

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

Soils Data Table: SOIL_KS Sort Order: MUSYM

Sumner County, Kansas: KS191

MUSYM/SEQ#	COMPONENT/TEXTURE/MU%	HYD	KFACT	SURFACE DEPTH	% OM	SPISP II Ratings		
						Leaching (SLP)	Solution Runoff (SSRP)	Adsorbed Runoff (SARP)
015LS 1	LADYSMITH SICL 90%	D	0.37	8"	3.0%	V	H	H
035LG 1	LINCOLN FSL 55%	A	0.24	9"	0.6%	H	L	L
035LG 2	TIVOLI LFS 30%	A	0.17	7"	0.6%	H	L	L
035VC 1	VANOSS SIL 90%	B	0.37	12"	2.0%	I	I	I
035VD 1	VERDIGRIS SIL 85%	B	0.32	38"	3.0%	L	I	I
077AN 1	KASKI L 100%	B	0.28	26"	2.0%	L	I	I
077BM 1	LINCOLN LFS 100%	A	0.17	21"	0.5%	H	L	L
077BP 1	WOODWARD SIL 65%	B	0.37	24"	1.3%	I	I	H (s)
077BP 2	PORT SIL 35%	B	0.37	27"	2.0%	L	I	I
077CE 1	CORBIN SIL 100%	B	0.32	16"	2.0%	I	I	I
077CF 1	CORBIN SIL 100%	B	0.32	16"	2.0%	I	I	I
077GN 1	GRANT SIL 100%	B	0.37	11"	2.0%	I	I	I
077GS 1	GRANT SIL 100%	B	0.37	11"	2.0%	I	I	I
077KR 1	KIRKLAND CL 70%	D	0.43	12"	2.0%	V	H	H
077KR 2	RENFROW CL 30%	D	0.43	9"	2.0%	V	H	H
077KW 1	KIRKLAND CL 70%	D	0.43	6"	2.0%	V	H	H
077KW 2	RENFROW CL 30%	D	0.43	6"	2.0%	V	H	H
077PH 1	PORT SIL 100%	B	0.37	22"	2.0%	I	I	I
077PT 1	PRATT LFS 50%	A	0.17	12"	0.8%	H	L	L
077PT 2	TIVOLI LFS 50%	A	0.17	5"	0.5%	H	L	L
077SO 1	SHELLABARGER FSL 70%	B	0.20	13"	1.5%	I	I	I
077SO 2	ALBION SL 30%	B	0.20	6"	1.5%	H	I	I
077TH 1	TIVOLI FS 100%	A	0.17	5"	0.5%	H	L	L
095DA 1	DILLWYN LFS 60%	A	0.17	8"	1.0%	H (w)	L	L
095DA 2	PLEVNA FSL 40%	D	0.20	11"	2.5%	H (w)	H	H
095OA 1	OWENS CL 100%	D	0.32	6"	1.3%	V	H	H
095RA 1	RENFROW CL 100%	D	0.43	8"	2.0%	V	H	H
173EA 1	ELANDCO SIL 100%	B	0.43	40"	2.0%	L	I	I

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173LA 1	LESHO L 100%	C	0.28	10"	2.0% H (w)	H	H
173PB 1	PLEVNA FSL 100%	D	0.20	9"	2.5% H (w)	H	H
173RA 1	RENFROW SICL 100%	D	0.43	9"	2.0% V	H	H
AED 1	ARENTS, EARTHEN DAM 100%		0.00	0"	0.0% ?	?	?
Ba 1	BETHANY SIL 100%	C	0.43	14"	2.0% L	H	H
Bb 1	BETHANY SIL 100%	C	0.43	14"	2.0% L	H	H
BOA 1	BORROW AREAS 100%		0.00	0"	0.0% ?	?	?
Br 1	BREWER SICL 100%	C	0.37	12"	2.0% L	H	H
Bs 1	BREWER SICL 70%	C	0.37	12"	2.0% L	H	H
Bs 2	DRUMMOND SICL 30%	D	0.43	8"	0.8% H (w)	H	H
Ca 1	CANADIAN SL 100%	B	0.20	15"	2.0% I	I	I
CAA 1	CANADIAN FSL 90%	B	0.20	28"	1.5% I	I	I
Cc 1	CARWILE FSL 100%	D	0.24	10"	2.0% H (w)	H	H
Cr 1	CORBIN SIL 100%	B	0.32	12"	2.0% I	I	I
Cs 1	CRISFIELD SL 100%	B	0.20	16"	1.5% I	I	I
Da 1	DALE SIL 100%	B	0.37	21"	2.0% I	I	I
Dr 1	DALE SIL 50%	B	0.37	21"	2.0% I	I	I
Dr 2	REINACH SIL 50%	B	0.37	80"	2.0% L	I	I
Ea 1	ELANDCO SICL 100%	B	0.37	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	16"	2.0% I	I	I
Fb 1	FARNUM L 100%	B	0.28	16"	2.0% I	I	I
Fc 1	FARNUM L 100%	B	0.28	16"	2.0% I	I	I
Fd 1	FARNUM L 100%	B	0.28	16"	2.0% I	I	I
GRP 1	GRAVEL PITS 100%		0.00	0"	0.0% ?	?	?
INT 1	AQUOLLS VAR 100%	C	0.00	60"	0.0% ?	H	?
IRR 1	IRWIN SICL 85%	D	0.37	13"	2.8% V	H	H
Ka 1	KIRKLAND SIL 100%	D	0.49	10"	2.0% V	H	H
Kb 1	KIRKLAND SIL 100%	D	0.49	10"	2.0% V	H	H
Kc 1	KIRKLAND SICL 100%	D	0.43	10"	2.0% V	H	H

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Lo 1	LESHO CL 100%	C	0.28	18"	2.0% H (w)	H	H
Ls 1	LINCOLN LFS 100%	A	0.17	11"	0.5% H	L	L
M-W 1	MISCELLANEOUS WATER 100%		0.00	0"	0.0% ?	?	?
Ma 1	MILAN L 100%	B	0.28	10"	2.0% I	I	I
Mb 1	MILAN L 100%	B	0.28	10"	2.0% I	I	I
Mc 1	MILAN L 100%	B	0.28	10"	2.0% I	I	I
Md 1	MILAN L 100%	B	0.28	10"	2.0% I	I	I
On 1	OWENS CL 100%	D	0.32	5"	1.3% V	H	H
Oo 1	OWENS CL 100%	D	0.32	5"	1.3% V	H	H
Op 1	OWENS CL 65%	D	0.32	5"	1.3% V	H	H (s)
Op 2	ELANDCO SIL 35%	B	0.43	40"	2.0% L	I	I
Or 1	OWENS CL 65%	D	0.32	5"	1.3% V	H	H
Or 2	RENFROW CL 35%	D	0.43	9"	2.0% V	H	H
Os 1	OWENS CL 65%	D	0.32	5"	1.3% V	H	H (s)
Os 2	SHALE OUTCROP 35%		0.00	0"	0.0% ?	?	?
Pa 1	POND CREEK SIL 100%	B	0.37	12"	2.0% I	I	I
Pb 1	POND CREEK SIL 100%	B	0.37	12"	2.0% I	I	I
Pc 1	POND CREEK SIL 100%	B	0.37	12"	2.0% I	I	I
Pd 1	POND CREEK SICL 100%	B	0.32	12"	2.0% I	I	I
Px 1	PRATT LFS 100%	A	0.17	12"	0.8% H	L	L
Ra 1	RENFROW CL 70%	D	0.43	9"	2.0% V	H	H
Ra 2	GRAINOLA SIL 30%	D	0.43	8"	0.8% V	H	H
Ro 1	ROSEHILL CL 100%	D	0.32	9"	2.0% V	H	H
Rs 1	ROSEHILL CL 100%	D	0.32	9"	2.0% V	H	H
Rx 1	ROSEHILL CL 100%	D	0.32	9"	2.0% V	H	H
Sa 1	SHELLABARGER SL 100%	B	0.20	13"	1.5% I	I	I
Sb 1	SHELLABARGER SL 100%	B	0.20	13"	1.5% I	I	I
Sc 1	SHELLABARGER SL 100%	B	0.20	13"	1.5% I	I	I
Ta 1	TABLER SICL 100%	D	0.43	10"	2.0% V	H	H
Tv 1	TIVOLI FS 100%	A	0.17	7"	0.5% H	L	I (s)

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Us 1	USTIFLUVENTS	100%		0.00	0"	0.0% ?	?	?
Va 1	VANOSS SIL	100%	B	0.37	11"	2.0% I	I	I
Vb 1	VANOSS SIL	100%	B	0.37	11"	2.0% I	I	I
Vc 1	VANOSS SIL	100%	B	0.37	11"	2.0% I	I	I
W 1	WATER (< 40 ACRES)	100%		0.00	0"	0.0% ?	?	?
Wa 1	WAURIKA SIL	100%	D	0.49	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