

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

Soils Data Table: SOIL\_KS Sort Order: MUSYM

Linn County, Kansas: KS107

							SPISP II Ratings	
							Leaching	Solution Adsorbed
MUSYM/SEQ#	COMPONENT/TEXTURE/MU%	HYD	KFACT	SURFACE DEPTH	% OM	(SLP)	Runoff (SSRP)	Runoff (SARP)
003CD 1	COLLINSVILLE L 65%	D	0.32	6"	2.0%	V	H	H
003CD 2	BATES L 20%	B	0.32	6"	2.0%	I	I	I
003DE 1	DENNIS SICL 85%	C	0.37	10"	0.8%	H (w)	H	H
003EH 1	ERAM SICL 85%	C	0.37	15"	2.0%	H (w)	H	H
003EK 1	ERAM SICL 60%	C	0.37	15"	2.0%	H (w)	H	H
003EK 2	CLARESON FL-SICL 20%	C	0.24	7"	2.5%	L	H	H
003LE 1	LEANNA SIL 85%	D	0.32	10"	3.0%	H (w)	H	H
003LH 1	LULA SIL 85%	B	0.37	13"	2.0%	I	I	I
003SE 1	STONY LAND 60%		0.00	0"	0.0%	?	?	?
003SE 2	TALIHINA SICL 20%	D	0.37	15"	2.0%	V	H	H
011CA 1	CATOOSA SIL 90%	B	0.37	11"	2.0%	I	I	I
059CM 1	CLARESON SICL 55%	C	0.32	7"	3.3%	L	H	H
059CM 2	ERAM SICL 30%	C	0.37	7"	2.0%	H (w)	H	H
059EC 1	ERAM SICL 60%	C	0.37	7"	2.0%	H (w)	H	H
059EC 2	LULA SIL 25%	B	0.37	7"	2.0%	I	I	I
AED 1	ARENTS, EARTHEN DAM 100%		0.00	0"	0.0%	?	?	?
Ar 1	ARISBURG SIL 85%	C	0.32	9"	2.5%	H (w)	H	H
Bb 1	BATES L 85%	B	0.28	11"	2.5%	I	I	I
Bc 1	BATES L 85%	B	0.28	11"	2.5%	I	I	I
Bu 1	BUCYRUS SIL 85%	C	0.37	8"	2.0%	L	H	H
Bv 1	BUCYRUS SICL 85%	C	0.37	6"	2.0%	L	H	H
Cb 1	CATOOSA SIL 100%	B	0.37	12"	2.0%	I	I	I
Cm 1	CLARESON SICL 60%	C	0.32	11"	2.5%	L	H	H
Cm 2	ROCK OUTCROP UWB 20%	D	0.00	60"	0.0%	V	H	L
De 1	DENNIS SIL 85%	C	0.43	11"	2.0%	H (w)	H	H
Df 1	DENNIS SIL 85%	C	0.43	11"	2.0%	H (w)	H	H
Ec 1	ERAM SICL 85%	C	0.37	9"	2.0%	H (w)	H	H

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Ed 1	ERAM SICL 50%	C	0.37	9"	2.0% H (w)	H	H
Ed 2	SHIDLER sicl 35%	D	0.32	12"	3.0% V	H	H
Ef 1	ERAM SICL 50%	C	0.37	9"	2.0% H (w)	H	H (s)
Ef 2	LEBO CN-SICL 30%	B	0.24	11"	2.0% I	I	H (s)
Gc 1	GRUNDY SIL 100%	C	0.37	11"	3.0% H (w)	H	H
Hp 1	HEPLER SIL 90%	C	0.37	9"	0.5% H (w)	H	H
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
La 1	LANTON SIL 90%	C	0.37	14"	3.0% H (w)	H	H
Lb 1	LEBO CN-SICL 85%	B	0.24	11"	2.0% I	I	H (s)
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
Nf 1	NEWTONIA SIL 100%	B	0.37	13"	2.5% I	I	I
Ng 1	NEWTONIA SIL 100%	B	0.37	13"	2.5% I	I	I
Nh 1	NEWTONIA SIL 100%	B	0.37	13"	2.5% I	I	I
Oh 1	OKEMAH SIL 85%	C	0.43	8"	2.0% H (w)	H	H
Om 1	KANIMA SICL 95%	C	0.28	6"	1.3% L	H	H (s)
Op 1	KANIMA SICL 100%	C	0.28	6"	1.3% L	H	H
Ot 1	OSAGE SICL 85%	D	0.37	23"	2.5% H (w)	H	H
Ov 1	OSAGE SIC 90%	D	0.28	17"	2.5% H (w)	H	H
Pc 1	PARSONS SIL 90%	D	0.49	14"	1.9% H (w)	H	H
Po 1	Pits, quarries VAR 100%		0.00	60"	0.0% ?	?	?
Sn 1	SUMMIT SICL 85%	C	0.37	9"	2.5% H (w)	H	H
So 1	SUMMIT SICL 85%	C	0.37	9"	2.5% H (w)	H	H
Vb 1	VERDIGRIS SIL 90%	B	0.32	9"	3.0% I	I	I
Vc 1	VERDIGRIS SIL 85%	B	0.32	9"	3.0% I	I	I
W 1	WATER 100%		0.00	0"	0.0% ?	?	?
We 1	WELDA SIL 90%	C	0.37	4"	0.8% L	H	H
Wg 1	WAGSTAFF SIL 85%	C	0.37	7"	2.0% H (w)	H	H
Wh 1	WAGSTAFF SICL 85%	C	0.37	7"	2.0% H (w)	H	H

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Wi 1	WAGSTAFF SICL 45%	C	0.37	7"	2.0% H (w)	H	H
Wi 2	SUMMIT SICL 35%	C	0.37	9"	2.5% H (w)	H	H
Wo 1	WOODSON SIL 85%	D	0.43	7"	2.5% H (w)	H	H
Wt 1	WOODSON SIL 85%	D	0.43	10"	2.5% H (w)	H	H
Wy 1	WYNONA SIL 85%	C	0.43	10"	2.0% 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