

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

Soils Data Table: SOIL_KS Sort Order: MUSYM

Lyon County, Kansas: KS111

							SPISP II Ratings		
MUSYM/SEQ#	COMPONENT/TEXTURE/MU%	HYD	KFACT	SURFACE DEPTH	% OM	Leaching (SLP)	Solution Adsorbed		
							Runoff (SSRP)	Runoff (SARP)	
017IN 1	IRWIN SICL 95%	D	0.37	4"	3.0%	V	H	H	
017IR 1	IRWIN SICL 90%	D	0.37	11"	2.8%	V	H	H	
017IS 1	IRWIN SICL 90%	D	0.37	4"	2.8%	V	H	H	
031CS 1	CLARESON SICL 50%	C	0.32	12"	2.5%	L	H	H	
031CS 2	SHIDLER SICL 30%	D	0.32	12"	3.0%	V	H	H	
031DE 1	DENNIS SICL 85%	C	0.37	6"	1.0%	H (w)	H	H	
031ES 1	ERAM SICL 60%	C	0.37	8"	2.0%	H (w)	H	H	
031ES 2	SHIDLER SICL 25%	D	0.32	12"	3.0%	V	H	H	
031LU 1	LULA SIL 90%	B	0.37	9"	2.0%	I	I	I	
031SA 1	SUMMIT SICL 100%	C	0.37	9"	3.0%	H (w)	H	H	
031SC 1	SUMMIT SICL 85%	C	0.37	9"	3.0%	H (w)	H	H	
073DN 1	DENNIS SIL 100%	C	0.43	12"	2.0%	H (w)	H	H	
073DS 1	DENNIS SICL 100%	C	0.37	6"	1.3%	H (w)	H	H	
073EC 1	ERAM SICL 90%	C	0.37	10"	2.0%	H (w)	H	H	
127IN 1	IRWIN SIC 85%	D	0.28	5"	2.5%	V	H	H	
127SN 1	SMOLAN SICL 90%	C	0.37	7"	3.0%	L	H	H	
139EN 1	ERAM SICL 85%	C	0.37	9"	2.5%	H (w)	H	H	
139LS 1	LEBO SICL 55%	B	0.32	6"	2.5%	I	I	I	
139LS 2	SUMMIT SICL 35%	C	0.37	8"	3.0%	H (w)	H	H	
139LU 1	LULA SIL 85%	C	0.37	8"	2.0%	L	H	H	
139SN 1	SUMMIT SICL 100%	C	0.37	8"	3.0%	H (w)	H	H	
139SO 1	SUMMIT SICL 90%	C	0.37	8"	3.0%	H (w)	H	H	
197CM 1	CLIME SICL 85%	C	0.32	5"	3.0%	L	H	H	
197EO 1	ELMONT SIL 80%	B	0.32	19"	3.0%	L	I	I	
197ID 1	IRWIN SICL 85%	D	0.37	6"	3.0%	V	H	H	
197IX 1	IVAN SICL 80%	B	0.32	40"	3.0%	L	I	I	
197LA 1	LABETTE SICL 75%	C	0.37	8"	3.0%	L	H	H	
197WE 1	WAMEGO SIL 75%	C	0.32	10"	3.0%	L	H	H	

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197WF 1	WAMEGO SICL 75%	C	0.32	11"	3.0% L	H	H
AED 1	ARENTS, EARTHEN DAM 100%		0.00	0"	0.0% ?	?	?
Ba 1	BATES L 100%	B	0.32	17"	2.5% I	I	I
Bb 1	BATES L 100%	B	0.32	17"	2.5% I	I	I
Bc 1	BATES L 65%	B	0.32	17"	2.5% I	I	I
Bc 2	COLLINSVILLE FSL 35%	D	0.20	7"	2.0% V	H	H
Ca 1	CHASE SICL 100%	C	0.37	17"	3.0% H (w)	H	H
Cb 1	CLIME SIC 100%	C	0.28	8"	2.5% L	H	H
Cc 1	CLIME SIC 100%	C	0.28	8"	2.5% L	H	H
Cd 1	CLIME SIC 75%	C	0.28	8"	2.5% L	H	H (s)
Cd 2	SOGN SICL 25%	D	0.32	9"	2.0% V	H	H
DE 1	DENNIS SIL 100%	C	0.43	12"	2.0% H (w)	H	H
Ea 1	ELMONT SIL 100%	B	0.32	12"	3.0% I	I	I
Eb 1	ELMONT SIL 100%	B	0.32	12"	3.0% I	I	I
Ec 1	ELMONT SICL 100%	B	0.32	6"	3.0% I	I	I
Ed 1	ERAM SIL 100%	C	0.43	9"	2.0% H (w)	H	H
Ee 1	ERAM SICL 100%	C	0.37	6"	2.0% H (w)	H	H
Ef 1	ERAM SIL 60%	C	0.43	7"	2.0% H (w)	H	H
Ef 2	BATES L 40%	B	0.32	7"	2.5% I	I	I
Fa 1	FLORENCE GR-SIL 60%	C	0.20	13"	3.0% L	H	I
Fa 2	LABETTE SICL 40%	C	0.37	10"	3.0% L	H	H
Ia 1	IVAN SIL 100%	B	0.32	35"	3.0% L	I	I
Ib 1	IVAN SIL 100%	B	0.32	35"	3.0% L	I	I
INT 1	AQUOLLS VAR 100%	C	0.00	72"	0.0% ?	H	?
IR 1	IRWIN SICL 85%	D	0.37	10"	3.0% V	H	H
Ka 1	KENOMA SIL 90%	D	0.43	8"	3.0% H (w)	H	H
Kb 1	KENOMA SICL 100%	D	0.37	6"	3.0% H (w)	H	H
Kc 1	KENOMA SIL 100%	D	0.43	10"	3.0% H (w)	H	H
Kd 1	KENOMA SICL 100%	D	0.37	6"	3.0% H (w)	H	H
La 1	LABETTE SICL 100%	C	0.37	8"	3.0% L	H	H

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Lb 1	LABETTE SICL 100%	C	0.37	8"	3.0% L	H	H
Lc 1	LABETTE SICL 100%	C	0.37	8"	3.0% L	H	H
Ld 1	LABETTE SICL 60%	C	0.37	8"	3.0% L	H	H
Ld 2	DWIGHT SIL 40%	D	0.43	4"	3.0% V	H	H
Le 1	LADYSMITH SICL 90%	D	0.37	7"	3.0% H (w)	H	H
M-W 1	MISCELLANEOUS WATER 100%		0.00	0"	0.0% ?	?	?
Ma 1	MARTIN SICL 90%	C	0.37	12"	3.0% H (w)	H	H
Mb 1	MARTIN SICL 100%	C	0.37	12"	3.0% H (w)	H	H
Mc 1	MARTIN SIC 100%	C	0.28	12"	2.5% H (w)	H	H
MS 1	MASON SIL 85%	B	0.37	7"	3.5% I	I	I
Oa 1	OLPE GR-SIL 70%	C	0.24	15"	1.5% L	H	H
Oa 2	KENOMA SIL 30%	D	0.43	10"	3.0% H (w)	H	H
Ob 1	ORTHENTS SIC 100%		0.32	60"	1.5% ?	?	?
Oc 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 100%	B	0.32	17"	3.0% L	I	I
Ta 1	TULLY SICL 100%	C	0.37	17"	3.0% L	H	H
Tb 1	TULLY SICL 100%	C	0.37	17"	3.0% L	H	H
Tc 1	TULLY SICL 80%	C	0.37	17"	3.0% L	H	H
Tc 2	CLIME SIC 20%	C	0.28	8"	2.5% L	H	H
Va 1	VINLAND L 100%	D	0.28	12"	3.0% V	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 90%	D	0.43	8"	2.5% H (w)	H	H
Za 1	ZAAR SIC 100%	D	0.28	14"	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