

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

Soils Data Table: SOIL_KS Sort Order: MUSYM

Chase County, Kansas: KS017

							SPISP II Ratings	
MUSYM/SEQ#	COMPONENT/TEXTURE/MU%	HYD	KFACT	SURFACE DEPTH	% OM	Leaching (SLP)	Solution	Adsorbed
							Runoff (SSRP)	Runoff (SARP)
015CS 1	CLIME SIC 67%	C	0.28	9"	2.5%	L	H	H
015CS 2	SOGN SICL 30%	D	0.32	7"	2.0%	V	H	H
015TU 1	TULLY SICL 90%	C	0.37	10"	3.0%	L	H	H
073LD 1	LABETTE SICL 65%	C	0.37	9"	3.0%	L	H	H
073LD 2	DWIGHT SIL 30%	D	0.43	4"	3.0%	V	H	H
111LD 1	LABETTE SICL 60%	C	0.37	8"	3.0%	L	H	H
111LD 2	DWIGHT SIL 40%	D	0.43	4"	3.0%	V	H	H
111TA 1	TULLY SICL 100%	C	0.37	17"	3.0%	L	H	H
111ZA 1	ZAAR SIC 100%	D	0.28	14"	3.0%	H (w)	H	H
115IC 1	IRWIN SICL 90%	D	0.37	13"	3.0%	V	H	H
115TU 1	TULLY SICL 90%	C	0.37	17"	3.0%	L	H	H
127LB 1	LABETTE SICL 90%	C	0.37	8"	3.0%	L	H	H
AED 1	ARENTS, EARTHEN DAM 100%		0.00	0"	0.0%	?	?	?
Ar 1	IVAN SICL 80%	B	0.32	32"	3.0%	L	I	I
BOP 1	BORROW PITS 100%		0.00	0"	0.0%	?	?	?
Ch 1	CHASE SICL 90%	C	0.37	14"	3.0%	H (w)	H	H
Cs 1	CLIME SIC 47%	C	0.28	9"	2.5%	L	H	H (s)
Cs 2	SOGN SICL 20%	D	0.32	6"	2.0%	V	H	H (s)
CSS 1	CLIME SIC 65%	C	0.28	11"	2.5%	L	H	H (s)
CSS 2	SOGN SICL 20%	D	0.32	7"	2.0%	V	H	H (s)
DT 1	DWIGHT SIL 90%	D	0.43	6"	3.0%	V	H	H
Dw 1	DWIGHT SIL 85%	D	0.43	5"	3.0%	V	H	H
Fa 1	FLORENCE GR-SIL 47%	C	0.20	13"	6.0%	L	H	I
Fa 2	LABETTE SICL 34%	C	0.37	10"	3.0%	L	H	H
Fm 1	FLORENCE CR-SIL 70%	C	0.20	13"	6.0%	L	H	I
Fm 2	MATFIELD CR-SIL 25%	C	0.24	22"	3.0%	L	H	H
Ic 1	IRWIN SICL 85%	D	0.37	11"	2.8%	V	H	H

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In 1	IRWIN SICL 95%	D	0.37	4"	3.0% V	H	H
INT 1	AQUOLLS VAR 100%	C	0.00	72"	0.0% ?	H	?
Ir 1	IRWIN SICL 90%	D	0.37	11"	2.8% V	H	H
Is 1	IRWIN SICL 90%	D	0.37	4"	2.8% V	H	H
Iv 1	IVAN SIL 85%	B	0.32	32"	3.0% L	I	I
Ka 1	KAHOLA SIL 85%	B	0.32	25"	3.0% L	I	I
La 1	LABETTE SICL 85%	C	0.37	10"	3.0% L	H	H
LAA 1	LABETTE SICL 90%	C	0.37	9"	3.0% L	H	H
Lb 1	LABETTE SICL 85%	C	0.37	10"	3.0% L	H	H
Lc 1	LABETTE SICL 90%	C	0.37	6"	3.0% L	H	H
Ld 1	LABETTE SICL 50%	C	0.37	10"	3.0% L	H	H
Ld 2	DWIGHT SIL 41%	D	0.43	5"	3.0% V	H	H
Le 1	LABETTE SICL 47%	C	0.37	10"	3.0% L	H	H
Le 2	SOGN SICL 38%	D	0.32	6"	1.5% V	H	H
LEE 1	LABETTE SICL 70%	C	0.37	8"	3.0% L	H	H
LEE 2	SOGN SICL 19%	D	0.32	8"	2.0% V	H	H
Lm 1	LADYSMITH SICL 85%	D	0.37	9"	3.0% V	H	H
Lo 1	LADYSMITH SICL 85%	D	0.37	9"	3.0% V	H	H
Ls 1	LADYSMITH SICL 85%	D	0.37	5"	3.0% V	H	H
LSS 1	LADYSMITH SICL 90%	D	0.37	8"	3.0% V	H	H
Ma 1	MARTIN SICL 85%	C	0.37	9"	3.0% L	H	H
MBB 1	MARTIN SICL 100%	C	0.37	12"	3.0% H (w)	H	H
Mc 1	MARTIN SICL 85%	C	0.37	6"	2.0% L	H	H
Mg 1	MARTIN SICL 80%	C	0.37	6"	2.0% L	H	H
Mg 2	GULLIED LAND 20%		0.00	0"	0.0% ?	?	?
Om 1	OLPE GR-SIL 60%	C	0.24	9"	1.5% L	H	H
Om 2	SMOLAN SICL 40%	C	0.37	15"	3.0% L	H	H
Os 1	OSAGE SIC 90%	D	0.28	21"	2.5% H (w)	H	H
QUA 1	QUARRIES 100%		0.00	0"	0.0% ?	?	?
Ra 1	READING SIL 85%	B	0.32	17"	3.0% L	I	I

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RAA 1	READING SIL 90%	B	0.32	6"	3.0% I	I	I
Rd 1	READING SIL 90%	B	0.32	17"	3.0% L	I	I
Re 1	READING SIL 90%	B	0.32	7"	3.0% I	I	I
Sm 1	SMOLAN SICL 90%	C	0.37	15"	3.0% L	H	H
So 1	SOLOMON SIC 100%	D	0.28	18"	3.0% H (w)	H	H
St 1	CLIME ST-SICL 100%	C	0.28	2"	3.0% L	H	H (s)
Tc 1	TULLY SICL 85%	C	0.37	14"	3.0% L	H	H
Ts 1	TULLY SICL 85%	C	0.37	5"	3.0% L	H	H
Tu 1	TULLY GR-SICL 70%	C	0.28	14"	3.0% L	H	H
W 1	WATER AREAS 100%		0.00	0"	0.0% ?	?	?
Za 1	ZAAR SIC 85%	D	0.28	15"	3.0% H (w)	H	H
Zd 1	ZAAR SIC 55%	D	0.28	15"	3.0% H (w)	H	H
Zd 2	DWIGHT SIL 45%	D	0.43	5"	3.0% V	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