

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

Soils Data Table: SOIL\_KS Sort Order: MUSYM

Pottawatomie County, Kansas: KS149

							SPISP II Ratings		
							Leaching	Solution	Adsorbed
MUSYM/SEQ#	COMPONENT/TEXTURE/MU%	HYD	KFACT	SURFACE DEPTH	% OM	(SLP)	Runoff (SSRP)	Runoff (SARP)	
085MA 1	MARTIN SICL 88%	C	0.37	11"	3.0%	H (w)	H	H	
117SA 1	SHELBY CL 90%	B	0.28	17"	2.5%	I	I	I	
117SC 1	STEINAUER CL 60%	B	0.32	5"	1.3%	H	I	I	
117SC 2	SHELBY CL 25%	B	0.28	17"	2.5%	I	I	I	
131BS 1	BURCHARD CL 63%	B	0.28	10"	3.0%	I	I	I	
131BS 2	STEINAUER CL 27%	B	0.32	6"	1.3%	H	I	I	
131CH 1	CHASE SICL 90%	C	0.37	17"	3.0%	H (w)	H	H	
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)	
177MC 1	MARTIN SICL 85%	C	0.37	9"	3.0%	H (w)	H	H	
197SA 1	SARPY LS 90%	A	0.17	5"	0.6%	H	L	L	
197SC 1	SARPY LS 45%	A	0.17	6"	0.6%	H	L	L	
197SC 2	HAYNIE FSL 30%	B	0.37	7"	1.3%	I	I	I	
600AD 1	ALLUVIAL LAND SIL 100%	B	0.32	7"	3.0%	I	I	I	
600CA 1	CARR FSL 60%	B	0.24	17"	0.5%	H	I	I	
600CA 2	SARPY LFS 40%	A	0.17	5"	0.5%	H	L	L	
600SA 1	SARPY LFS 100%	A	0.17	5"	0.5%	H	L	L	
AED 1	ARENTS, EARTHEN DAM 100%		0.00	0"	0.0%	?	?	?	
Bd 1	BENFIELD SICL 85%	C	0.37	6"	2.5%	L	H	H	
Bf 1	BENFIELD SICL 70%	C	0.37	6"	2.5%	L	H	H	
Ce 1	CHASE SICL 85%	C	0.37	16"	3.0%	H (w)	H	H	
Cm 1	CLIME SICL 100%	C	0.32	6"	3.0%	L	H	H (s)	
Cs 1	CLIME SICL 70%	C	0.32	8"	3.0%	L	H	H (s)	
Cs 2	SOGN SICL 15%	D	0.32	14"	1.8%	V	H	H (s)	
Em 1	ELMONT SICL 85%	B	0.32	10"	3.0%	I	I	I	
Eo 1	ELMONT SICL 80%	B	0.32	5"	3.0%	I	I	I	
Eu 1	EUDORA SIL 90%	B	0.32	12"	1.5%	I	I	I	

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Ex 1	EUDORA SIL 60%	B	0.32	12"	2.5% I	I	I
Ex 2	KIMO SICL 30%	C	0.37	6"	3.0% H (w)	H	H
Gm 1	GYMER SICL 100%	C	0.32	11"	3.0% L	H	H
Hn 1	HAYNIE VFSL 85%	B	0.37	9"	1.3% I	I	I
Hs 1	HAYNIE VFSL 70%	B	0.37	9"	1.3% I	I	I
Hs 2	SARPY FS 30%	A	0.15	6"	0.6% H	L	L
Kc 1	KENNEBEC SIL 85%	B	0.32	54"	5.5% L	I	I
Kf 1	KENNEBEC SIL 97%	B	0.28	48"	4.0% L	I	I
Km 1	KIMO SIC 94%	C	0.37	22"	3.0% H (w)	H	H
M-W 1	MISCELLANEOUS WATER 100%		0.00	0"	0.0% ?	?	?
Mm 1	MONONA SIL 100%	B	0.32	14"	3.5% L	I	I
Mo 1	MORRILL L 90%	B	0.28	13"	3.0% I	I	I
Mr 1	MORRILL CL 100%	B	0.28	7"	2.5% I	I	I
Mt 1	MORRILL L 100%	B	0.28	10"	2.5% I	I	H (s)
Mu 1	MUIR SIL 100%	B	0.32	22"	3.0% L	I	I
Op 1	ORTELLO FSL 100%	B	0.20	19"	1.5% I	I	I
Ot 1	ORTELLO FSL 100%	B	0.20	19"	1.5% I	I	I
Pe 1	PAWNEE CL 90%	D	0.37	14"	3.0% H (w)	H	H
Pn 1	PAWNEE CL 85%	D	0.37	15"	3.0% H (w)	H	H
Po 1	PAWNEE C 85%	D	0.37	6"	1.8% H (w)	H	H
Ps 1	PAXICO SIL 100%	B	0.37	42"	2.0% H (w)	I	I
Pt 1	Pits, quarries VAR 100%		0.00	60"	0.0% ?	?	?
Re 1	READING SICL 85%	B	0.32	20"	3.0% L	I	I
Sf 1	SARPY S 100%	A	0.15	6"	0.6% H	L	L
Sg 1	SHARPSBURG SIL 88%	B	0.32	12"	3.0% I	I	I
Th 1	THURMAN LFS 100%	A	0.17	17"	1.5% H	L	L
Tu 1	TULLY SICL 85%	C	0.37	13"	3.0% L	H	H
Tx 1	TULLY SIC 85%	C	0.37	9"	3.0% L	H	H
Tz 1	TUTTLE CN-SICL 100%	C	0.20	15"	2.5% L	H	H (s)
W 1	WATER 100%		0.00	0"	0.0% ?	?	?

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Wb 1	WABASH SIC 90%	D	0.28	16"	3.3% H (w)	H	H
Wd 1	WAMEGO SIL 85%	C	0.32	10"	3.0% L	H	H
We 1	WAMEGO SIL 85%	C	0.32	10"	3.0% L	H	H (s)
Wg 1	WANN FSL 100%	B	0.20	11"	2.0% H (w)	I	I
Wk 1	WYMORE SICL 100%	D	0.37	10"	3.0% H (w)	H	H
Wm 1	WYMORE SICL 100%	D	0.37	10"	3.0% H (w)	H	H
Wn 1	WYMORE SICL 100%	D	0.37	10"	3.0% H (w)	H	H
Ws 1	WYMORE VARIANT FSL 100%	C	0.28	17"	1.5% H (w)	H	H
Zo 1	ZOOK SICL 100%	D	0.28	8"	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