

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

Soils Data Table: SOIL_KS Sort Order: MUSYM

Anderson County, Kansas: KS003

							SPISP II Ratings		
							Leaching	Solution	Adsorbed
MUSYM/SEQ#	COMPONENT/TEXTURE/MU%	HYD	KFACT	SURFACE DEPTH	% OM	(SLP)	Runoff (SSRP)	Runoff (SARP)	
001CA 1	CATOOSA SIL 90%	B	0.37	11"	2.0%	I	I	I	
001CB 1	CATOOSA SIL 58%	B	0.37	11"	2.0%	I	I	I	
001CB 2	ROCK OUTCROP 29%	D	0.00	0"	0.0%	V	H	L	
001CC 1	COLLINSVILLE FSL 50%	D	0.20	7"	2.0%	V	H	H	
001CC 2	BATES L 41%	B	0.32	8"	2.0%	I	I	I	
001EC 1	ERAM SICL 90%	C	0.37	8"	2.0%	H (w)	H	H	
031EB 1	ERAM SIL 85%	C	0.43	10"	2.0%	H (w)	H	H	
031EC 1	ERAM SIL 85%	C	0.43	10"	2.0%	H (w)	H	H	
031EP 1	ERAM SICL 50%	C	0.37	8"	2.0%	H (w)	H	H	
031EP 2	APPERSON SICL 35%	C	0.37	9"	2.0%	H (w)	H	H	
031ER 1	ERAM SIL 65%	C	0.43	10"	2.0%	H (w)	H	H	
031ER 2	COLLINSVILLE L 20%	D	0.32	14"	2.0%	V	H	H	
031LU 1	LULA SIL 85%	B	0.37	9"	2.0%	I	I	I	
059CM 1	CLARESON SICL 55%	C	0.32	7"	3.3%	L	H	H	
059CM 2	ERAM SICL 30%	C	0.37	7"	2.0%	H (w)	H	H	
059DN 1	DENNIS SIL 60%	C	0.43	10"	2.0%	H (w)	H	H	
059DN 2	BATES L 30%	B	0.32	19"	2.5%	L	I	I	
059EA 1	ERAM SICL 55%	C	0.37	7"	2.0%	H (w)	H	H	
059EA 2	LEBO SICL 35%	B	0.32	14"	2.5%	I	I	I	
059EC 1	ERAM SICL 60%	C	0.37	7"	2.0%	H (w)	H	H	
059EC 2	LULA SIL 25%	B	0.37	7"	2.0%	I	I	I	
059LN 1	LEBO ST-SICL 75%	B	0.24	7"	2.5%	I	I	H (s)	
059LN 2	ROCK OUTCROP 15%	D	0.00	0"	0.0%	V	H	L	
059OV 1	OSAGE SIC 90%	D	0.28	17"	2.5%	H (w)	H	H	
602CM 1	CLARESON SICL 60%	C	0.32	11"	2.5%	L	H	H	
602CM 2	ROCK OUTCROP 20%	D	0.00	0"	0.0%	V	H	L	
602EF 1	ERAM SICL 55%	C	0.37	9"	2.0%	H (w)	H	H	
602EF 2	LEBO SICL 35%	B	0.32	12"	2.5%	I	I	H (s)	

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602LB 1	LEBO CN-SICL 85%	B	0.24	11"	2.5% I	I	H (s)
AED 1	ARENTS, EARTHEN DAM 100%		0.00	0"	0.0% ?	?	?
BOP 1	BORROW PITS 100%		0.00	0"	0.0% ?	?	?
Cb 1	CATOOSA SIL 85%	B	0.37	8"	2.0% I	I	I
Cc 1	CLARESON FL-SICL 60%	C	0.24	7"	2.5% L	H	H
Cc 2	ROCK OUTCROP 20%		0.00	0"	0.0% ?	?	?
Cd 1	COLLINSVILLE L 65%	D	0.32	6"	2.0% V	H	H
Cd 2	BATES L 20%	B	0.32	6"	2.0% I	I	I
Db 1	DENNIS SIL 85%	C	0.43	10"	2.0% H (w)	H	H
De 1	DENNIS SICL 85%	C	0.37	10"	0.8% H (w)	H	H
Eb 1	ERAM SICL 85%	C	0.37	15"	2.0% H (w)	H	H
Ec 1	ERAM SICL 85%	C	0.37	15"	2.0% H (w)	H	H
Ed 1	ERAM SICL 85%	C	0.37	15"	2.0% H (w)	H	H
Eh 1	ERAM SICL 85%	C	0.37	15"	2.0% H (w)	H	H
Ek 1	ERAM SICL 60%	C	0.37	15"	2.0% H (w)	H	H
Ek 2	CLARESON FL-SICL 20%	C	0.24	7"	2.5% L	H	H
Eo 1	ERAM SICL 40%	C	0.37	15"	2.0% H (w)	H	H
Eo 2	GULLIED LAND 40%		0.00	0"	0.0% ?	?	?
Ep 1	ERAM SICL 45%	C	0.37	15"	2.0% H (w)	H	H (s)
Ep 2	TALIHINA SICL 35%	D	0.37	15"	2.0% V	H	H (s)
Ev 1	ERAM SICL 50%	C	0.37	15"	2.0% H (w)	H	H
Ev 2	VERDIGRIS SIL 15%	B	0.32	18"	3.0% L	I	I
GRP 1	GRAVEL PITS 100%		0.00	0"	0.0% ?	?	?
Kb 1	KENOMA SIL 85%	D	0.43	7"	3.5% V	H	H
Kd 1	KENOMA SICL 85%	D	0.43	7"	2.0% V	H	H
Kh 1	KENOMA SICL 40%	D	0.43	7"	3.5% V	H	H
Kh 2	OLPE GR-SIL 35%	C	0.24	10"	1.5% L	H	H
La 1	LANTON SICL 85%	C	0.37	9"	3.0% H (w)	H	H
Le 1	LEANNA SIL 85%	D	0.32	17"	2.5% H (w)	H	H
Lh 1	LULA SIL 85%	B	0.37	13"	2.0% I	I	I

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LIQ 1	LIMESTONE QUARRY	100%		0.00	0"	0.0% ?	?	?
Me 1	MASON SIL	85%	B	0.37	13"	2.0% I	I	I
Mf 1	MAYES SICL	85%	D	0.43	11"	2.0% H (w)	H	H
Ok 1	OKEMAH SIL	85%	C	0.43	9"	2.0% H (w)	H	H
Op 1	OLPE GR-SIL	85%	C	0.24	10"	1.5% L	H	H
Os 1	OSAGE SICL	85%	D	0.28	13"	2.5% H (w)	H	H
Se 1	STONY LAND	60%		0.00	0"	0.0% ?	?	?
Se 2	TALIHINA SICL	20%	D	0.37	15"	2.0% V	H	H
Sf 1	SUMMIT SICL	85%	C	0.37	8"	3.0% H (w)	H	H
Sh 1	SUMMIT SICL	85%	C	0.37	8"	3.0% H (w)	H	H
Sk 1	SUMMIT SICL	85%	C	0.37	8"	3.0% H (w)	H	H
So 1	SUMMIT SICL	55%	C	0.37	8"	3.0% H (w)	H	H
So 2	ERAM SICL	30%	C	0.37	15"	2.0% H (w)	H	H
VC 1	VERDIGRIS SIL	85%	B	0.32	24"	3.0% L	I	I
Vf 1	VERDIGRIS SIL	85%	B	0.32	18"	3.0% L	I	I
Vx 1	VERDIGRIS SIL	55%	B	0.32	18"	3.0% L	I	I
W 1	WATER	100%		0.00	0"	0.0% ?	?	?
Wb 1	WELDA SIL	85%	C	0.37	12"	0.8% L	H	H
Wc 1	WELDA SIL	85%	C	0.37	12"	0.8% L	H	H
Wd 1	WOODSON SIL	85%	D	0.43	8"	3.0% H (w)	H	H
Wf 1	WOODSON SIL	85%	D	0.43	8"	3.0% H (w)	H	H
Wh 1	WOODSON SICL	85%	D	0.43	5"	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