

Leaching Index

Comanche County, Kansas

Map Symbol	Soil Name	Map Unit Name	Hydrologic Group	OM %	kfact	Leaching Potential
2152	Lesho	Lesho clay loam, occasionally flooded	C	2.00	0.28	Intermediate
2236	Roxbury	Roxbury silt loam, occasionally flooded	B	2.50	0.32	Low
2613	Harney	Harney silt loam, 1 to 3 percent slopes	C	2.00	0.43	Low
2668	Holdrege	Holdrege silt loam, 1 to 3 percent slopes	B	2.00	0.32	Intermediate
2710	Missler	Missler silty clay loam, 0 to 1 percent slopes	B	1.50	0.32	Intermediate
3382	Hedville	Hedville-Rock outcrop complex, 5 to 30 percent slopes	D	2.50	0.2	Low
3396	Lancaster	Lancaster-Hedville complex, 3 to 20 percent slopes	C	2.00	0.32	Low
3396	Hedville	Lancaster-Hedville complex, 3 to 20 percent slopes	D	3.00	0.37	Low
5310	Clairemont	Clairemont loam, channeled	B	1.00	0.43	Intermediate
5312	Clairemont	Clairemont silt loam, occasionally flooded	B	1.00	0.43	Intermediate
5318	Kanza	Kanza loamy fine sand, frequently flooded	D	2.00	0.17	High
5326	Krier	Krier loam, occasionally flooded	D	1.25	0.32	High
5334	Port	Port silt loam, occasionally flooded	B	2.00	0.37	Low
5336	Yahola	Yahola fine sandy loam, occasionally flooded	B	0.75	0.2	Intermediate
5350	Buttermilk	Buttermilk silt loam, rarely flooded	B	2.00	0.32	Low
5355	Kaski	Kaski loam, rarely flooded	B	2.00	0.28	Low
5401	Abilene	Abilene silt loam, 0 to 1 percent slopes	C	2.00	0.37	Low
5403	Abilene	Abilene silt loam, 1 to 3 percent slopes	C	2.00	0.37	Low
5411	Carey	Carey silt loam, 0 to 1 percent slopes	B	2.00	0.37	Low
5412	Carey	Carey silt loam, 1 to 3 percent slopes	B	1.50	0.37	Intermediate
5413	Carey	Carey silt loam, 3 to 6 percent slopes	B	2.00	0.37	Low
5414	Case	Case clay loam, 1 to 3 percent slopes	B	1.25	0.32	Intermediate
5416	Case	Case clay loam, 3 to 7 percent slopes	B	1.25	0.32	Intermediate
5417	Case	Case clay loam, 7 to 15 percent slopes	B	1.25	0.32	Intermediate
5421	Clark	Clark-Kingsdown complex, 5 to 12 percent slopes	B	1.50	0.28	Intermediate
5421	Kingsdown	Clark-Kingsdown complex, 5 to 12 percent slopes	B	1.50	0.2	Intermediate

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5427	Kingsdown	Kingsdown fine sandy loam, 0 to 2 percent slopes	B	1.50	0.2	Intermediate
5428	Kingsdown	Kingsdown fine sandy loam, 2 to 5 percent slopes	B	1.50	0.2	Intermediate
5436	Obaro	Obaro silty clay loam, 5 to 12 percent slopes	B	0.50	0.43	Intermediate
5439	Obaro	Obaro-Rock outcrop complex, 10 to 30 percent slopes	B	0.50	0.43	Intermediate
5452	Wellsford	Wellsford clay, 6 to 25 percent slopes	D	1.25	0.32	Low
5457	Woodward	Quinlan-Woodward loams, 6 to 15 percent slopes	B	1.25	0.37	Low
5457	Quinlan	Quinlan-Woodward loams, 6 to 15 percent slopes	C	0.50	0.37	Low
5458	Woodward	Quinlan-Woodward loams, 15 to 30 percent slopes	B	1.25	0.37	Low
5458	Quinlan	Quinlan-Woodward loams, 15 to 30 percent slopes	C	0.50	0.37	Low
5460	St. Paul	St. Paul silt loam, 0 to 1 percent slopes	B	2.00	0.37	Intermediate
5461	St. Paul	St. Paul silt loam, 1 to 3 percent slopes	B	2.00	0.37	Intermediate
5467	Westview	Westview silt loam, 0 to 1 percent slopes	B	2.00	0.37	Low
5490	Woodward	Woodward loam, 1 to 3 percent slopes	B	1.25	0.37	Low
5496	Quinlan	Woodward-Quinlan loams, 3 to 6 percent slopes	C	0.50	0.37	Low
5496	Woodward	Woodward-Quinlan loams, 3 to 6 percent slopes	B	1.25	0.37	Low
5670	Waldeck	Waldeck fine sandy loam, occasionally flooded	C	1.50	0.2	Intermediate
5690	Zenda	Zenda clay loam, occasionally flooded	C	2.00	0.28	Intermediate
5853	Albion	Albion sandy loam, 1 to 3 percent slopes	B	1.50	0.2	Intermediate
5859	Albion	Albion-Shellabarger sandy loams, 3 to 15 percent slopes	B	1.50	0.2	Intermediate
5859	Shellabarger	Albion-Shellabarger sandy loams, 3 to 15 percent slopes	B	1.50	0.2	Intermediate
5872	Clark	Clark clay loam, 0 to 1 percent slopes	B	1.50	0.28	Intermediate
5873	Clark	Clark clay loam, 1 to 3 percent slopes	B	1.50	0.28	Intermediate

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5874	Clark	Clark clay loam, 3 to 6 percent slopes	B	1.50	0.28	Intermediate
5892	Farnum	Farnum loam, 0 to 1 percent slopes	B	2.00	0.28	Low
5893	Farnum	Farnum loam, 1 to 3 percent slopes	B	2.00	0.28	Low
5920	Ost	Ost clay loam, 3 to 6 percent slopes	B	2.00	0.32	Intermediate
5928	Pratt	Pratt loamy fine sand, 1 to 5 percent slopes	A	0.70	0.28	High
5929	Pratt	Pratt loamy fine sand, 5 to 12 percent slopes	A	0.70	0.28	High
5941	Pratt	Pratt-Tivoli loamy fine sands, 5 to 15 percent slopes	A	0.75	0.17	High
5941	Tivoli	Pratt-Tivoli loamy fine sands, 5 to 15 percent slopes	A	0.50	0.17	High
5952	Shellabarger	Shellabarger loam, 3 to 6 percent slopes	B	1.50	0.28	Intermediate
5955	Shellabarger	Shellabarger sandy loam, 0 to 1 percent slopes	B	1.50	0.2	Intermediate
5956	Shellabarger	Shellabarger sandy loam, 1 to 3 percent slopes	B	1.50	0.2	Intermediate
5957	Shellabarger	Shellabarger sandy loam, 3 to 6 percent slopes	B	1.50	0.2	Intermediate
5972	Tivoli	Tivoli fine sand, 5 to 30 percent slopes	A	0.75	0.15	High
6050	Elandco	Elandco silt loam, channeled	B	2.00	0.43	Low
6052	Elandco	Elandco silt loam, occasionally flooded	B	2.00	0.43	Low
6057	Lincoln	Lincoln loamy sand, occasionally flooded	A	0.50	0.17	High
6059	Lincoln	Lincoln sandy loam, occasionally flooded	A	0.50	0.2	High
6062	Krier	Lincoln-Krier complex, occasionally flooded	D	0.75	0.32	High
6062	Lincoln	Lincoln-Krier complex, occasionally flooded	A	0.50	0.17	High
6224	Canadian	Canadian fine sandy loam, rarely flooded	B	2.00	0.2	Intermediate
6240	Dale	Dale silt loam, rarely flooded	B	2.00	0.37	Low
6323	Blanket	Blanket silt loam, 1 to 3 percent slopes	C	2.00	0.37	Low
6324	Blanket	Blanket silty clay loam, 1 to 3 percent slopes, eroded	C	2.00	0.37	Low
6341	Grant	Grant silt loam, 1 to 3 percent slopes	B	2.00	0.37	Low
6408	Pond Creek	Pond Creek silt loam, 0 to 1 percent slopes	B	2.00	0.37	Low
6409	Pond Creek	Pond Creek silt loam, 1 to 3 percent slopes	B	2.00	0.37	Low

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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.