

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

Soils Data Table: SOIL_KS Sort Order: MUSYM

Marion County, Kansas: KS115

							SPISP II Ratings	
MUSYM/SEQ#	COMPONENT/TEXTURE/MU%	HYD	KFACT	SURFACE DEPTH	% OM	Leaching (SLP)	Solution	Adsorbed
							Runoff (SSRP)	Runoff (SARP)
017CS 1	CLIME SIC 47%	C	0.28	9"	2.5%	L	H	H (s)
017CS 2	SOGN SICL 20%	D	0.32	6"	2.0%	V	H	H (s)
017IV 1	IVAN SIL 85%	B	0.32	32"	3.0%	L	I	I
017KA 1	KAHOLA SIL 85%	B	0.32	25"	3.0%	L	I	I
041CD 1	CLIME SICL 70%	C	0.37	10"	3.0%	L	H	H (s)
041CD 2	SOGN SIL 30%	D	0.32	14"	2.0%	V	H	H
041HB 1	HOBBS SIL 75%	B	0.32	8"	3.0%	I	I	I
041SC 1	SUTPHEN SICL 100%	D	0.37	12"	3.0%	V	H	H
079CM 1	CLIME SIC 100%	C	0.28	9"	2.5%	L	H	H
079RS 1	ROSEHILL SIC 100%	D	0.28	9"	2.0%	V	H	H
113CB 1	CASS FSL 100%	B	0.20	7"	1.5%	H	I	I
113ED 1	EDALGO SIL 100%	C	0.37	6"	3.0%	L	H	H
AED 1	ARENTS, EARTHEN DAM 100%		0.00	0"	0.0%	?	?	?
Ca 1	CASS FSL 90%	B	0.20	18"	1.5%	I	I	I
Ch 1	CHASE SICL 95%	C	0.37	12"	3.0%	H (w)	H	H
Cm 1	CLIME SICL 90%	C	0.37	10"	3.0%	L	H	H
Cp 1	CLIME SICL 90%	C	0.37	10"	3.0%	L	H	H
Cr 1	CLIME ST-SICL 80%	C	0.28	7"	3.0%	L	H	H (s)
Cs 1	CLIME SICL 65%	C	0.37	7"	3.0%	L	H	H (s)
Cs 2	SOGN SICL 20%	D	0.32	8"	2.0%	V	H	H
Dw 1	DWIGHT SIL 90%	D	0.43	6"	3.0%	V	H	H
Ed 1	EDALGO SICL 90%	C	0.37	10"	3.0%	L	H	H
Fc 1	FLORENCE SIL 85%	C	0.32	13"	3.0%	L	H	H
Go 1	GOESSEL SIC 90%	D	0.28	13"	2.5%	H (w)	H	H
HO 1	HOBBS SIL 100%	B	0.32	8"	3.0%	I	I	I
Ib 1	IRWIN SICL 90%	D	0.37	13"	3.0%	V	H	H
Ic 1	IRWIN SICL 90%	D	0.37	13"	3.0%	V	H	H

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IV 1	IVAN SICL 80%	B	0.32	32"	3.0% L	I	I
Kp 1	KIPSON SICL 90%	D	0.32	9"	2.0% V	H	H (s)
La 1	LABETTE SICL 90%	C	0.37	8"	3.0% L	H	H
Ld 1	LABETTE SICL 60%	C	0.37	7"	3.0% L	H	H
Ld 2	DWIGHT SIL 35%	D	0.43	6"	3.0% V	H	H
Lg 1	LABETTE SICL 65%	C	0.37	7"	3.0% L	H	H
Lg 2	SOGN SICL 25%	D	0.32	10"	2.0% V	H	H
Lm 1	LADYSMITH SICL 90%	D	0.37	9"	3.0% V	H	H
Ls 1	LANCASTER L 90%	B	0.28	7"	2.5% I	I	I
Lt 1	LANCASTER L 90%	B	0.28	7"	2.5% I	I	I
Lv 1	LANCASTER L 60%	B	0.28	7"	2.5% I	I	I
Lv 2	HEDVILLE ST-L 25%	D	0.20	10"	2.5% V	H	H (s)
M-W 1	MISCELLANEOUS WATER 100%		0.00	0"	0.0% ?	?	?
Os 1	OSAGE SIC 90%	D	0.28	21"	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	6"	3.0% I	I	I
Rh 1	ROSEHILL SIC 90%	D	0.28	8"	2.0% V	H	H
So 1	SOGN SICL 95%	D	0.32	8"	2.0% V	H	H
TO 1	TOBIN SIL 100%	B	0.32	20"	2.5% L	I	I
Tu 1	TULLY SICL 90%	C	0.37	17"	3.0% L	H	H
Vb 1	VERDIGRIS SIL 90%	B	0.32	22"	3.0% L	I	I
Vc 1	VERDIGRIS SIL 95%	B	0.32	22"	3.0% L	I	I
W 1	WATER 100%		0.00	0"	0.0% ?	?	?
Wb 1	WELLS L 90%	B	0.28	15"	2.5% I	I	I
Wc 1	WELLS L 90%	B	0.28	15"	2.5% I	I	I
Wd 1	WELLS CL 90%	B	0.28	9"	2.0% 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