

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

Soils Data Table: SOIL_KS Sort Order: MUSYM

Elk County, Kansas: KS049

							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	
015LA 1	LABETTE SICL 90%	C	0.37	13"	3.0%	L	H	H	
015LD 1	LABETTE SICL 50%	C	0.37	13"	3.0%	L	H	H	
015LD 2	DWIGHT SIL 40%	D	0.43	5"	3.0%	V	H	H	
015LS 1	LADYSMITH SICL 90%	D	0.37	8"	3.0%	V	H	H	
035FA 1	FLORENCE GR-SIL 85%	C	0.20	14"	6.0%	L	H	I	
035SD 1	SOGN SICL 90%	D	0.32	10"	2.0%	V	H	H	
073CA 1	CHASE SICL 90%	C	0.37	14"	3.0%	H (w)	H	H	
073EB 1	ERAM SICL 85%	C	0.37	9"	2.0%	H (w)	H	H	
073RE 1	READING SIL 90%	B	0.32	15"	3.0%	L	I	I	
125BF 1	BATES L 50%	B	0.32	15"	2.5%	I	I	I	
125BF 2	COLLINSVILLE FSL 40%	D	0.20	11"	2.0%	V	H	H	
125ET 1	ERAM SICL 50%	C	0.37	11"	2.0%	H (w)	H	H	
125ET 2	TALIHINA SICL 35%	D	0.37	17"	2.0%	H (w)	H	H (s)	
125OS 1	OSAGE SIC 90%	D	0.28	17"	2.5%	H (w)	H	H	
205BA 1	BATES L 99%	B	0.32	16"	2.5%	I	I	I	
205EB 1	ERAM SIL 90%	C	0.43	9"	2.0%	H (w)	H	H	
205ND 1	NIOTAZE CB-FSL 50%	C	0.20	9"	2.0%	H (w)	H	H (s)	
205ND 2	DARNELL FSL 35%	C	0.24	6"	0.7%	I	H	H	
205PE 1	PRUE L 90%	B	0.32	11"	0.8%	H	I	I	
205SC 1	SHIDLER SICL 70%	D	0.32	10"	3.0%	V	H	H	
205SC 2	CATOOSA SIL 15%	B	0.37	10"	2.0%	I	I	I	
205SF 1	STEEDMAN ST-SIL 90%	C	0.28	8"	1.8%	H (w)	H	H (s)	
205SM 1	STEPHENVILLE FSL 60%	B	0.24	17"	1.3%	I	I	I	
205SM 2	DARNELL FSL 30%	C	0.24	6"	0.7%	I	H	H	
205WO 1	WOODSON SIL 90%	D	0.43	8"	2.5%	H (w)	H	H	

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AED 1	ARENTS, EARTHEN DAM 100%		0.00	0"	0.0% ?	?	?
Ba 1	BATES FSL 90%	B	0.20	10"	1.5% H	I	I
Bb 1	BATES L 90%	B	0.32	10"	2.0% I	I	I
Bf 1	BENFIELD GR-SIL 85%	C	0.28	10"	2.0% L	H	H
Cd 1	CATOOSA SIL 90%	B	0.37	10"	2.0% I	I	I
Cf 1	CATOOSA SIL 55%	B	0.37	9"	2.0% I	I	I
Cf 2	SOGN SICL 35%	D	0.32	8"	2.0% V	H	H
Ck 1	CLIME ST-SICL 100%	C	0.28	2"	3.0% L	H	H (s)
Cm 1	CLIME SIC 90%	C	0.28	10"	2.5% L	H	H
Cs 1	CLIME SIC 65%	C	0.28	10"	2.5% L	H	H (s)
Cs 2	SOGN SICL 20%	D	0.32	8"	2.0% V	H	H
Cv 1	COLLINSVILLE FSL 55%	D	0.20	8"	2.0% V	H	H
Cv 2	BATES FSL 35%	B	0.20	8"	1.5% H	I	I
De 1	DENNIS SIL 100%	C	0.43	12"	2.0% H (w)	H	H
Df 1	DENNIS SIL 100%	C	0.43	13"	2.0% H (w)	H	H
Dg 1	DENNIS SICL 100%	C	0.37	7"	2.0% H (w)	H	H
Dw 1	DWIGHT SIL 90%	D	0.43	4"	3.0% V	H	H
Em 1	ERAM SIL 90%	C	0.43	10"	2.0% H (w)	H	H
En 1	ERAM SICL 90%	C	0.37	10"	2.0% H (w)	H	H
Eo 1	ERAM SICL 90%	C	0.37	6"	2.0% H (w)	H	H
Es 1	ERAM SIL 70%	C	0.43	10"	2.0% H (w)	H	H
Es 2	DWIGHT SIL 30%	D	0.43	4"	3.0% V	H	H
Fe 1	FIAT SICL 90%	C	0.37	11"	2.0% H (w)	H	H
Fm 1	FLORENCE GR-SIL 60%	C	0.20	6"	6.0% L	H	I
Fm 2	MARTIN SICL 30%	C	0.37	9"	3.0% L	H	H
Iv 1	IVAN SIL 85%	B	0.32	33"	3.0% L	I	I
Iw 1	IVAN SIL 90%	B	0.32	33"	3.0% L	I	I
Kd 1	KENOMA SIL 90%	D	0.43	8"	3.5% V	H	H
La 1	LABETTE SICL 90%	C	0.37	9"	3.0% L	H	H
Ld 1	LABETTE SICL 65%	C	0.37	9"	3.0% L	H	H

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Ld 2	DWIGHT SIL 35%	D	0.43	4"	3.0% V	H	H
Lg 1	LABETTE SICL 55%	C	0.37	9"	3.0% L	H	H
Lg 2	SOGN SICL 35%	D	0.32	8"	2.0% V	H	H
Ln 1	LANTON SICL 100%	C	0.37	7"	3.0% H (w)	H	H
M-W 1	MISCELLANEOUS WATER 100%		0.00	0"	0.0% ?	?	?
Mb 1	MARTIN SICL 90%	C	0.37	12"	3.0% H (w)	H	H
Mc 1	MARTIN SICL 90%	C	0.37	9"	3.0% L	H	H
Me 1	MARTIN SIC 90%	C	0.28	7"	1.5% L	H	H
Mn 1	MASON SIL 90%	B	0.37	14"	2.0% I	I	I
Nc 1	NEWTONIA SIL 100%	B	0.37	12"	2.5% I	I	I
Nd 1	NIOTAZE CB-FSL 75%	C	0.20	7"	2.0% H (w)	H	H (s)
Nd 2	DARNELL FSL 15%	C	0.24	4"	0.7% I	H	H (s)
NDD 1	NIOTAZE CB-FSL 55%	C	0.20	11"	0.8% H (w)	H	H (s)
NDD 2	DARNELL FSL 35%	C	0.24	6"	0.5% I	H	H
Os 1	OSAGE SICL 100%	D	0.32	11"	2.5% H (w)	H	H
Po 1	Pits, quarries VAR 100%		0.00	60"	0.0% ?	?	?
Pr 1	PRUE FSL 100%	B	0.24	11"	0.8% H	I	I
Sh 1	SOGN SICL 85%	D	0.32	8"	2.0% V	H	H
St 1	STEEDMAN ST-L 85%	C	0.24	7"	1.8% H (w)	H	H (s)
Sv 1	STEPHENVILLE FSL 95%	B	0.24	11"	1.3% H	I	I
Sw 1	STEPHENVILLE FSL 50%	B	0.24	11"	1.3% H	I	I
Sw 2	DARNELL FSL 40%	C	0.24	4"	0.7% I	H	H
SXX 1	STEPHENVILLE FSL 50%	B	0.24	17"	0.5% H	I	I
SXX 2	DARNELL FSL 40%	C	0.24	6"	0.5% I	H	H
Vd 1	VERDIGRIS SIL 85%	B	0.32	27"	3.0% L	I	I
Vf 1	VERDIGRIS SIL 100%	B	0.32	27"	3.0% L	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

(.\REPORTS\SOILS.TXT generated on 12/12/01 at 12:11:15)

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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