

Leaching Index

Logan County, Kansas

Map Symbol	Soil Name	Map Unit Name	Hydrologic Group	OM %	kfact	Leaching Potential
1110	Angelus	Angelus silt loam, occasionally flooded	B	1.00	0.37	Intermediate
1118	Bankard	Bankard loamy sand, occasionally flooded	A	1.00	0.17	High
1122	Bridgeport	Bridgeport loam, channeled	B	2.00	0.28	Low
1123	Bridgeport	Bridgeport loam, occasionally flooded	B	2.50	0.28	Low
1124	Bridgeport	Bridgeport silt loam, channeled	B	2.50	0.32	Low
1138	Caruso	Caruso loam, occasionally flooded	C	2.50	0.28	Intermediate
1185	Las Animas	Las Animas sandy loam, occasionally flooded	C	1.25	0.24	Intermediate
1215	Las	Las loam, moderately deep, occasionally flooded	C	0.50	0.32	Intermediate
1258	Sweetwater	Sweetwater clay loam, occasionally flooded	D	2.50	0.28	High
1318	Bankard	Bankard sandy loam, rarely flooded	A	1.00	0.24	High
1345	Bridgeport	Bridgeport loam, rarely flooded	B	2.50	0.28	Low
1378	Beeler	Beeler-Goshen complex, 0 to 3 percent slopes	B	2.00	0.43	Intermediate
1378	Goshen	Beeler-Goshen complex, 0 to 3 percent slopes	B	2.00	0.32	Intermediate
1422	Goshen	Goshen silt loam, rarely flooded	B	2.00	0.32	Low
1565	Canyon	Canyon loam, 5 to 30 percent slopes	D	2.00	0.37	Low
1579	Colby	Colby silt loam, 3 to 5 percent slopes	B	1.25	0.43	Intermediate
1580	Colby	Colby silt loam, 5 to 15 percent slopes	B	1.25	0.43	Intermediate
1598	Dwyer	Dwyer loamy fine sand, 3 to 15 percent slopes	A	2.00	0.17	High
1603	Elkader	Elkader and Manvel silt loams, 6 to 15 percent slopes	B	2.00	0.32	Low
1603	Manvel	Elkader and Manvel silt loams, 6 to 15 percent slopes	B	1.25	0.37	Low
1604	Elkader	Elkader silt loam, 0 to 1 percent slopes	B	2.00	0.32	Low
1605	Elkader	Elkader silt loam, 1 to 3 percent slopes	B	2.00	0.32	Low
1606	Elkader	Elkader silt loam, 3 to 6 percent slopes	B	2.00	0.32	Low
1607	Elkader	Elkader silt loam, 6 to 15 percent slopes	B	2.00	0.32	Low
1619	Keith	Keith silt loam, 0 to 1 percent slopes	C	2.00	0.43	Low
1623	Keith	Keith silt loam, 1 to 3 percent slopes, south	C	2.60	0.37	Low

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1634	Otero	Kim-Otero complex, 6 to 25 percent slopes	B	1.25	0.2	Low
1634	Kim	Kim-Otero complex, 6 to 25 percent slopes	B	1.00	0.32	Low
1652	Kuma	Kuma silt loam, 0 to 1 percent slopes	B	3.00	0.32	Low
1657	Limon	Limon clay, 0 to 1 percent slopes	C	0.75	0.24	Low
1661	Limon	Limon clay, 1 to 3 percent slopes	C	0.75	0.24	Low
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	3.00	0.2	Low
1688	Manvel	Manvel silt loam, 1 to 3 percent slopes	B	1.25	0.37	Intermediate
1691	Manvel	Manvel-Badland complex, 6 to 40 percent slopes	B	1.25	0.37	Intermediate
1692	Midway	Midway clay, 7 to 30 percent slopes	D	1.25	0.32	Low
1697	Minnequa	Minnequa-Penrose silt loams, 5 to 15 percent slopes	C	1.25	0.37	Low
1697	Penrose	Minnequa-Penrose silt loams, 5 to 15 percent slopes	D	0.75	0.32	Low
1706	Otero	Otero fine sandy loam, 7 to 15 percent slopes	B	1.25	0.2	Low
1741	Pleasant	Pleasant silty clay loam, ponded	D	3.50	0.32	High
1748	Razor	Razor clay, 1 to 6 percent slopes	C	1.25	0.37	Low
1761	Richfield	Richfield silt loam, 0 to 1 percent slopes	C	1.70	0.43	Low
1820	Schamber	Schamber gravelly sandy loam, 5 to 25 percent slopes	A	1.25	0.17	High
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
1863	Ulysses	Ulysses silty clay loam, 1 to 3 slopes	B	2.00	0.32	Intermediate
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
1869	Colby	Ulysses-Colby silt loams, 6 to 15 percent slopes, eroded	B	1.30	0.43	Intermediate

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1869	Ulysses	Ulysses-Colby silt loams, 6 to 15 percent slopes, eroded	B	2.00	0.43	Intermediate
2115	Inavale	Inavale soils, frequently flooded	A	0.75	0.17	High
2235	Roxbury	Roxbury silt loam, frequently flooded	B	3.00	0.32	Low
2310	Bridgeport	Bridgeport silt loam, rarely flooded	B	2.50	0.32	Low
2562	Canlon	Campus-Canlon complex, 3 to 30 percent slopes	D	0.70	0.32	Low
2562	Campus	Campus-Canlon complex, 3 to 30 percent slopes	C	0.75	0.28	Low
2684	Lubbock	Lubbock silt loam, 0 to 1 percent slopes	B	2.00	0.32	Low
2714	Ness	Ness clay	D	1.50	0.28	High
2798	Simeon	Simeon loamy sand, 5 to 15 percent slopes	A	0.75	0.17	High
5240	Likes	Likes loamy sand, 0 to 3 percent slopes	A	0.50	0.17	High
6060	Lincoln	Lincoln soils, frequently flooded	A	1.00	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.