

Leaching Index

Wyandotte County, Kansas

Map Symbol	Soil Name	Map Unit Name	Hydrologic Group	OM %	kfact	Leaching Potential
7006	Bismarckgrove	Bismarckgrove silt loam, occasionally flooded	B	2.50	0.32	Intermediate
7035	Bismarckgrove	Eudora-Bismarckgrove fine sandy loams, overwash, occasionally flooded	B	1.20	0.2	Intermediate
7035	Eudora	Eudora-Bismarckgrove fine sandy loams, overwash, occasionally flooded	B	1.20	0.2	Intermediate
7036	Bismarckgrove	Eudora-Bismarckgrove silt loams, occasionally flooded	B	2.50	0.32	Intermediate
7036	Eudora	Eudora-Bismarckgrove silt loams, occasionally flooded	B	1.75	0.32	Intermediate
7050	Kennebec	Kennebec silt loam, occasionally flooded	C	3.00	0.37	Intermediate
7051	Kennebec	Kennebec silt loam, frequently flooded	B	5.50	0.28	Intermediate
7055	Kimo	Kimo silty clay loam, occasionally flooded	C	3.00	0.37	Intermediate
7087	Sarpy	Sarpy-Haynie complex, occasionally flooded	A	0.50	0.17	High
7087	Haynie	Sarpy-Haynie complex, occasionally flooded	B	1.20	0.37	High
7089	Eudora	Stonehouse-Eudora fine sandy loams, overwash, occasionally flooded	B	1.20	0.2	High
7089	Stonehouse	Stonehouse-Eudora fine sandy loams, overwash, occasionally flooded	A	1.20	0.2	High
7095	Kiro	Kiro silty clay, depressional, occasionally flooded	C	4.00	0.37	High
7099	Zook	Zook silty clay loam, occasionally flooded	C/D	4.00	0.37	High
7106	Eudora	Eudora-Bismarckgrove silt loams, rarely flooded	B	1.75	0.32	Intermediate
7106	Bismarckgrove	Eudora-Bismarckgrove silt loams, rarely flooded	B	2.50	0.32	Intermediate
7107	Bismarckgrove	Bismarckgrove-Kimo complex, rarely flooded	B	2.50	0.32	Intermediate
7107	Kimo	Bismarckgrove-Kimo complex, rarely flooded	C	3.00	0.37	Intermediate
7119	Eudora	Eudora-Urban land complex, rarely flooded	B	1.75	0.32	Intermediate
7123	Eudora	Eudora silt loam, rarely flooded	B	1.75	0.32	Intermediate
7155	Kimo	Kimo silty clay loam, rarely flooded	C	3.00	0.37	Intermediate
7170	Reading	Reading silt loam, rarely flooded	B	3.00	0.32	Low
7176	Rossville	Rossville silt loam, very rarely flooded	B	2.50	0.28	Intermediate
7208	Muscotah	Muscotah silty clay loam, very rarely flooded	D	3.00	0.37	High

Leaching Index

Wyandotte County, Kansas

Map Symbol	Soil Name	Map Unit Name	Hydrologic Group	OM %	kfact	Leaching Potential
7210	Basehor	Basehor complex, 5 to 30 percent slopes	D	1.50	0.32	Low
7211	Bremer	Bremer silty clay loam, rarely flooded	C	4.00	0.28	High
7214	Eudora	Eudora silt loam, very rarely flooded	B	1.75	0.32	Intermediate
7234	Elmont	Elmont silt loam, 3 to 7 percent slopes, eroded	B	2.00	0.37	Intermediate
7235	Elmont	Elmont silt loam, 7 to 12 percent slopes	B	3.00	0.32	Low
7250	Gosport	Gosport-Sogn complex, 7 to 35 percent slopes	C	1.50	0.43	Low
7250	Sogn	Gosport-Sogn complex, 7 to 35 percent slopes	D	2.00	0.32	Low
7252	Grundy	Grundy silty clay loam, 1 to 3 percent slopes	D	3.00	0.37	High
7254	Grundy	Grundy silty clay loam, 3 to 7 percent slopes, eroded	C	3.00	0.37	High
7262	Gymer	Gymer silt loam, 3 to 7 percent slopes, eroded	C	2.00	0.43	Low
7270	Falleaf	Falleaf-Grinter soils, 4 to 8 percent slopes	B	2.00	0.28	Intermediate
7270	Grinter	Falleaf-Grinter soils, 4 to 8 percent slopes	A	2.10	0.05	Intermediate
7271	Falleaf	Falleaf-Grinter soils, 8 to 20 percent slopes	B	2.00	0.28	Low
7271	Grinter	Falleaf-Grinter soils, 8 to 20 percent slopes	A	2.10	0.05	Low
7285	Ladoga	Ladoga silt loam, 3 to 8 percent slopes	B	2.50	0.32	Intermediate
7286	Ladoga	Ladoga silt loam, 8 to 15 percent slopes	B	2.50	0.32	Intermediate
7290	Marshall	Marshall silt loam, 2 to 5 percent slopes	B	3.00	0.32	Low
7291	Marshall	Marshall silt loam, 5 to 9 percent slopes	B	3.00	0.32	Intermediate
7292	Marshall	Marshall silt loam, 9 to 15 percent slopes	B	3.00	0.32	Intermediate
7302	Martin	Martin silty clay loam, 3 to 7 percent slopes	C	3.00	0.37	Intermediate
7305	Martin	Martin silty clay loam, 7 to 12 percent slopes, eroded	D	3.00	0.32	High
7460	Oska	Oska silty clay loam, 3 to 6 percent slopes	C	3.00	0.37	Low
7501	Pawnee	Pawnee clay loam, 4 to 8 percent slopes, eroded	D	3.50	0.32	High
7540	Sharpsburg	Sharpsburg silty clay loam, 1 to 4 percent slopes	C	3.00	0.32	Intermediate
7542	Sharpsburg	Sharpsburg silty clay loam, 4 to 8 percent slopes, eroded	C	3.00	0.32	Intermediate

Leaching Index

Wyandotte County, Kansas

Map Symbol	Soil Name	Map Unit Name	Hydrologic Group	OM %	kfact	Leaching Potential
7545	Sharpsburg	Sharpsburg-Urban land complex, 4 to 8 percent slopes	C	3.00	0.32	Intermediate
7588	Shelby	Shelby loam, 1 to 3 percent slopes	B	3.00	0.28	Low
7589	Shelby	Shelby loam, 3 to 7 percent slopes	B	3.00	0.28	Low
7590	Shelby	Shelby loam, 7 to 12 percent slopes	B	3.00	0.28	Low
7591	Pawnee	Shelby-Pawnee complex, 3 to 7 percent slopes	D	3.00	0.37	Low
7591	Shelby	Shelby-Pawnee complex, 3 to 7 percent slopes	B	3.00	0.28	Low
7592	Shelby	Shelby-Pawnee complex, 3 to 7 percent slopes, eroded	B	2.50	0.28	Intermediate
7592	Pawnee	Shelby-Pawnee complex, 3 to 7 percent slopes, eroded	D	2.50	0.37	Intermediate
7604	Sibleyville	Sibleyville loam, 3 to 7 percent slopes, eroded	B	2.00	0.43	Intermediate
7658	Vinland	Vinland-Rock outcrop complex, 15 to 45 percent slopes	D	3.00	0.32	Low
7659	Sibleyville	Vinland-Sibleyville complex, 5 to 12 percent slopes	B	2.50	0.28	Low
7659	Vinland	Vinland-Sibleyville complex, 5 to 12 percent slopes	D	2.50	0.28	Low
7674	Welda	Welda silt loam, 4 to 8 percent slopes	C	4.00	0.49	Low
7675	Welda	Welda silt loam, 8 to 15 percent slopes	B	4.00	0.49	Low
7741	Haynie	Haynie silt loam, occasionally flooded	B	2.00	0.37	Intermediate
7763	Onawa	Onawa silty clay loam, occasionally flooded	D	2.50	0.32	Intermediate
7764	Onawa	Onawa soils, occasionally flooded, overwash	D	2.00	0.32	Intermediate
7850	Judson	Judson silt loam, 0 to 1 percent slopes	B	4.50	0.28	Low
7906	Armster	Armster clay loam, 3 to 8 percent slopes, eroded	C	2.00	0.37	Intermediate
7907	Armster	Armster clay loam, 8 to 12 percent slopes, eroded	C	2.00	0.37	Intermediate
7950	Gosport	Gosport complex, 10 to 30 percent slopes	C	1.50	0.43	Low
7955	Knox	Knox silt loam, 7 to 12 percent slopes	B	2.00	0.32	Intermediate
7956	Knox	Knox silt loam, 12 to 18 percent slopes	B	2.00	0.32	Low

Leaching Index

Wyandotte County, Kansas

Map Symbol	Soil Name	Map Unit Name	Hydrologic Group	OM %	kfact	Leaching Potential
7957	Sogn	Knox complex, 18 to 30 percent slopes	D	2.00	0.32	Low
7957	Knox	Knox complex, 18 to 30 percent slopes	B	2.00	0.32	Low
7958	Knox	Knox silty clay loam, 7 to 12 percent slopes, eroded	B	1.50	0.32	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.