Leaching Index
Morton County, Kansas

Map Symbol	Soil Name	Map Unit Name	Hydrologic Group	OM %	kfact	Leaching Potential
1158	Glenberg	Glenberg fine sandy loam, 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
1178	Haverson	Haverson fine sandy loam, occasionally flooded	B	1.25	0.28	Intermediate
1414	Glenberg	Glenberg fine sandy loam, rarely flooded	B	0.75	0.24	Intermediate
1446	Happyditch	Happyditch loamy sand, rarely flooded	A	0.75	0.1	High
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
1515	Atchison	Atchison-Rock outcrop complex, 6 to 20 percent slopes	B	0.75	0.32	Low
1550	Belfon	Belfon clay loam, 0 to 1 percent slopes	B	1.80	0.28	Intermediate
1611	Vorhees	Vorhees fine sandy loam, 1 to 3 percent slopes	B	0.75	0.24	Intermediate
1614	Zella	Zella silt loam, 0 to 1 percent slopes	B	1.95	0.32	Intermediate
1616	Feterita	Feterita clay, 0 to 1 percent slopes	D	3.00	0.37	High
1706	Otero	Otero fine sandy loam, 7 to 15 percent slopes	B	1.25	0.2	Intermediate
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	1.30	0.24	Intermediate
1810	Satanta	Satanta loam, 0 to 1 percent slopes	B	1.50	0.28	Intermediate
1841	Twobutte	Twobutte loam, 2 to 6 percent slopes	B	1.50	0.28	Intermediate
1856	Ulysses	Ulysses silt loam, 0 to 1 percent slopes	C	1.80	0.43	Low
1995	Wagonbed	Wagonbed silty clay loam, 0 to 1 percent slopes	B	1.50	0.28	Intermediate
1996	Wagonbed	Wagonbed silty clay loam, 1 to 3 percent slopes	B	1.50	0.28	Intermediate
5110	Atchison	Atchison fine sandy loam, 1 to 3 percent slopes	B	0.75	0.17	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

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Map Symbol	Soil Name	Map Unit Name	Hydrologic Group	OM %	kfact	Leaching Potential
5212	Bigbow	Bigbow loamy fine sand, 0 to 3 percent slopes	B	0.75	0.28	High
5216	Eva	Dalhart-Eva Loamy Fine Sand, 3 to 8 percent slopes	A	0.75	0.17	Intermediate
5216	Dalhart	Dalhart-Eva Loamy Fine Sand, 3 to 8 percent slopes	B	0.75	0.17	Intermediate
5217	Dalhart	Dalhart fine sandy loam, 0 to 1 percent slopes	B	0.75	0.24	Intermediate
5218	Dalhart	Dalhart fine sandy loam, 1 to 3 percent slopes	B	0.75	0.24	Intermediate
5219	Dalhart	Dalhart loamy fine sand, 0 to 3 percent slopes	B	0.75	0.17	Intermediate
5220	Dalhart	Dalhart loamy fine sand, 3 to 5 percent slopes	B	0.75	0.17	Intermediate
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	0.1	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	0.1	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
5256	Optima	Optima loamy fine sand, 1 to 5 percent slopes	A	0.50	0.17	High
5257	Optima	Optima loamy fine sand, 5 to 15 percent slopes	A	0.50	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.