

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

Soils Data Table: SOIL_KS Sort Order: MUSYM

Osage County, Kansas: KS139

MUSYM/SEQ#	COMPONENT/TEXTURE/MU%	HYD	KFACT	SURFACE DEPTH	% OM	SPISP II Ratings		
						Leaching (SLP)	Solution Runoff (SSRP)	Adsorbed Runoff (SARP)
045KC 1	KENNEBEC SICL 88%	B	0.28	10"	4.0%	I	I	I
045MO 1	MARTIN SICL 40%	C	0.37	9"	3.0%	H (w)	H	H
045MO 2	OSKA SICL 30%	C	0.37	5"	2.5%	L	H	H
045OE 1	OSKA SICL 88%	C	0.37	5"	2.5%	L	H	H
045SW 1	SOGN SICL 55%	D	0.32	13"	2.0%	V	H	H (s)
045SW 2	VINLAND SICL 30%	D	0.32	12"	3.0%	V	H	H (s)
045SX 1	ROCK OUTCROP UWB 60%		0.00	5"	0.0%	?	?	?
045SX 2	VINLAND SICL 26%	D	0.32	7"	3.0%	V	H	H (s)
045VM 1	VINLAND SICL 40%	D	0.32	7"	3.0%	V	H	H
045VM 2	MARTIN SICL 25%	C	0.37	9"	3.0%	H (w)	H	H
045WS 1	WOODSON SIL 90%	D	0.43	11"	3.0%	H (w)	H	H
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
059EA 1	ERAM SICL 55%	C	0.37	7"	2.0%	H (w)	H	H
059EA 2	LEBO SICL 35%	B	0.32	14"	2.5%	I	I	I
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
111CA 1	CHASE SICL 100%	C	0.37	17"	3.0%	H (w)	H	H
111EA 1	ELMONT SIL 100%	B	0.32	12"	3.0%	I	I	I
111EF 1	ERAM SIL 60%	C	0.43	7"	2.0%	H (w)	H	H
111EF 2	BATES L 40%	B	0.32	7"	2.5%	I	I	I
177AN 1	KENNEBEC SIL 97%	B	0.28	48"	5.5%	L	I	I
177BK 1	MARTIN SICL 54%	C	0.37	12"	3.0%	H (w)	H	H
177BK 2	KENNEBEC SIL 43%	B	0.28	48"	5.5%	L	I	I
177BR 1	FLUVENTS SICL 97%		0.32	60"	1.8%	?	?	?
177DM 1	DWIGHT SICL 63%	D	0.43	5"	3.0%	V	H	H
177DM 2	MARTIN SICL 33%	C	0.37	12"	3.0%	H (w)	H	H
177DW 1	DWIGHT SICL 91%	D	0.43	5"	3.0%	V	H	H

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177EN 1	ELMONT SIL 94%	B	0.32	7"	3.0% I	I	I
177LB 1	LABETTE SICL 91%	C	0.37	13"	3.0% L	H	H
177LC 1	LABETTE SICL 97%	C	0.37	4"	2.0% L	H	H
177LD 1	LADYSMITH SICL 94%	D	0.37	10"	3.0% H (w)	H	H
177LM 1	LADYSMITH SICL 91%	D	0.37	10"	3.0% H (w)	H	H
177LS 1	LADYSMITH SICL 100%	D	0.37	6"	2.5% H (w)	H	H
177MF 1	MARTIN SICL 90%	C	0.37	12"	3.0% H (w)	H	H
177RE 1	READING SICL 91%	B	0.32	14"	3.0% I	I	I
177SU 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)
177SW 1	STONY STEEP LAND 60%		0.00	0"	0.0% ?	?	?
177SW 2	VINLAND SICL 26%	D	0.32	11"	3.0% V	H	H (s)
197CE 1	CHASE SICL 85%	C	0.37	12"	3.0% H (w)	H	H
197CS 1	CLIME SICL 60%	C	0.32	13"	3.0% L	H	H (s)
197CS 2	SOGN SICL 20%	D	0.32	13"	3.0% V	H	H (s)
197IB 1	IRWIN SICL 80%	D	0.32	12"	3.0% V	H	H
197WE 1	WAMEGO SIL 75%	C	0.32	10"	3.0% L	H	H
AED 1	ARENTS, EARTHEN DAM 100%		0.00	0"	0.0% ?	?	?
Bd 1	BATES L 90%	B	0.32	15"	2.5% I	I	I
Cm 1	CLARESON SICL 55%	C	0.32	8"	3.3% L	H	H
Cm 2	ERAM SICL 30%	C	0.37	9"	2.0% H (w)	H	H
Cs 1	CLIME SIC 65%	C	0.37	7"	3.0% L	H	H
Cs 2	SOGN SICL 20%	D	0.32	8"	2.0% V	H	H
Dn 1	DENNIS SIL 90%	C	0.43	9"	3.0% H (w)	H	H
Ds 1	DWIGHT SIL 90%	D	0.43	5"	3.0% V	H	H
Ed 1	ELMONT L 85%	B	0.32	8"	3.0% I	I	I
EL 1	ELMONT SIL 94%	B	0.32	7"	3.0% I	I	I
En 1	ERAM SICL 85%	C	0.37	9"	2.5% H (w)	H	H
Er 1	ERAM SIC 85%	C	0.32	9"	2.0% H (w)	H	H

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INT 1	AQUOLLS VAR 100%	C	0.00	60"	0.0% ?	H	?
KB 1	KENNEBEC SIL 97%	B	0.28	48"	4.0% L	I	I
Ke 1	KENOMA SIL 85%	D	0.37	8"	3.0% H (w)	H	H
LA 1	LABETTE SICL 100%	C	0.37	8"	3.0% L	H	H
Ln 1	LEBO ST-SICL 75%	B	0.24	7"	2.5% I	I	H (s)
Ln 2	ROCK OUTCROP 15%	D	0.00	0"	0.0% V	H	L
Ls 1	LEBO SICL 55%	B	0.32	6"	2.5% I	I	I
Ls 2	SUMMIT SICL 35%	C	0.37	8"	3.0% H (w)	H	H
LU 1	LULA SIL 85%	C	0.37	8"	2.0% L	H	H
M-W 1	MISCELLANEOUS WATER 100%		0.00	0"	0.0% ?	?	?
MA 1	MARTIN SICL 85%	C	0.37	9"	3.0% H (w)	H	H
Mb 1	MASON SIL 85%	B	0.37	7"	3.5% I	I	I
Oe 1	OLPE SICL 55%	C	0.43	7"	1.5% L	H	H
Oe 2	KENOMA SIL 30%	D	0.43	4"	3.0% H (w)	H	H
Op 1	ARENTS SIC 100%	D	0.32	6"	0.7% V	H	H (s)
Os 1	OSAGE SICL 85%	D	0.37	8"	2.5% H (w)	H	H
Ov 1	OSAGE SIC 90%	D	0.28	17"	2.5% H (w)	H	H
Ow 1	OSAGE SIC 85%	D	0.28	8"	2.5% H (w)	H	H
Pt 1	Pits, quarries VAR 100%		0.00	60"	0.0% ?	?	?
SI 1	SIBLEYVILLE L 94%	B	0.32	14"	2.5% I	I	I
Sn 1	SUMMIT SICL 100%	C	0.37	8"	3.0% H (w)	H	H
So 1	SUMMIT SICL 90%	C	0.37	8"	3.0% H (w)	H	H
Vb 1	VERDIGRIS SIL 90%	B	0.32	14"	3.0% I	I	I
Vc 1	VERDIGRIS SIL 88%	B	0.32	7"	3.0% I	I	I
W 1	WATER 100%		0.00	0"	0.0% ?	?	?
Wo 1	WOODSON SIL 100%	D	0.43	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