

Leaching Index

Grant County, Kansas

Map Symbol	Soil Name	Map Unit Name	Hydrologic Group	OM %	kfact	Leaching Potential
1159	Glenberg	Glenberg soils, occasionally flooded	B	0.75	0.24	Intermediate
1170	Happyditch	Happyditch loamy fine sand, occasionally flooded	A	0.75	0.15	High
1171	Happyditch	Happyditch sand, frequently flooded	A	0.75	0.1	High
1327	Bayard	Bayard fine sandy loam, 0 to 3 percent slopes	B	0.75	0.2	Intermediate
1344	Bridgeport	Bridgeport fine sandy loam, rarely flooded	B	1.50	0.2	Low
1349	Bridgeport	Bridgeport silty clay loam, rarely flooded	B	1.50	0.32	Low
1370	Lubbock	Lubbock silty clay loam, saline, 0 to 1 percent slopes	C	2.00	0.32	Low
1422	Goshen	Goshen silt loam, rarely flooded	B	1.50	0.32	Low
1454	Ryus	Ryus silty clay loam, 0 to 1 percent slopes	B	1.50	0.32	Intermediate
1462	Shore	Shore loam, rarely flooded	B	2.00	0.37	Intermediate
1510	Atchison	Atchison clay loam, 3 to 6 percent slopes	B	0.75	0.32	Intermediate
1511	Atchison	Atchison loam, 1 to 3 percent slopes	B	0.75	0.32	Intermediate
1512	Atchison	Atchison loam, 6 to 9 percent slopes	B	0.75	0.32	Intermediate
1572	Colby	Colby loam, 5 to 12 percent slopes	B	0.75	0.43	Intermediate
1579	Colby	Colby silt loam, 3 to 5 percent slopes	B	0.75	0.43	Intermediate
1592	Colby	Colby-Ulysses complex, 3 to 6 percent slopes, eroded	B	0.80	0.49	Intermediate
1592	Ulysses	Colby-Ulysses complex, 3 to 6 percent slopes, eroded	B	1.50	0.43	Intermediate
1611	Vorhees	Vorhees fine sandy loam, 1 to 3 percent slopes	B	0.75	0.24	Intermediate
1613	Zella	Zella loam, 0 to 1 percent slopes	B	1.88	0.37	Intermediate
1615	Zella	Hugoton and Zella loams, 0 to 1 percent slopes	B	1.88	0.37	Intermediate
1615	Hugoton	Hugoton and Zella loams, 0 to 1 percent slopes	B	2.00	0.37	Intermediate
1616	Feterita	Feterita clay, 0 to 1 percent slopes	D	3.00	0.37	High
1617	Hugoton	Hugoton loam, 0 to 1 percent slopes	B	2.00	0.37	Intermediate
1618	Hugoton	Hugoton loam, 1 to 3 percent slopes	B	2.00	0.37	Intermediate
1667	Manter	Manter fine sandy loam, 0 to 1 percent slopes	B	0.75	0.2	Intermediate

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1668	Manter	Manter fine sandy loam, 1 to 3 percent slopes	B	0.75	0.2	Intermediate
1706	Otero	Otero fine sandy loam, 7 to 15 percent slopes	B	0.75	0.2	Intermediate
1709	Otero	Otero-Manter fine sandy loams, 1 to 3 percent slopes	B	0.75	0.2	Intermediate
1709	Manter	Otero-Manter fine sandy loams, 1 to 3 percent slopes	B	1.50	0.2	Intermediate
1712	Otero	Otero-Schamber complex, 5 to 20 percent slopes	B	0.75	0.2	Low
1712	Schamber	Otero-Schamber complex, 5 to 20 percent slopes	A	0.75	0.17	Low
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
1808	Satanta	Satanta fine sandy loam, 0 to 1 percent slopes	B	1.50	0.2	Intermediate
1809	Satanta	Satanta fine sandy loam, 1 to 3 percent slopes	B	1.50	0.2	Intermediate
1810	Satanta	Satanta loam, 0 to 1 percent slopes	B	1.50	0.28	Intermediate
1815	Vona	Satanta-Vona complex, 0 to 3 percent slopes	A	0.70	0.17	Intermediate
1815	Satanta	Satanta-Vona complex, 0 to 3 percent slopes	B	1.30	0.17	Intermediate
1854	Ulysses	Ulysses loam, 1 to 3 percent slopes	B	1.50	0.43	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
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
1982	Valent	Valent fine sand, 5 to 20 percent slopes	A	0.75	0.15	High
1983	Valent	Valent fine sand, 20 to 40 percent slopes	A	0.75	0.15	High
1986	Valent	Valent-Vona loamy fine sands, 0 to 15 percent slopes	A	0.75	0.17	High
1986	Vona	Valent-Vona loamy fine sands, 0 to 15 percent slopes	B	0.75	0.17	High
1987	Vona	Vona loamy fine sand, 0 to 5 percent slopes	B	0.75	0.17	High
1995	Wagonbed	Wagonbed silty clay loam, 0 to 1 percent slopes	B	1.50	0.28	Intermediate

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1996	Wagonbed	Wagonbed silty clay loam, 1 to 3 percent slopes	B	1.50	0.28	Intermediate
2155	Lesho	Lesho, saline-Las Animas complex, occasionally flooded	C	1.50	0.28	Intermediate
2155	Las Animas	Lesho, saline-Las Animas complex, occasionally flooded	C	0.75	0.24	Intermediate
2714	Ness	Ness clay	D	2.00	0.32	High
3593	Humbarger	Humbarger loam, occasionally flooded	B	1.50	0.28	Low
5110	Atchison	Atchison fine sandy loam, 1 to 3 percent slopes	B	0.75	0.17	Intermediate
5205	Canina	Canina loam, 0 to 1 percent slopes	B	0.80	0.37	Intermediate
5206	Canina	Canina loam, 1 to 3 percent slopes	B	0.80	0.37	Intermediate
5210	Belfon	Belfon loam, 0 to 1 percent slopes	B	2.00	0.32	Low
5211	Bigbow	Bigbow fine sandy loam, 0 to 1 percent slopes	B	0.80	0.24	Intermediate
5212	Bigbow	Bigbow loamy fine sand, 0 to 3 percent slopes	B	0.75	0.28	High
5232	Eva	Eva loamy fine sand, 1 to 3 percent slopes	A	0.75	0.28	High
5234	Eva	Eva loamy fine sand, 3 to 8 percent slopes	A	0.75	0.17	High
5236	Optima	Eva-Optima loamy fine sands, 5 to 15 percent slopes	A	0.50	0.17	High
5236	Eva	Eva-Optima loamy fine sands, 5 to 15 percent slopes	A	0.75	0.17	High
5237	Forgan	Forgan loam, 0 to 1 percent slopes	B	2.00	0.37	Intermediate
5239	Lautz	Lautz silty clay, 0 to 1 percent slopes, occasionally ponded	D	1.65	0.32	Low
5257	Optima	Optima loamy fine sand, 5 to 15 percent slopes	A	0.50	0.17	High
6060	Lincoln	Lincoln soils, frequently flooded	A	0.75	0.24	High
9982	Fluents	Fluents, frequently flooded	B	0.75	0.37	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.