

Leaching Index

Lane 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
1122	Bridgeport	Bridgeport loam, channeled	B	1.50	0.32	Intermediate
1140	Caruso	Caruso silt loam, saline, occasionally flooded	C	2.00	0.28	Intermediate
1345	Bridgeport	Bridgeport loam, rarely flooded	B	2.00	0.28	Intermediate
1360	Nebel	Nebel silt loam, 0 to 1 percent slopes	C/D	1.80	0.43	Intermediate
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
1605	Elkader	Elkader silt loam, 1 to 3 percent slopes	B	1.50	0.32	Low
1606	Elkader	Elkader silt loam, 3 to 6 percent slopes	B	2.00	0.32	Low
1619	Keith	Keith silt loam, 0 to 1 percent slopes	C	2.00	0.43	Low
1637	Penden	Kim-Penden clay loams, 6 to 15 percent slopes	B	2.50	0.28	Intermediate
1637	Kim	Kim-Penden clay loams, 6 to 15 percent slopes	B	0.75	0.32	Intermediate
1638	Penden	Kim-Penden clay loams, 6 to 15 percent slopes, eroded	B	2.00	0.28	Intermediate
1638	Kim	Kim-Penden clay loams, 6 to 15 percent slopes, eroded	B	0.75	0.32	Intermediate
1691	Manvel	Manvel-Badland complex, 6 to 40 percent slopes	B	1.25	0.37	Intermediate
1694	Minnequa	Minnequa-Badland complex, 1 to 50 percent slopes	C	0.75	0.32	Low
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	0.2	Intermediate
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
1770	Richfield	Richfield-Ulysses silt loams, 1 to 3 percent slopes	C	2.00	0.43	Low
1770	Ulysses	Richfield-Ulysses silt loams, 1 to 3 percent slopes	C	1.50	0.49	Low
1771	Ulysses	Richfield-Ulysses silt loams, 3 to 6 percent slopes	C	1.50	0.49	Low
1771	Richfield	Richfield-Ulysses silt loams, 3 to 6 percent slopes	C	1.50	0.43	Low
1810	Satanta	Satanta loam, 0 to 1 percent slopes	B	1.50	0.28	Low

Leaching Index

Lane County, Kansas

Map Symbol	Soil Name	Map Unit Name	Hydrologic Group	OM %	kfact	Leaching Potential
1820	Schamber	Schamber gravelly sandy loam, 5 to 25 percent slopes	A	0.75	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
1867	Ulysses	Ulysses-Colby silt loams, 1 to 3 percent slopes, eroded	C	1.50	0.49	Low
1867	Colby	Ulysses-Colby silt loams, 1 to 3 percent slopes, eroded	B	0.90	0.43	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
1869	Colby	Ulysses-Colby silt loams, 6 to 15 percent slopes, eroded	B	1.30	0.43	Intermediate
1869	Ulysses	Ulysses-Colby silt loams, 6 to 15 percent slopes, eroded	B	2.00	0.43	Intermediate
1984	Valent	Valent loamy fine sand, 5 to 20 percent slopes	A	0.75	0.17	High
2204	Inavale	Munjor-Inavale complex, occasionally flooded	A	0.75	0.17	Intermediate
2204	Munjor	Munjor-Inavale complex, occasionally flooded	B	0.75	0.24	Intermediate
2235	Roxbury	Roxbury silt loam, frequently flooded	B	3.00	0.32	Low
2310	Bridgeport	Bridgeport silt loam, rarely flooded	B	2.00	0.32	Low
2375	Roxbury	Roxbury silt loam, rarely flooded	B	3.00	0.37	Low
2562	Campus	Campus-Canlon complex, 3 to 30 percent slopes	B	1.20	0.28	Intermediate
2562	Canlon	Campus-Canlon complex, 3 to 30 percent slopes	D	0.80	0.32	Intermediate
2570	Campus	Canlon-Campus complex, 1 to 40 percent slopes	B	1.20	0.28	Intermediate
2570	Canlon	Canlon-Campus complex, 1 to 40 percent slopes	D	1.00	0.32	Intermediate
2588	Coly	Coly-Uly silt loams, 3 to 6 percent slopes, eroded	B	2.00	0.43	Intermediate
2588	Uly	Coly-Uly silt loams, 3 to 6 percent slopes, eroded	B	2.00	0.43	Intermediate
2612	Harney	Harney silt loam, 0 to 1 percent slopes	C	2.00	0.43	Low

Leaching Index

Lane County, Kansas

Map Symbol	Soil Name	Map Unit Name	Hydrologic Group	OM %	kfact	Leaching Potential
2613	Harney	Harney silt loam, 1 to 3 percent slopes	C	2.00	0.43	Low
2626	Harney	Harney-Richfield complex, 0 to 1 percent slopes	B	2.00	0.32	Low
2626	Richfield	Harney-Richfield complex, 0 to 1 percent slopes	B	1.50	0.32	Low
2714	Ness	Ness clay	D	2.00	0.32	High
2745	Penden	Penden clay loam, 1 to 3 percent slopes	B	0.75	0.28	Intermediate
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	0.75	0.28	Intermediate
2763	Penden	Penden-Kim clay loams, 3 to 6 percent slopes, eroded	B	0.75	0.28	Intermediate
2763	Kim	Penden-Kim clay loams, 3 to 6 percent slopes, eroded	B	0.75	0.32	Intermediate
2765	Penden	Penden-Roxbury complex, 0 to 15 percent slopes	B	1.50	0.28	Low
2765	Roxbury	Penden-Roxbury complex, 0 to 15 percent slopes	B	2.00	0.32	Low
2815	Uly	Uly silt loam, 1 to 3 percent slopes	B	2.00	0.43	Intermediate
2817	Uly	Uly silt loam, 3 to 6 percent slopes	B	2.00	0.43	Intermediate
2821	Uly	Uly-Coly silt loams, 1 to 3 percent slopes, eroded	B	1.50	0.32	Intermediate
2821	Coly	Uly-Coly silt loams, 1 to 3 percent slopes, eroded	B	0.75	0.43	Intermediate

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.