

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

Soils Data Table: SOIL_KS Sort Order: MUSYM

Jackson County, Kansas: KS085

							SPISP II Ratings	
MUSYM/SEQ#	COMPONENT/TEXTURE/MU%	HYD	KFACT	SURFACE DEPTH	% OM	Leaching (SLP)	Solution	Adsorbed
							Runoff (SSRP)	Runoff (SARP)
005PD 1	PAWNEE C 94%	D	0.37	5"	2.5%	H (w)	H	H
005SS 1	SHELBY L 58%	B	0.28	6"	3.0%	I	I	H (s)
005SS 2	STEINAUER L 32%	B	0.32	6"	1.3%	H	I	H (s)
005VS 1	VINLAND SICL 85%	D	0.32	8"	3.0%	V	H	H
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)
013MF 1	MARTIN SICL 90%	C	0.37	6"	3.0%	H (w)	H	H
013MY 1	MUSCOTAH SICL 87%	D	0.37	9"	3.0%	H (w)	H	H
013PN 1	PAWNEE CL 83%	D	0.37	7"	3.0%	H (w)	H	H
013PO 1	PAWNEE C 84%	D	0.37	5"	1.5%	H (w)	H	H
013WE 1	WAMEGO SICL 90%	C	0.32	9"	3.0%	L	H	H
013WG 1	WAMEGO SICL 50%	C	0.32	9"	3.0%	L	H	H
013WG 2	VINLAND SICL 40%	D	0.32	8"	3.0%	V	H	H
013WN 1	WYMORE SICL 82%	D	0.37	10"	3.0%	H (w)	H	H
013WN 2	KENNEBEC SIL 3%	B	0.28	8"	5.5%	I	I	I
087MO 1	MARTIN SICL 40%	C	0.37	12"	3.0%	H (w)	H	H
087MO 2	OSKA SICL 30%	C	0.37	11"	2.5%	L	H	H
087MO 3	MARTIN-like SICL 25%	C	0.37	12"	3.0%	H (w)	H	H
087SS 1	SIBLEYVILLE L 60%	B	0.28	10"	2.5%	I	I	I
087SS 2	SIBLEYVILLE-like L 22%	B	0.32	7"	2.5%	I	I	I
087SW 1	SOGN SICL 55%	D	0.32	13"	2.0%	V	H	H (s)
087SW 2	VINLAND SICL 30%	D	0.32	12"	3.0%	V	H	H (s)
087VC 1	VINLAND SICL 50%	D	0.32	12"	3.0%	V	H	H
087VC 2	VINLAND-like SICL 30%	C	0.32	9"	3.0%	L	H	H
087VO 1	VINLAND SICL 55%	D	0.32	12"	3.0%	V	H	H
087VO 2	VINLAND-like SICL 30%	C	0.32	9"	3.0%	L	H	H
131BS 1	BURCHARD CL 63%	B	0.28	10"	3.0%	I	I	I

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131BS 2	STEINAUER CL 27%	B	0.32	6"	1.3% H	I	I
131OM 1	OLMITZ L 91%	B	0.28	25"	3.5% L	I	I
131ST 1	STEINAUER CL 90%	B	0.32	6"	1.3% H	I	H (s)
149CE 1	CHASE SICL 85%	C	0.37	16"	3.0% H (w)	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)
149MO 1	MORRILL L 90%	B	0.28	13"	3.0% I	I	I
177EL 1	ELMONT SIL 94%	B	0.32	7"	3.0% I	I	I
177KS 1	KIPSON SICL 50%	D	0.32	8"	2.0% V	H	H (s)
177KS 2	SOGN SICL 41%	D	0.32	10"	2.0% V	H	H (s)
177LM 1	LADYSMITH SICL 91%	D	0.37	10"	3.0% H (w)	H	H
177MF 1	MARTIN SICL 90%	C	0.37	12"	3.0% H (w)	H	H
177MM 1	MORRILL CL 91%	B	0.32	17"	3.0% L	I	I
177SK 1	SHELBY CL 97%	B	0.28	17"	3.0% L	I	I
177ST 1	SIBLEYVILLE L 94%	B	0.32	14"	2.5% I	I	I
177SV 1	SOGN SICL 60%	D	0.32	10"	2.0% V	H	H (s)
177SV 2	VINLAND SICL 28%	D	0.32	6"	3.0% V	H	H (s)
AED 1	ARENTS, EARTHEN DAM 100%		0.00	0"	0.0% ?	?	?
Ba 1	BURCHARD CL 50%	B	0.28	14"	3.0% I	I	I
Ba 2	SHELBY CL 41%	B	0.28	15"	3.0% L	I	I
Bb 1	BURCHARD CL 50%	B	0.28	5"	2.5% I	I	I
Bb 2	SHELBY CL 41%	B	0.28	6"	2.5% I	I	I
Bc 1	BURCHARD CL 46%	B	0.28	14"	3.0% I	I	H (s)
Bc 2	SHELBY CL 40%	B	0.28	15"	3.0% L	I	H (s)
Ca 1	CHASE SICL 88%	C	0.37	10"	3.0% H (w)	H	H
Cb 1	CLIME SIC 50%	C	0.28	9"	2.5% L	H	H (s)
Cb 2	SOGN SICL 35%	D	0.32	12"	2.0% V	H	H
Ka 1	KENNEBEC SIL 90%	B	0.28	48"	5.5% L	I	I
Kb 1	KENNEBEC SIL 86%	B	0.28	48"	5.5% L	I	I
Kc 1	KENNEBEC SIL 88%	B	0.28	48"	5.5% L	I	I

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KD 1	KENNEBEC SIL 97%	B	0.28	48"	5.5% L	I	I
Ma 1	MARTIN SICL 88%	C	0.37	11"	3.0% H (w)	H	H
MAA 1	MARTIN SICL 94%	C	0.37	12"	3.0% H (w)	H	H
Mb 1	MARTIN SICL 88%	C	0.37	17"	2.3% H (w)	H	H
Mc 1	MARTIN SICL 48%	C	0.37	11"	3.0% H (w)	H	H
Mc 2	VINLAND SICL 40%	D	0.32	11"	3.0% V	H	H
Oa 1	OLMITZ CL 85%	B	0.24	32"	3.5% L	I	I
Pa 1	PAWNEE CL 88%	D	0.37	16"	3.0% H (w)	H	H
Pb 1	PAWNEE CL 88%	D	0.37	16"	3.0% H (w)	H	H
Pc 1	PAWNEE CL 85%	D	0.37	16"	3.0% H (w)	H	H
Pt 1	Pits, quarries VAR 100%		0.00	60"	0.0% ?	?	?
Ra 1	READING SIL 85%	B	0.32	8"	3.0% I	I	I
RE 1	READING SICL 91%	B	0.32	14"	3.0% I	I	I
Sa 1	SHELBY CL 88%	B	0.28	15"	3.0% L	I	I
Sb 1	SHELBY CL 85%	B	0.28	15"	2.5% I	I	I
Va 1	VINLAND SICL 88%	D	0.32	11"	3.0% V	H	H
Vb 1	VINLAND SICL 50%	D	0.32	11"	3.0% V	H	H (s)
Vb 2	ROCK OUTCROP 35%	D	0.00	0"	0.0% V	H	L
Vc 1	VINLAND SICL 45%	D	0.32	11"	3.0% V	H	H (s)
Vc 2	SOGN SICL 40%	D	0.32	12"	2.0% V	H	H (s)
W 1	WATER 100%		0.00	0"	0.0% ?	?	?
Wa 1	WABASH SIC 88%	D	0.28	24"	3.3% H (w)	H	H
WAA 1	WABASH SICL 85%	D	0.37	8"	3.3% H (w)	H	H
Wb 1	WYMORE SICL 91%	D	0.37	10"	3.0% H (w)	H	H
Wc 1	WYMORE SICL 88%	D	0.37	10"	2.5% H (w)	H	H
Za 1	ZOOK SICL 90%	C	0.37	18"	3.3% H (w)	H	H
Za 1	ZOOK SICL 90%	D	0.37	18"	3.3% 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