

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

Soils Data Table: SOIL_KS Sort Order: MUSYM

Sedgwick County, Kansas: KS173

							SPISP II Ratings		
							Leaching	Solution	Adsorbed
MUSYM/SEQ#	COMPONENT/TEXTURE/MU%	HYD	KFACT	SURFACE DEPTH	% OM	(SLP)	Runoff (SSRP)	Runoff (SARP)	
015LS 1	LADYSMITH SICL 90%	D	0.37	7"	3.0%	H (w)	H	H	
079CR 1	CRETE SIL 100%	C	0.37	5"	3.0%	L	H	H	
079CT 1	CRETE SIL 100%	C	0.37	5"	3.0%	L	H	H	
079DE 1	DETROIT SICL 100%	C	0.37	11"	3.0%	L	H	H	
079DU 1	DRUMMOND L 100%	D	0.49	9"	0.8%	H (w)	H	H	
079FA 1	FARNUM FSL 100%	B	0.20	14"	1.5%	I	I	I	
079FE 1	FARNUM L 100%	B	0.28	11"	2.0%	I	I	I	
079GD 1	GEARY SIL 100%	B	0.32	9"	2.5%	I	I	I	
079KA 1	KASKI L 100%	B	0.28	24"	2.0%	L	I	I	
079LA 1	LADYSMITH SICL 100%	D	0.37	10"	3.0%	V	H	H	
079LB 1	LADYSMITH SICL 100%	D	0.37	10"	3.0%	V	H	H	
079SM 1	SMOLAN SICL 90%	C	0.37	8"	3.0%	L	H	H	
095AD 1	ALBION SL 100%	B	0.20	8"	1.5%	H	I	I	
095LA 1	LINCOLN LFS 100%	A	0.17	10"	0.5%	H	L	L	
095WA 1	WALDECK FSL 100%	C	0.20	25"	1.5%	H (w)	H	I	
1011 1	ALBION SL 70%	B	0.20	9"	1.5%	H	I	I	
1011 2	SHELLABARGER SL 30%	B	0.20	7"	1.5%	H	I	I	
1070 1	AVANS L 100%	B	0.37	5"	2.0%	I	I	I	
1071 1	AVANS L 85%	B	0.37	5"	2.0%	I	I	I	
1072 1	AVANS L 85%	B	0.37	5"	2.0%	I	I	I	
191BA 1	BETHANY SIL 100%	C	0.37	6"	2.0%	L	H	H	
191BB 1	BETHANY SIL 100%	C	0.37	6"	2.0%	L	H	H	
191DR 1	DALE SIL 50%	B	0.37	21"	2.0%	I	I	I	
191DR 2	REINACH SIL 50%	B	0.37	80"	2.0%	L	I	I	
191EA 1	ELANDCO SIL 100%	B	0.43	40"	2.0%	L	I	I	
191LO 1	LESHO CL 100%	C	0.28	18"	2.0%	H (w)	H	H	
2204 1	JAMASH CL 50%	D	0.37	4"	2.0%	V	H	H	
2204 2	PIEDMONT CL 50%	D	0.37	4"	2.0%	V	H	H	

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2205 1	JAMASH CL 60%	D	0.37	4"	2.0% V	H	H
2205 2	PIEDMONT CL 40%	D	0.37	4"	2.0% V	H	H
2207 1	JAMASH CL 80%	D	0.37	4"	2.0% V	H	H
2381 1	KANZA SL 50%	D	0.20	4"	2.0% H (w)	H	H
2381 2	NINNESCAH SL 50%	B	0.20	6"	2.5% H (w)	I	I
2587 1	IMANO CL 85%	C	0.28	10"	2.0% H (w)	H	H
2948 1	NALIM L 80%	B	0.28	6"	2.0% I	I	I
3052 1	OST L 55%	B	0.28	8"	2.0% I	I	I
3052 2	CLARK L 45%	B	0.28	11"	1.5% I	I	I
3170 1	PENALOSA SIL 100%	C	0.37	5"	2.0% L	H	H
3171 1	PENALOSA SIL 100%	C	0.37	5"	2.0% L	H	H
3535 1	SHELLABARGER SL 55%	B	0.20	7"	1.5% H	I	I
3535 2	NALIM L 45%	B	0.28	6"	2.0% I	I	I
3639 1	TAVER L 90%	D	0.28	7"	2.0% V	H	H
3966 1	WILLOWBROOK FSL 90%	B	0.20	4"	1.5% H (w)	I	I
4004 1	YAGGY FSL 95%	C	0.20	5"	0.8% H (w)	H	I
Aa 1	ALBION SL 70%	B	0.20	9"	1.5% H	I	I
Aa 2	SHELLABARGER SL 30%	B	0.20	15"	1.5% I	I	I
Ab 1	ALBION SL 50%	B	0.20	9"	1.5% H	I	I
Ab 2	SHELLABARGER SL 50%	B	0.20	15"	1.5% I	I	I
AED 1	ARENTS, EARTHEN DAM 100%		0.00	0"	0.0% ?	?	?
Ba 1	BLANKET SIL 100%	C	0.37	14"	2.0% L	H	H
Bb 1	BLANKET SIL 100%	C	0.37	14"	2.0% L	H	H
BRR 1	BREWER SICL 85%	C	0.37	14"	2.0% L	H	H
Ca 1	CANADIAN FSL 100%	B	0.20	20"	2.0% I	I	I
Cb 1	CANADIAN FSL 70%	B	0.20	20"	2.0% I	I	I
Cb 2	WALDECK FSL 30%	C	0.20	14"	1.5% H (w)	H	I
Cc 1	CARWILE FSL 100%	D	0.24	18"	2.0% H (w)	H	H
Cd 1	CLARK CL 75%	B	0.28	11"	1.5% I	I	I
Cd 2	OST CL 25%	B	0.32	7"	2.0% I	I	I

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Ce 1	CLIME SIC 100%	C	0.28	9"	2.5% L	H	H
Ea 1	ELANDCO SIL 100%	B	0.43	40"	2.0% L	I	I
Eb 1	ELANDCO SIL 100%	B	0.43	40"	2.0% L	I	I
Ec 1	ELANDCO SIL 100%	B	0.43	40"	2.0% L	I	I
Fa 1	FARNUM L 100%	B	0.28	14"	2.0% I	I	I
Fb 1	FARNUM L 100%	B	0.28	14"	2.0% I	I	I
Fc 1	FARNUM L 100%	B	0.28	14"	2.0% I	I	I
Ga 1	GOESSEL SIC 100%	D	0.28	5"	2.5% H (w)	H	H
Gb 1	GOESSEL SIC 100%	D	0.28	5"	2.5% H (w)	H	H
Ia 1	IRWIN SICL 100%	D	0.32	13"	3.0% V	H	H
Ib 1	IRWIN SICL 100%	D	0.32	13"	3.0% V	H	H
Ic 1	IRWIN SICL 100%	D	0.32	6"	3.0% V	H	H
INT 1	AQUOLLS VAR 100%	C	0.00	72"	0.0% ?	H	?
KAA 1	KASKI L 100%	B	0.28	24"	2.0% L	I	I
La 1	LESHO L 100%	C	0.28	10"	2.0% H (w)	H	H
Lb 1	LINCOLN FSL 100%	A	0.20	8"	0.5% H	L	L
M-W 1	MISCELLANEOUS WATER 100%		0.00	0"	0.0% ?	?	?
Ma 1	MILAN L 100%	B	0.28	11"	2.0% I	I	I
Mb 1	MILAN L 100%	B	0.28	11"	2.0% I	I	I
Mc 1	MILAN CL 100%	B	0.28	6"	2.0% I	I	I
Na 1	NARON FSL 100%	B	0.20	8"	2.0% I	I	I
Oc 1	WELLSFORD CL 100%	D	0.32	7"	1.3% V	H	H
Od 1	WELLSFORD CL 60%	D	0.32	7"	1.3% V	H	H
Od 2	ROCK OUTCROP 40%	D	0.00	0"	0.0% V	H	L
Pa 1	PITS 100%		0.00	0"	0.0% ?	?	?
Pb 1	PLEVNA FSL 100%	D	0.20	9"	2.5% H (w)	H	H
Pc 1	PRATT LFS 100%	A	0.17	18"	0.8% H	L	L
Pd 1	PRATT LFS 65%	A	0.17	18"	0.8% H	L	L
Pd 2	TIVOLI LFS 35%	A	0.17	10"	0.5% H	L	I (s)
Ra 1	RENFROW SICL 100%	D	0.43	9"	2.0% V	H	H

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Rb 1	RENFROW SICL 100%	D	0.43	9"	2.0% V	H	H
Rc 1	RENFROW CL 65%	D	0.43	9"	2.0% V	H	H
Rc 2	WELLSFORD CL 35%	D	0.32	7"	1.3% V	H	H
Rd 1	ROSEHILL SIC 100%	D	0.28	8"	2.0% V	H	H
Sa 1	SHELLABARGER SL 100%	B	0.20	15"	1.5% I	I	I
Sb 1	SHELLABARGER SL 100%	B	0.20	15"	1.5% I	I	I
Sc 1	SHELLABARGER SL 100%	B	0.20	15"	1.5% I	I	I
Ta 1	TABLER SICL 100%	D	0.43	9"	2.0% V	H	H
Tb 1	TABLER SIL 60%	D	0.49	9"	2.0% V	H	H
Tb 2	DRUMMOND SIL 40%	D	0.49	8"	0.8% H (w)	H	H
Ua 1	URBAN LAND 70%		0.00	0"	0.0% ?	?	?
Ua 2	CANADIAN FSL 30%	B	0.20	20"	2.0% I	I	I
Ub 1	URBAN LAND 75%		0.00	0"	0.0% ?	?	?
Ub 2	ELANDCO SIL 25%	B	0.43	40"	2.0% L	I	I
Uc 1	URBAN LAND 70%		0.00	0"	0.0% ?	?	?
Uc 2	FARNUM L 30%	B	0.28	14"	2.0% I	I	I
Ud 1	URBAN LAND 70%		0.00	0"	0.0% ?	?	?
Ud 2	IRWIN SICL 30%	D	0.32	13"	3.0% V	H	H
Ue 1	URBAN LAND 70%		0.00	0"	0.0% ?	?	?
Ue 2	TABLER SICL 30%	D	0.43	9"	2.0% V	H	H
Va 1	VANOSS SIL 100%	B	0.37	13"	2.0% I	I	I
Vb 1	VANOSS SIL 100%	B	0.37	13"	2.0% I	I	I
Vc 1	VANOSS SIL 100%	B	0.37	13"	2.0% I	I	I
Vd 1	VANOSS SIL 100%	B	0.37	7"	2.0% I	I	I
Ve 1	VERNON SL 100%	D	0.20	8"	1.3% V	H	H
Vf 1	VERNON SL 100%	D	0.20	8"	1.3% V	H	H
W 1	WATER 100%		0.00	0"	0.0% ?	?	?
Wa 1	WALDECK SL 100%	C	0.20	14"	1.5% H (w)	H	I
Wb 1	WAURIKA SIL 100%	D	0.49	15"	2.0% 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