

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

Soils Data Table: SOIL\_KS Sort Order: MUSYM

Butler County, Kansas: KS015

MUSYM/SEQ#	COMPONENT/TEXTURE/MU%	HYD	KFACT	SURFACE DEPTH	% OM	SPISP II Ratings		
						Leaching (SLP)	Solution Runoff (SSRP)	Adsorbed Runoff (SARP)
017RA 1	READING SIL 85%	B	0.32	17"	3.0%	L	I	I
017TU 1	TULLY GR-SICL 70%	C	0.28	14"	3.0%	L	H	H
035LE 1	LABETTE SICL 60%	C	0.37	7"	3.0%	L	H	H
035LE 2	SOGN SICL 30%	D	0.32	10"	2.0%	V	H	H
035MA 1	MARTIN SICL 90%	C	0.37	9"	3.0%	L	H	H
035MB 1	MARTIN SICL 90%	C	0.37	8"	3.0%	L	H	H
035SD 1	SOGN SICL 90%	D	0.32	10"	2.0%	V	H	H
049CK 1	CLIME ST-SICL 100%	C	0.28	2"	3.0%	L	H	H (s)
049FM 1	FLORENCE GR-SIL 60%	C	0.20	6"	6.0%	L	H	I
049FM 2	MARTIN SICL 30%	C	0.37	9"	3.0%	L	H	H
073LS 1	LABETTE SICL 50%	C	0.37	9"	3.0%	L	H	H
073LS 2	SOGN SICL 35%	D	0.32	15"	2.0%	V	H	H
073MB 1	MARTIN SICL 90%	C	0.37	11"	3.0%	L	H	H
079DE 1	DETROIT SICL 100%	C	0.37	11"	3.0%	L	H	H
079GC 1	GEARY SIL 100%	B	0.32	9"	2.5%	I	I	I
079GD 1	GEARY SIL 100%	B	0.32	7"	2.5%	I	I	I
079GE 1	GEARY SIL 100%	B	0.32	9"	2.5%	I	I	I
079HO 1	HOBBS SIL 100%	B	0.32	26"	3.0%	L	I	I
115CH 1	CHASE SICL 95%	C	0.37	12"	3.0%	H (w)	H	H
115CS 1	CLIME SICL 65%	C	0.37	7"	3.0%	L	H	H (s)
115CS 2	SOGN SICL 20%	D	0.32	8"	2.0%	V	H	H
115LG 1	LABETTE SICL 65%	C	0.37	7"	3.0%	L	H	H
115LG 2	SOGN SICL 25%	D	0.32	10"	2.0%	V	H	H
115VC 1	VERDIGRIS SIL 88%	B	0.32	7"	3.0%	I	I	I
115WB 1	WELLS L 90%	B	0.28	15"	2.5%	I	I	I
173EA 1	ELANDCO SIL 100%	B	0.43	40"	2.0%	L	I	I
173EC 1	ELANDCO SIL 100%	B	0.43	40"	2.0%	L	I	I
173VC 1	VANOSS SIL 100%	B	0.37	13"	2.0%	I	I	I

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AED 1	ARENTS, EARTHEN DAM 100%		0.00	0"	0.0% ?	?	?
Be 1	BENFIELD GR-SICL 60%	C	0.28	9"	2.5% L	H	H
Be 2	LABETTE GR-SICL 20%	C	0.28	13"	3.0% L	H	H
BOP 1	BORROW PITS 100%		0.00	0"	0.0% ?	?	?
Br 1	BREWER SICL 85%	C	0.37	14"	2.0% L	H	H
Cs 1	CLIME SIC 67%	C	0.28	9"	2.5% L	H	H
Cs 2	SOGN SICL 30%	D	0.32	7"	2.0% V	H	H
Dt 1	DWIGHT SIL 90%	D	0.43	5"	3.0% V	H	H
Dw 1	DWIGHT SICL 85%	D	0.37	5"	3.0% V	H	H
Fc 1	FLORENCE GR-SIL 85%	C	0.20	14"	6.0% L	H	I
FLL 1	FLORENCE GR-SIL 60%	C	0.20	13"	6.0% L	H	I
FLL 2	LABETTE SICL 25%	C	0.37	9"	3.0% L	H	H
Go 1	GOESSEL SIC 80%	D	0.28	18"	2.8% H (w)	H	H
GRP 1	GRAVEL PITS 100%		0.00	0"	0.0% ?	?	?
Gs 1	GOESSEL SIC 85%	D	0.28	18"	2.8% H (w)	H	H
Ic 1	IRWIN SICL 90%	D	0.37	11"	2.8% V	H	H
Id 1	IRWIN SICL 85%	D	0.37	11"	2.8% V	H	H
Ie 1	IRWIN SICL 85%	D	0.37	11"	2.8% V	H	H
If 1	IRWIN SICL 85%	D	0.37	5"	2.8% V	H	H
INT 1	AQUOLLS VAR 100%	C	0.00	72"	0.0% ?	H	?
IVC 1	IVAN SIL 85%	B	0.32	27"	3.0% L	I	I
IVF 1	IVAN SIL 90%	B	0.32	38"	3.0% L	I	I
La 1	LABETTE SICL 90%	C	0.37	13"	3.0% L	H	H
Lb 1	LABETTE SICL 85%	C	0.37	5"	3.0% L	H	H
Lb 2	IRWIN SICL 8%	D	0.37	11"	2.8% V	H	H
Lc 1	LABETTE SICL 90%	C	0.37	13"	3.0% L	H	H
Ld 1	LABETTE SICL 50%	C	0.37	13"	3.0% L	H	H
Ld 2	DWIGHT SIL 40%	D	0.43	5"	3.0% V	H	H
Le 1	LABETTE SICL 50%	C	0.37	13"	3.0% L	H	H
Le 2	SOGN SICL 45%	D	0.32	7"	2.0% V	H	H

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Ls 1	LADYSMITH SICL 90%	D	0.37	8"	3.0% V	H	H
M-W 1	MISCELLANEOUS WATER 100%		0.00	0"	0.0% ?	?	?
No 1	NORGE SIL 90%	B	0.37	9"	2.0% I	I	I
Nr 1	NORGE SIL 85%	B	0.37	9"	2.0% I	I	I
Ns 1	NORGE SIL 85%	B	0.37	9"	2.0% I	I	I
Nt 1	NORGE SICL 85%	B	0.32	5"	1.3% H	I	I
Od 1	OIL-WASTE LAND 100%		0.00	0"	0.0% ?	?	?
On 1	OLPE GR-SICL 50%	C	0.24	10"	1.5% L	H	H
On 2	NORGE SIL 30%	B	0.37	9"	2.0% I	I	I
Os 1	OSAGE SIC 90%	D	0.28	18"	2.5% H (w)	H	H
QUA 1	QUARRIES 100%		0.00	0"	0.0% ?	?	?
Ro 1	ROSEHILL SIC 85%	D	0.28	9"	2.0% V	H	H
So 1	SOGN SICL 90%	D	0.32	7"	2.0% V	H	H
Ts 1	TULLY SICL 90%	C	0.37	10"	3.0% L	H	H
Tt 1	TULLY SICL 85%	C	0.37	6"	3.0% L	H	H
Tu 1	TULLY SICL 90%	C	0.37	10"	3.0% L	H	H
Va 1	VANOSS SIL 95%	B	0.37	12"	2.0% I	I	I
Vb 1	VANOSS SIL 85%	B	0.37	12"	2.0% I	I	I
Vd 1	VERDIGRIS SIL 90%	B	0.32	8"	3.0% I	I	I
Ve 1	VERDIGRIS SIL 85%	B	0.32	8"	3.0% I	I	I
W 1	WATER 100%		0.00	0"	0.0% ?	?	?

(.\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