

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

Soils Data Table: SOIL_KS Sort Order: MUSYM

Brown County, Kansas: KS013

MUSYM/SEQ#	COMPONENT/TEXTURE/MU%	HYD	KFACT	SURFACE DEPTH	% OM	SPISP II Ratings		
						Leaching (SLP)	Solution Runoff (SSRP)	Adsorbed Runoff (SARP)
Ac 1	AKSARBEN SICL 90%	B	0.32	9"	3.0%	I	I	I
Ad 1	AKSARBEN SICL 87%	B	0.32	6"	3.0%	I	I	I
Ae 1	AKSARBEN SICL 85%	B	0.32	6"	3.0%	I	I	I
Bs 1	BURCHARD CL 85%	B	0.28	9"	3.0%	I	I	I
Bx 1	BURCHARD CL 55%	B	0.28	9"	3.0%	I	I	H (s)
Bx 2	STEINAUER CL 40%	B	0.32	6"	1.3%	H	I	H (s)
Ch 1	CHASE SICL 90%	C	0.37	9"	3.0%	H (w)	H	H
Co 1	CONTRARY SICL 85%	B	0.32	6"	1.3%	H	I	I
Ga 1	GRUNDY SIL 90%	C	0.37	7"	3.0%	H (w)	H	H
Ju 1	JUDSON SIL 95%	B	0.28	7"	4.5%	I	I	I
Kd 1	KENNEBEC SIL 85%	B	0.28	8"	5.5%	I	I	I
Ke 1	KENNEBEC SIL 89%	B	0.28	8"	5.5%	I	I	I
Kp 1	KIPSON SICL 60%	D	0.32	8"	2.0%	V	H	H (s)
Kp 2	SOGN SICL 30%	D	0.32	12"	2.0%	V	H	H (s)
M-W 1	MISCELLANEOUS WATER 100%		0.00	0"	0.0%	?	?	?
Ma 1	MARSHALL SIL 97%	B	0.28	10"	3.5%	I	I	I
Mb 1	MARSHALL SICL 82%	B	0.28	6"	3.5%	I	I	I
Md 1	MARTIN SICL 85%	C	0.37	6"	3.0%	H (w)	H	H
Mf 1	MARTIN SICL 90%	C	0.37	6"	3.0%	H (w)	H	H
Mh 1	MAYBERRY CL 85%	D	0.37	10"	2.0%	H (w)	H	H
Mk 1	MONONA SIL 90%	B	0.28	11"	3.5%	I	I	I
Mn 1	MONONA SIL 82%	B	0.32	6"	2.5%	I	I	I
Mt 1	MORRILL L 87%	B	0.28	6"	2.0%	I	I	I
Mw 1	MUSCOTAH SIL 87%	D	0.32	9"	2.5%	H (w)	H	H
My 1	MUSCOTAH SICL 87%	D	0.37	9"	3.0%	H (w)	H	H
No 1	NODAWAY SIL 90%	B	0.32	7"	2.5%	I	I	I
Om 1	OLMITZ L 93%	B	0.24	7"	3.5%	I	I	I

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Or 1	ORTHENTS, EARTHEN DAM 100%		0.00	0"	0.0% ?	?	?
Pd 1	PADONIA SICL 50%	C	0.37	11"	3.0% L	H	H
Pd 2	MARTIN SICL 40%	C	0.37	6"	3.0% H (w)	H	H
Pe 1	PADONIA SICL 60%	C	0.37	11"	3.0% L	H	H (s)
Pe 2	MARTIN SICL 30%	C	0.37	6"	3.0% H (w)	H	H
Pf 1	PADONIA SICL 55%	C	0.37	11"	3.0% L	H	H
Pf 2	OSKA SICL 40%	C	0.37	5"	2.0% L	H	H
Pm 1	PAWNEE CL 85%	D	0.37	7"	3.0% H (w)	H	H
Pn 1	PAWNEE CL 83%	D	0.37	7"	3.0% H (w)	H	H
Po 1	PAWNEE C 84%	D	0.37	5"	1.5% H (w)	H	H
Pt 1	Pits, quarries VAR 100%		0.00	60"	0.0% ?	?	?
Pw 1	POHOCCO SIL 50%	B	0.37	5"	1.3% H	I	H (s)
Pw 2	NETAWAKA SIL 40%	B	0.43	6"	1.5% H	I	H (s)
Px 1	POHOCCO SIL 50%	B	0.37	5"	1.3% H	I	H (s)
Px 2	NETAWAKA SIL 40%	B	0.43	6"	1.5% H	I	H (s)
Re 1	READING SIL 90%	B	0.32	18"	3.0% L	I	I
Sg 1	SHELBY CL 88%	B	0.28	13"	3.0% I	I	I
Sm 1	SHELBY CL 85%	B	0.28	8"	2.5% I	I	H (s)
W 1	WATER 100%		0.00	0"	0.0% ?	?	?
Wa 1	WABASH SIC 85%	D	0.28	15"	3.0% H (w)	H	H
We 1	WAMEGO SICL 90%	C	0.32	9"	3.0% L	H	H
Wg 1	WAMEGO SICL 50%	C	0.32	9"	3.0% L	H	H
Wg 2	VINLAND SICL 40%	D	0.32	8"	3.0% V	H	H
Wm 1	WYMORE SICL 90%	D	0.37	7"	3.0% H (w)	H	H
Wn 1	WYMORE SICL 82%	D	0.37	10"	3.0% H (w)	H	H
Wn 2	KENNEBEC SIL 3%	B	0.28	8"	5.5% I	I	I

(.\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