

WIN-PST SPISP II
SOIL SENSITIVITY TO PESTICIDE LOSS RATING REPORT

Soils Data Table: SOIL_KS Sort Order: MUSYM

Franklin County, Kansas: KS059

						SPISP II Ratings		
MUSYM/SEQ#	COMPONENT/TEXTURE/MU%	HYD	KFACT	SURFACE DEPTH	% OM	Leaching	Solution	Adsorbed
						(SLP)	Runoff (SSRP)	Runoff (SARP)
003DB 1	DENNIS SIL 85%	C	0.43	10"	2.0%	H (w)	H	H
003EC 1	ERAM SICL 90%	C	0.37	10"	2.0%	H (w)	H	H
003LA 1	LANTON SICL 85%	C	0.37	8"	3.0%	H (w)	H	H
031EC 1	ERAM SIL 90%	C	0.43	9"	2.0%	H (w)	H	H
139CM 1	CLARESON SICL 55%	C	0.32	8"	3.3%	L	H	H
139CM 2	ERAM SICL 30%	C	0.37	9"	2.0%	H (w)	H	H
602CB 1	CATOOSA SIL 100%	B	0.37	12"	2.0%	I	I	I
602CM 1	CLARESON SICL 60%	C	0.32	11"	2.5%	L	H	H
602CM 2	ROCK OUTCROP UWB 20%	D	0.00	60"	0.0%	V	H	L
602LA 1	LANTON SIL 90%	C	0.37	14"	3.0%	H (w)	H	H
602VC 1	VERDIGRIS SIL 85%	B	0.32	9"	3.0%	I	I	I
AED 1	ARENTS, EARTHEN DAM 100%		0.00	0"	0.0%	?	?	?
Bc 1	BATES L 85%	B	0.28	11"	2.5%	I	I	I
Bd 1	BATES L 50%	B	0.32	15"	2.5%	I	I	I
Bd 2	COLLINSVILLE L 35%	D	0.32	6"	2.0%	V	H	H
Bh 1	BATES L 50%	B	0.32	19"	2.5%	L	I	I
Bh 2	COLLINSVILLE L 35%	D	0.32	11"	2.0%	V	H	H
Bo 1	BOLIVAR L 60%	B	0.24	13"	1.8%	I	I	I
Bo 2	HECTOR L 25%	D	0.24	9"	1.3%	V	H	H
Bs 1	BOLIVAR L 50%	B	0.24	13"	1.8%	I	I	I
Bs 2	HECTOR L 40%	D	0.24	9"	1.3%	V	H	H
Cm 1	CLARESON SICL 55%	C	0.32	7"	3.3%	L	H	H
Cm 2	ERAM SICL 30%	C	0.37	7"	2.0%	H (w)	H	H
Dc 1	DENNIS SIL 90%	C	0.43	10"	2.0%	H (w)	H	H
Dn 1	DENNIS SIL 60%	C	0.43	10"	2.0%	H (w)	H	H
Dn 2	BATES L 30%	B	0.32	19"	2.5%	L	I	I
Do 1	DENNIS SIL 60%	C	0.43	6"	2.0%	H (w)	H	H

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Do 2	BATES CL 30%	B	0.28	6"	1.5% H	I	I
Ea 1	ERAM SICL 55%	C	0.37	7"	2.0% H (w)	H	H
Ea 2	LEBO SICL 35%	B	0.32	14"	2.5% I	I	I
Ec 1	ERAM SICL 60%	C	0.37	7"	2.0% H (w)	H	H
Ec 2	LULA SIL 25%	B	0.37	7"	2.0% I	I	I
INT 1	AQUOLLS VAR 100%	C	0.00	72"	0.0% ?	H	?
Ke 1	KENOMA SIL 90%	D	0.43	4"	3.0% H (w)	H	H
Le 1	LEANNA SIL 90%	D	0.32	16"	2.5% H (w)	H	H
Ln 1	LEBO ST-SICL 75%	B	0.24	7"	2.5% I	I	H (s)
Ln 2	ROCK OUTCROP 15%	D	0.00	0"	0.0% V	H	L
Lo 1	LULA SIL 90%	B	0.37	9"	2.0% I	I	I
LU 1	LULA SIL 85%	C	0.37	8"	2.0% L	H	H
M-W 1	MISCELLANEOUS WATER 100%		0.00	0"	0.0% ?	?	?
Mb 1	MASON SIL 85%	B	0.37	6"	2.0% I	I	I
Oe 1	OLPE SICL 55%	C	0.43	7"	1.5% L	H	H
Oe 2	KENOMA SIL 30%	D	0.43	4"	3.0% H (w)	H	H
Os 1	OSAGE SICL 85%	D	0.28	6"	2.8% H (w)	H	H
Ov 1	OSAGE SIC 90%	D	0.28	17"	2.5% H (w)	H	H
Pt 1	Pits, quarries VAR 100%		0.00	60"	0.0% ?	?	?
Sn 1	SUMMIT SICL 100%	C	0.37	6"	3.0% H (w)	H	H
So 1	SUMMIT SICL 90%	C	0.37	8"	3.0% H (w)	H	H
Vb 1	VERDIGRIS SIL 90%	B	0.32	9"	3.0% I	I	I
Vc 1	VERDIGRIS SIL 88%	B	0.32	7"	3.0% I	I	I
W 1	WATER 100%		0.00	0"	0.0% ?	?	?
Wb 1	WELDA SIL 90%	C	0.37	4"	0.8% L	H	H
Wo 1	WOODSON SIL 90%	D	0.43	8"	2.5% H (w)	H	H
Wt 1	WOODSON SIL 85%	D	0.43	10"	2.5% H (w)	H	H

(.\REPORTS\SOILS.TXT generated on 12/12/01 at 12:11:15)

H -- High
I -- Intermediate
L -- Low
V -- Very Low

Conditions that affect ratings:

- m -- There are macropores in the surface horizon deeper than 24"
- w -- The high water table comes within 24" of the surface during the growing season
- s -- The field slope is greater than 15%

SPISP II S-Ratings:

- SLP -- Soil Leaching Potential
- SSRP -- Soil Solution Runoff Potential
- SARP -- Soil Adsorbed Runoff Potential