay loam, 3 to 7 percent slopes, severely eroded	C	1.50	0.37	Low
3864	Hastings	Hastings silt loam, 0 to 1 percent slopes	B	2.00	0.37	Low
3866	Hastings	Hastings silt loam, 1 to 3 percent slopes	C	3.00	0.37	Low
3870	Hastings	Hastings silty clay loam, 3 to 7 percent slopes, eroded	B	2.00	0.32	Low
3886	Kenesaw	Kenesaw silt loam, 5 to 12 percent slopes	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.