

Leaching Index

Scott County, Kansas

Map Symbol	Soil Name	Map Unit Name	Hydrologic Group	OM %	kfact	Leaching Potential
1122	Bridgeport	Bridgeport loam, channeled	B	2.00	0.28	Low
1125	Bridgeport	Bridgeport silt loam, occasionally flooded	B	2.50	0.32	Low
1344	Bridgeport	Bridgeport fine sandy loam, rarely flooded	B	2.00	0.2	Low
1345	Bridgeport	Bridgeport loam, rarely flooded	B	2.00	0.28	Intermediate
1375	Beeler	Beeler silt loam, 0 to 1 percent slopes	B	2.00	0.43	Intermediate
1422	Goshen	Goshen silt loam, rarely flooded	B	1.50	0.32	Low
1438	Grigston	Grigston silt loam, rarely flooded	B	1.50	0.32	Low
1580	Colby	Colby silt loam, 5 to 15 percent slopes	B	0.75	0.43	Intermediate
1619	Keith	Keith silt loam, 0 to 1 percent slopes	C	2.00	0.43	Low
1622	Kuma	Keith-Kuma silt loams, 0 to 1 percent slopes	B	3.00	0.32	Intermediate
1622	Keith	Keith-Kuma silt loams, 0 to 1 percent slopes	B	1.50	0.32	Intermediate
1652	Kuma	Kuma silt loam, 0 to 1 percent slopes	B	3.00	0.32	Intermediate
1658	Limon	Limon clay, occasionally flooded	C	0.75	0.24	High
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
1670	Manter	Manter fine sandy loam, 3 to 5 percent slopes	B	0.75	0.2	Intermediate
1672	Otero	Manter-Otero fine sandy loams, 1 to 3 percent slopes	B	0.75	0.2	Intermediate
1672	Manter	Manter-Otero fine sandy loams, 1 to 3 percent slopes	B	0.75	0.2	Intermediate
1691	Manvel	Manvel-Badland complex, 6 to 40 percent slopes	B	1.25	0.37	Intermediate
1704	Otero	Otero fine sandy loam, 1 to 3 percent slopes	B	0.75	0.2	Intermediate
1705	Otero	Otero fine sandy loam, 3 to 7 percent slopes	B	0.75	0.2	Intermediate
1707	Otero	Otero soils, 3 to 20 percent slopes	B	0.75	0.17	High
1741	Pleasant	Pleasant silty clay loam, ponded	D	2.00	0.32	High
1761	Richfield	Richfield silt loam, 0 to 1 percent slopes	C	1.70	0.43	Low
1762	Richfield	Richfield silt loam, 1 to 3 percent slopes	C	1.50	0.43	Low
1810	Satanta	Satanta loam, 0 to 1 percent slopes	B	1.50	0.28	Low

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1812	Keith	Satanta-Keith complex, 1 to 3 percent slopes	B	1.30	0.43	Intermediate
1812	Satanta	Satanta-Keith complex, 1 to 3 percent slopes	B	1.30	0.24	Intermediate
1856	Ulysses	Ulysses silt loam, 0 to 1 percent slopes	C	1.80	0.43	Low
1857	Ulysses	Ulysses silt loam, 1 to 3 percent slopes	B	1.80	0.43	Intermediate
1859	Ulysses	Ulysses silt loam, 3 to 6 percent slopes	B	2.20	0.43	Low
1867	Colby	Ulysses-Colby silt loams, 1 to 3 percent slopes, eroded	B	0.90	0.43	Low
1867	Ulysses	Ulysses-Colby silt loams, 1 to 3 percent slopes, eroded	C	1.50	0.49	Low
1868	Ulysses	Ulysses-Colby silt loams, 3 to 6 percent slopes, eroded	B	2.00	0.43	Intermediate
1868	Colby	Ulysses-Colby silt loams, 3 to 6 percent slopes, eroded	B	0.80	0.43	Intermediate
1984	Valent	Valent loamy fine sand, 5 to 20 percent slopes	A	0.75	0.17	High
2235	Roxbury	Roxbury silt loam, frequently flooded	B	3.00	0.32	Low
2562	Canlon	Campus-Canlon complex, 3 to 30 percent slopes	D	0.80	0.32	Intermediate
2562	Campus	Campus-Canlon complex, 3 to 30 percent slopes	B	1.20	0.28	Intermediate
2568	Canlon	Canlon soils, 5 to 40 percent slopes	D	0.75	0.32	Low
2686	Lubbock	Lubbock silty clay loam, 0 to 1 percent slopes	B	1.50	0.32	Intermediate
2714	Ness	Ness clay	D	1.50	0.28	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.