

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

Soils Data Table: SOIL\_KS Sort Order: MUSYM

Nemaha County, Kansas: KS131

							SPISP II Ratings	
							Leaching	Solution Adsorbed
MUSYM/SEQ#	COMPONENT/TEXTURE/MU%	HYD	KFACT	SURFACE DEPTH	% OM	(SLP)	Runoff (SSRP)	Runoff (SARP)
013AD 1	AKSARBEN SICL 95%	B	0.32	9"	3.0%	I	I	I
013AE 1	AKSARBEN SICL 85%	B	0.32	6"	3.0%	I	I	I
013BS 1	BURCHARD CL 85%	B	0.28	9"	3.0%	I	I	I
013BX 1	BURCHARD CL 55%	B	0.28	9"	3.0%	I	I	H (s)
013BX 2	STEINAUER CL 40%	B	0.32	6"	1.3%	H	I	H (s)
013KP 1	KIPSON SICL 60%	D	0.32	8"	2.0%	V	H	H (s)
013KP 2	SOGN SICL 30%	D	0.32	12"	2.0%	V	H	H (s)
013MD 1	MARTIN SICL 85%	C	0.37	6"	3.0%	H (w)	H	H
013MT 1	MORRILL L 87%	B	0.28	6"	2.0%	I	I	I
013PD 1	PADONIA SICL 50%	C	0.37	11"	3.0%	L	H	H
013PD 2	MARTIN SICL 40%	C	0.37	6"	3.0%	H (w)	H	H
013RE 1	READING SIL 90%	B	0.32	18"	3.0%	L	I	I
085CB 1	CLIME SIC 50%	C	0.28	9"	2.5%	L	H	H (s)
085CB 2	SOGN SICL 35%	D	0.32	12"	2.0%	V	H	H
149CS 1	CLIME SICL 70%	C	0.32	8"	3.0%	L	H	H (s)
149CS 2	SOGN SICL 15%	D	0.32	14"	1.8%	V	H	H (s)
149WD 1	WAMEGO SIL 85%	C	0.32	10"	3.0%	L	H	H
149WE 1	WAMEGO SIL 85%	C	0.32	10"	3.0%	L	H	H (s)
AED 1	ARENTS, EARTHEN DAM 100%		0.00	0"	0.0%	?	?	?
Bf 1	BENFIELD SICL 90%	C	0.37	6"	2.5%	L	H	H
Bs 1	BURCHARD CL 63%	B	0.28	10"	3.0%	I	I	I
Bs 2	STEINAUER CL 27%	B	0.32	6"	1.3%	H	I	I
Cc 1	CALCO SICL 90%	D	0.28	17"	6.0%	H (w)	H	H
Ch 1	CHASE SICL 90%	C	0.37	17"	3.0%	H (w)	H	H
Et 1	ELMONT SIL 85%	B	0.32	9"	3.0%	I	I	I
Ke 1	KENNEBEC SIL 97%	B	0.28	48"	4.0%	L	I	I
Kn 1	KENNEBEC SIL 90%	B	0.32	41"	5.5%	L	I	I

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Kp 1	KIPSON SICL 85%	D	0.32	9"	2.0% V	H	H (s)
M-W 1	MISCELLANEOUS WATER 100%		0.00	0"	0.0% ?	?	?
Mb 1	MORRILL L 90%	B	0.28	10"	2.5% I	I	I
Me 1	MORRILL CL 90%	B	0.28	6"	2.5% I	I	I
Om 1	OLMITZ L 91%	B	0.28	25"	3.5% L	I	I
Pa 1	PAWNEE CL 90%	D	0.37	15"	3.0% H (w)	H	H
Pb 1	PAWNEE CL 90%	D	0.37	15"	3.0% H (w)	H	H
Pe 1	PAWNEE C 85%	D	0.37	6"	2.5% H (w)	H	H
Pt 1	Pits, quarries VAR 100%		0.00	60"	0.0% ?	?	?
Re 1	READING SIL 90%	B	0.32	15"	3.0% L	I	I
Sb 1	SIBLEYVILLE L 90%	B	0.28	9"	2.5% I	I	I
St 1	STEINAUER CL 90%	B	0.32	6"	1.3% H	I	H (s)
Vv 1	VINLAND VARIANT L 90%	B	0.32	8"	3.0% I	I	H (s)
W 1	WATER 100%		0.00	0"	0.0% ?	?	?
Wa 1	WABASH SICL 88%	D	0.28	16"	3.3% H (w)	H	H
Wb 1	WYMORE SICL 85%	D	0.37	6"	3.0% H (w)	H	H
Wc 1	WYMORE SICL 85%	D	0.37	6"	3.0% 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