

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

Soils Data Table: SOIL_KS Sort Order: MUSYM

Harper County, Kansas: KS077

MUSYM/SEQ#	COMPONENT/TEXTURE/MU%	HYD	KFACT	SURFACE DEPTH	% OM	SPISP II Ratings		
						Leaching (SLP)	Solution Runoff (SSRP)	Adsorbed Runoff (SARP)
007AE 1	ALBION SL 55%	B	0.20	8"	1.5%	H	I	I
007AE 2	SHELLABARGER SL 45%	B	0.20	14"	1.5%	I	I	I
007AS 1	CLAIREMONT SIL 100%	B	0.43	8"	1.0%	H	I	I
007FU 1	FARNUM CL 100%	B	0.28	9"	2.0%	I	I	I
007KA 1	KANZA LFS 100%	D	0.17	7"	2.0%	H (w)	H	H
095AD 1	ALBION SL 100%	B	0.20	8"	1.5%	H	I	I
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
095LA 1	LINCOLN LFS 100%	A	0.17	10"	0.5%	H	L	L
095NB 1	NASHVILLE SIL 60%	B	0.32	28"	3.0%	L	I	I
095NB 2	QUINLAN L 40%	C	0.37	13"	0.5%	L	H	H
095SA 1	SHELLABARGER LS 100%	B	0.20	12"	1.5%	I	I	I
095SC 1	SHELLABARGER SL 100%	B	0.20	10"	1.5%	H	I	I
095SD 1	SHELLABARGER SL 100%	B	0.20	10"	1.5%	H	I	I
095ZA 1	ZENDA CL 100%	C	0.28	13"	2.0%	H (w)	H	H
191CS 1	CRISFIELD SL 100%	B	0.20	16"	1.5%	I	I	I
191EA 1	ELANDCO SICL 100%	B	0.37	40"	2.0%	L	I	I
191EC 1	ELANDCO SIL 100%	B	0.43	40"	2.0%	L	I	I
191LS 1	LINCOLN LFS 100%	A	0.17	11"	0.5%	H	L	L
191OP 1	OWENS CL 65%	D	0.32	5"	1.3%	V	H	H (s)
191OP 2	ELANDCO SIL 35%	B	0.43	40"	2.0%	L	I	I
191PD 1	POND CREEK SICL 100%	B	0.32	12"	2.0%	I	I	I
191RA 1	RENFROW CL 70%	D	0.43	9"	2.0%	V	H	H
191RA 2	GRAINOLA SIL 30%	D	0.43	8"	0.8%	V	H	H
191TA 1	TABLER SICL 100%	D	0.43	10"	2.0%	V	H	H
191US 1	USTIFLUVENTS 100%		0.00	0"	0.0%	?	?	?
An 1	KASKI L 100%	B	0.28	26"	2.0%	L	I	I
At 1	ATTICA FSL 100%	B	0.24	10"	0.8%	H	I	I

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Be 1	BETHANY SIL 100%	C	0.43	13"	2.0% L	H	H
Bh 1	BETHANY SIL 100%	C	0.43	13"	2.0% L	H	H
Bm 1	LINCOLN LFS 100%	A	0.17	21"	0.5% H	L	L
Bo 1	GERLANE LFS 100%	A	0.17	4"	0.5% H	L	L
Bp 1	WOODWARD SIL 65%	B	0.37	24"	1.3% I	I	H (s)
Bp 2	PORT SIL 35%	B	0.37	27"	2.0% L	I	I
Br 1	BROKEN ALLUVIAL LAND SIL 100%	B	0.37	6"	1.3% H	I	H (s)
Ca 1	CARWILE FSL 100%	D	0.24	14"	2.0% H (w)	H	H
Cc 1	CASE CL 70%	B	0.32	7"	1.3% I	I	I
Cc 2	CLARK L 30%	B	0.28	8"	1.5% I	I	I
Ce 1	CORBIN SIL 100%	B	0.32	16"	2.0% I	I	I
Cf 1	CORBIN SIL 100%	B	0.32	16"	2.0% I	I	I
Ch 1	CRISFIELD FSL 100%	B	0.20	18"	1.5% I	I	I
CHR 1	CHIKASKIA RIVER S 100%	D	0.00	6"	0.1% H (w)	H	L
Fa 1	FARNUM CL 100%	B	0.28	7"	2.0% I	I	I
Fm 1	FARNUM L 100%	B	0.28	11"	2.0% I	I	I
Fn 1	FARNUM L 100%	B	0.28	11"	2.0% I	I	I
Fu 1	FARNUM L 100%	B	0.28	11"	2.0% I	I	I
Ge 1	GERLANE FSL 100%	B	0.20	17"	2.0% H (w)	I	I
Gn 1	GRANT SIL 100%	B	0.37	11"	2.0% I	I	I
Gr 1	GRANT SIL 100%	B	0.37	11"	2.0% I	I	I
GRP 1	GRAVEL PITS 100%		0.00	0"	0.0% ?	?	?
Gs 1	GRANT SIL 100%	B	0.37	11"	2.0% I	I	I
INT 1	AQUOLLS VAR 100%	C	0.00	60"	0.0% ?	H	?
Ka 1	KANZA LFS 100%	D	0.17	8"	2.0% H (w)	H	H
Kk 1	KASKI L 100%	B	0.28	19"	2.0% I	I	I
Km 1	KIRKLAND SIL 100%	D	0.49	12"	2.0% V	H	H
Kr 1	KIRKLAND CL 70%	D	0.43	12"	2.0% V	H	H
Kr 2	RENFROW CL 30%	D	0.43	9"	2.0% V	H	H
Kw 1	KIRKLAND CL 70%	D	0.43	6"	2.0% V	H	H

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Kw 2	RENFROW CL 30%	D	0.43	6"	2.0% V	H	H
Mc 1	MINCO SIL 100%	B	0.37	42"	2.0% L	I	I
Mn 1	MINCO SIL 100%	B	0.37	42"	2.0% L	I	I
Mo 1	MINCO SIL 100%	B	0.37	42"	2.0% L	I	I
Na 1	NASHVILLE SIL 100%	B	0.32	12"	3.0% I	I	I
Ne 1	NASHVILLE SIL 100%	B	0.32	12"	3.0% I	I	I
Nh 1	NASHVILLE SIL 100%	B	0.32	12"	3.0% I	I	I
Nn 1	NASHVILLE SIL 100%	B	0.32	7"	3.0% I	I	I
No 1	NORGE L 100%	B	0.28	10"	2.0% I	I	I
Pc 1	POND CREEK SIL 100%	B	0.37	13"	2.0% I	I	I
Pd 1	POND CREEK SIL 100%	B	0.37	13"	2.0% I	I	I
Pe 1	POND CREEK SIL 100%	B	0.37	13"	2.0% I	I	I
Pg 1	POND CREEK SIL 100%	B	0.37	8"	2.0% I	I	I
Ph 1	PORT SIL 100%	B	0.37	22"	2.0% I	I	I
Pk 1	PORT SIL 100%	B	0.32	22"	2.0% I	I	I
Pm 1	PRATT LFS 100%	A	0.17	12"	0.8% H	L	L
Pn 1	PRATT LFS 100%	A	0.17	12"	0.8% H	L	L
Po 1	PRATT LFS 65%	A	0.17	12"	0.8% H (w)	L	L
Po 2	CARWILE FSL 35%	D	0.24	14"	2.0% H (w)	H	H
Pt 1	PRATT LFS 50%	A	0.17	12"	0.8% H	L	L
Pt 2	TIVOLI LFS 50%	A	0.17	5"	0.5% H	L	L
Qa 1	QUINLAN L 100%	C	0.37	9"	0.5% L	H	H
Qn 1	QUINLAN L 100%	C	0.37	9"	0.5% L	H	H
Qu 1	QUINLAN L 100%	C	0.37	9"	0.5% L	H	H
Rc 1	RENFROW CL 65%	D	0.43	9"	2.0% V	H	H
Rc 2	VERNON CL 35%	D	0.37	7"	1.3% V	H	H
Re 1	RUELLA L 100%	B	0.32	9"	1.5% I	I	I
Rh 1	RUELLA L 100%	B	0.32	9"	1.5% I	I	I
Ru 1	RUELLA L 100%	B	0.32	9"	1.5% I	I	I
Sa 1	SALINE ALLUVIAL LAND CL 100%	C	0.28	18"	1.5% H (w)	H	H

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Sb 1	SHELLABARGER FSL 100%	B	0.20	13"	1.5% I	I	I
Se 1	SHELLABARGER FSL 100%	B	0.20	13"	1.5% I	I	I
Sf 1	SHELLABARGER FSL 100%	B	0.20	13"	1.5% I	I	I
Sg 1	SHELLABARGER FSL 100%	B	0.20	13"	1.5% I	I	I
Sh 1	SHELLABARGER FSL 100%	B	0.24	13"	2.0% I	I	I
SHH 1	SHELLABARGER SL 100%	B	0.20	10"	1.5% H	I	I
Sk 1	SHELLABARGER FSL 100%	B	0.24	13"	2.0% I	I	I
Sm 1	SHELLABARGER FSL 100%	B	0.24	7"	2.0% H	I	I
Sn 1	SHELLABARGER LFS 100%	B	0.20	13"	1.5% I	I	I
So 1	SHELLABARGER FSL 70%	B	0.20	13"	1.5% I	I	I
So 2	ALBION SL 30%	B	0.20	6"	1.5% H	I	I
Sp 1	DRUMMOND L 100%	D	0.49	8"	0.8% H (w)	H	H
Ta 1	TABLER CL 100%	D	0.43	10"	2.0% V	H	H
Th 1	TIVOLI FS 100%	A	0.17	5"	0.5% H	L	L
Vr 1	VERNON CL 60%	D	0.37	7"	1.3% V	H	H
Vr 2	RENFROW CL 40%	D	0.43	7"	2.0% V	H	H
W 1	WATER 100%		0.00	0"	0.0% ?	?	?
Wa 1	WT ALLUVIAL LAND CL 100%	D	0.32	10"	3.0% H (w)	H	H
Wd 1	QUINLAN L 50%	C	0.37	9"	0.5% L	H	H
Wd 2	WOODWARD L 50%	B	0.37	24"	1.3% I	I	I
We 1	QUINLAN L 50%	C	0.37	9"	0.5% L	H	H
We 2	WOODWARD L 50%	B	0.37	24"	1.3% I	I	I
Ww 1	QUINLAN L 50%	C	0.37	9"	0.5% L	H	H
Ww 2	WOODWARD L 50%	B	0.37	24"	1.3% I	I	I
Za 1	CANADIAN FSL 100%	B	0.20	21"	2.0% I	I	I
Zf 1	ZENDA FSL 100%	C	0.28	15"	1.5% 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