

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

Soils Data Table: SOIL_KS Sort Order: MUSYM

Cowley County, Kansas: KS035

							SPISP II Ratings		
							Leaching	Solution	Adsorbed
MUSYM/SEQ#	COMPONENT/TEXTURE/MU%	HYD	KFACT	SURFACE DEPTH	% OM	(SLP)	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	
015FC 1	FLORENCE GR-SIL 85%	C	0.20	14"	6.0%	L	H	I	
015LC 1	LABETTE SICL 90%	C	0.37	13"	3.0%	L	H	H	
015LS 1	LADYSMITH SICL 90%	D	0.37	7"	3.0%	H (w)	H	H	
015NS 1	NORGE SIL 85%	B	0.37	9"	2.0%	I	I	I	
015NT 1	NORGE SICL 85%	B	0.32	5"	1.3%	H	I	I	
015ON 1	OLPE GR-SICL 50%	C	0.24	10"	1.5%	L	H	H	
015ON 2	NORGE SIL 30%	B	0.37	9"	2.0%	I	I	I	
015VE 1	VERDIGRIS SIL 85%	B	0.32	8"	3.0%	I	I	I	
019MB 1	MARTIN SICL 90%	C	0.37	12"	3.0%	H (w)	H	H	
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	
049IV 1	IVAN SIL 85%	B	0.32	33"	3.0%	L	I	I	
191MB 1	MILAN L 100%	B	0.28	10"	2.0%	I	I	I	
191MC 1	MILAN L 100%	B	0.28	10"	2.0%	I	I	I	
191PX 1	PRATT LFS 100%	A	0.17	12"	0.8%	H	L	L	
191RO 1	ROSEHILL CL 100%	D	0.32	9"	2.0%	V	H	H	
191RS 1	ROSEHILL CL 100%	D	0.32	9"	2.0%	V	H	H	
191TV 1	TIVOLI FS 100%	A	0.17	7"	0.5%	H	L	I (s)	
191US 1	USTIFLUVENTS 100%		0.00	0"	0.0%	?	?	?	
Aa 1	ATTICA LFS 85%	B	0.17	9"	1.0%	H	I	I	
Ab 1	ATTICA LFS 70%	B	0.17	9"	1.0%	H	I	I	
Ab 2	TIVOLI LFS 25%	A	0.17	7"	1.0%	H	L	L	
AED 1	ARENTS, EARTHEN DAM 100%		0.00	0"	0.0%	?	?	?	
Ba 1	BETHANY SIL 100%	C	0.37	9"	2.3%	L	H	H	
Bb 1	BETHANY SIL 95%	C	0.37	9"	2.3%	L	H	H	

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Bc 1	BREWER SICL 90%	C	0.37	15"	2.0% L	H	H
Ca 1	CANADIAN FSL 90%	B	0.20	28"	1.5% I	I	I
Cb 1	CLIME SIC 55%	C	0.28	8"	2.5% L	H	H (s)
Cb 2	ROCK OUTCROP 25%	D	0.00	0"	0.0% V	H	L
Cc 1	CLIME SIC 60%	C	0.28	8"	2.5% L	H	H
Cc 2	SOGN SICL 20%	D	0.32	10"	2.0% V	H	H
Da 1	DALE SIL 90%	B	0.37	42"	2.0% L	I	I
Db 1	DWIGHT SIL 90%	D	0.43	5"	3.0% V	H	H
Fa 1	FLORENCE GR-SIL 85%	C	0.20	14"	6.0% L	H	I
Ia 1	IRWIN SICL 85%	D	0.37	13"	2.8% V	H	H
Ib 1	IVAN SIL 85%	B	0.32	28"	3.0% L	I	I
La 1	LABETTE SICL 85%	C	0.37	7"	3.0% L	H	H
Lb 1	LABETTE SICL 90%	C	0.37	6"	3.0% L	H	H
Lc 1	LABETTE SICL 85%	C	0.37	7"	3.0% L	H	H
Ld 1	LABETTE SICL 55%	C	0.37	7"	3.0% L	H	H
Ld 2	DWIGHT SIL 35%	D	0.43	5"	3.0% V	H	H
Le 1	LABETTE SICL 60%	C	0.37	7"	3.0% L	H	H
Le 2	SOGN SICL 30%	D	0.32	10"	2.0% V	H	H
Lf 1	LESHO CL 90%	C	0.28	17"	2.0% H (w)	H	H
Lg 1	LINCOLN FSL 55%	A	0.24	9"	0.6% H	L	L
Lg 2	TIVOLI LFS 30%	A	0.17	7"	0.6% H	L	L
M-W 1	MISCELLANEOUS WATER 100%		0.00	0"	0.0% ?	?	?
Ma 1	MARTIN SICL 90%	C	0.37	9"	3.0% L	H	H
Mb 1	MARTIN SICL 90%	C	0.37	8"	3.0% L	H	H
Mc 1	MARTIN SICL 90%	C	0.37	9"	3.0% L	H	H
MCC 1	MARTIN SICL 90%	C	0.37	9"	3.0% L	H	H
Md 1	MARTIN SICL 55%	C	0.37	9"	3.0% L	H	H
Md 2	FLORENCE GR-SIL 30%	C	0.20	14"	6.0% L	H	I
Me 1	MILAN FSL 90%	B	0.20	9"	1.5% H	I	I
Mf 1	MINCO SIL 90%	B	0.37	42"	2.0% L	I	I

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Mg 1	MINCO SIL 85%	B	0.37	42"	2.0% L	I	I
Na 1	NORGE SIL 90%	B	0.37	8"	2.0% I	I	I
Nb 1	NORGE SIL 85%	B	0.37	7"	2.0% I	I	I
Nc 1	NORGE SICL 85%	B	0.32	6"	2.0% I	I	I
Oa 1	OLPE GR-SIL 85%	C	0.24	10"	1.5% L	H	H
Ob 1	OSAGE SIC 90%	D	0.28	18"	2.5% H (w)	H	H
Ra 1	READING SIL 85%	B	0.32	14"	3.0% I	I	I
Rb 1	ROSEHILL SIC 90%	D	0.28	8"	2.0% V	H	H
Rc 1	ROSEHILL SIC 90%	D	0.28	8"	2.0% V	H	H
Sa 1	SMOLAN SICL 90%	C	0.37	8"	3.0% L	H	H
Sb 1	SMOLAN SICL 90%	C	0.37	8"	3.0% L	H	H
Sc 1	SMOLAN SICL 90%	C	0.37	6"	3.0% L	H	H
Sd 1	SOGN SICL 90%	D	0.32	10"	2.0% V	H	H
Ta 1	TABLER SICL 95%	D	0.37	8"	2.0% V	H	H
Tb 1	TABLER SICL 100%	D	0.37	8"	2.0% V	H	H
Va 1	VANOSS SIL 95%	B	0.37	12"	2.0% I	I	I
Vb 1	VANOSS SIL 95%	B	0.37	12"	2.0% I	I	I
Vc 1	VANOSS SIL 90%	B	0.37	12"	2.0% I	I	I
Vd 1	VERDIGRIS SIL 85%	B	0.32	38"	3.0% L	I	I
W 1	WATER AREAS 100%		0.00	0"	0.0% ?	?	?
Wa 1	WAURIKA SIL 100%	D	0.37	12"	2.0% 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