

Leaching Index

Meade County, Kansas

Map Symbol	Soil Name	Map Unit Name	Hydrologic Group	OM %	kfact	Leaching Potential
1124	Bridgeport	Bridgeport silt loam, channeled	B	2.00	0.28	Low
1667	Manter	Manter fine sandy loam, 0 to 1 percent slopes	B	0.75	0.2	Intermediate
1668	Manter	Manter fine sandy loam, 1 to 3 percent slopes	B	0.75	0.2	Intermediate
1669	Manter	Manter fine sandy loam, 1 to 3 percent slopes, eroded	B	0.75	0.2	Intermediate
1673	Manter	Manter-Satanta fine sandy loams, 1 to 3 percent slopes	B	0.75	0.2	Intermediate
1673	Satanta	Manter-Satanta fine sandy loams, 1 to 3 percent slopes	B	1.00	0.2	Intermediate
1706	Otero	Otero fine sandy loam, 7 to 15 percent slopes	B	0.75	0.2	Intermediate
1708	Otero	Otero-Mansic complex, 5 to 25 percent slopes	B	0.75	0.2	Low
1708	Mansic	Otero-Mansic complex, 5 to 25 percent slopes	B	3.00	0.28	Low
1710	Otero	Otero-Manter fine sandy loams, 3 to 6 percent slopes	B	0.75	0.2	Intermediate
1710	Manter	Otero-Manter fine sandy loams, 3 to 6 percent slopes	B	0.75	0.2	Intermediate
1808	Satanta	Satanta fine sandy loam, 0 to 1 percent slopes	B	1.00	0.2	Intermediate
1810	Satanta	Satanta loam, 0 to 1 percent slopes	B	1.50	0.28	Intermediate
1811	Satanta	Satanta loam, 1 to 3 percent slopes	B	1.50	0.28	Intermediate
2144	Leshara	Leshara clay loam, occasionally flooded	B	2.00	0.28	Intermediate
2152	Lesho	Lesho clay loam, occasionally flooded	C	1.50	0.28	Intermediate
2234	Roxbury	Roxbury silt loam, channeled	B	2.00	0.32	Low
2288	Wann	Wann loam, occasionally flooded	B	1.50	0.28	Intermediate
2375	Roxbury	Roxbury silt loam, rarely flooded	B	3.00	0.37	Low
2562	Campus	Campus-Canlon complex, 3 to 30 percent slopes	B	1.50	0.28	Intermediate
2562	Canlon	Campus-Canlon complex, 3 to 30 percent slopes	D	0.75	0.32	Intermediate
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
2615	Harney	Harney silty clay loam, 1 to 3 percent slopes, eroded	B	1.00	0.32	Intermediate

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2688	Mansic	Mansic clay loam, 0 to 1 percent slopes	B	0.75	0.28	Low
2689	Mansic	Mansic clay loam, 1 to 3 percent slopes	B	0.75	0.28	Low
2690	Mansic	Mansic clay loam, 3 to 6 percent slopes	B	0.75	0.28	Low
2691	Mansic	Mansic clay loam, 3 to 6 percent slopes, eroded	B	0.75	0.28	Low
2692	Mansic	Mansic clay loam, 6 to 15 percent slopes	B	0.75	0.28	Low
2693	Mansic	Mansic-Manter complex, 1 to 3 percent slopes	B	3.00	0.28	Low
2693	Manter	Mansic-Manter complex, 1 to 3 percent slopes	B	0.75	0.2	Low
2710	Missler	Missler silty clay loam, 0 to 1 percent slopes	B	2.00	0.32	Low
2711	Missler	Missler silty clay loam, 1 to 6 percent slopes	B	2.00	0.32	Low
2715	Ness	Ness silty clay	D	2.00	0.32	High
2744	Penden	Penden clay loam, 0 to 1 percent slopes	B	1.50	0.28	Low
2745	Penden	Penden clay loam, 1 to 3 percent slopes	B	1.50	0.28	Low
2747	Penden	Penden clay loam, 3 to 7 percent slopes	B	1.50	0.28	Low
2748	Penden	Penden clay loam, 3 to 7 percent slopes, eroded	B	1.50	0.28	Low
2750	Penden	Penden clay loam, 7 to 15 percent slopes	B	1.50	0.28	Low
2801	Spearville	Spearville silty clay loam, 0 to 1 percent slopes	C	2.00	0.37	Low
2814	Uly	Uly silt loam, 0 to 1 percent slopes	B	2.00	0.43	Intermediate
2815	Uly	Uly silt loam, 1 to 3 percent slopes	B	2.00	0.43	Intermediate
2816	Uly	Uly silt loam, 1 to 3 percent slopes, eroded	B	1.50	0.32	Intermediate
2817	Uly	Uly silt loam, 3 to 6 percent slopes	B	2.00	0.43	Intermediate
2818	Uly	Uly silt loam, 3 to 6 percent slopes, eroded	B	1.50	0.32	Intermediate
5240	Likes	Likes loamy sand, 0 to 3 percent slopes	A	0.75	0.17	High
5249	Optima	Optima fine sand, 10 to 25 percent slopes	A	0.75	0.15	High
5253	Optima	Optima fine sand, 5 to 20 percent slopes	A	0.75	0.15	High
5330	Krier	Krier soils, occasionally flooded	D	1.00	0.32	High
5399	Yahola	Yahola sandy loam, rarely flooded	B	0.75	0.2	Intermediate
5427	Kingsdown	Kingsdown fine sandy loam, 0 to 2 percent slopes	B	1.50	0.2	Intermediate

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5428	Kingsdown	Kingsdown fine sandy loam, 2 to 5 percent slopes	B	1.50	0.2	Intermediate
5933	Pratt	Pratt soils, 0 to 5 percent slopes	A	0.75	0.17	High
5934	Pratt	Pratt soils, 5 to 15 percent slopes	A	0.75	0.15	High
5972	Tivoli	Tivoli fine sand, 10 to 30 percent slopes	A	0.75	0.15	High
6056	Lincoln	Lincoln loamy fine sand, occasionally flooded	A	0.75	0.17	High
6060	Lincoln	Lincoln soils, frequently flooded	A	0.75	0.17	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.