

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

Soils Data Table: SOIL\_KS Sort Order: MUSYM

Barber County, Kansas: KS007

							SPISP II Ratings		
							Leaching	Solution	Adsorbed
MUSYM/SEQ#	COMPONENT/TEXTURE/MU%	HYD	KFACT	SURFACE DEPTH	% OM	(SLP)	Runoff (SSRP)	Runoff (SARP)	
033CP 1	CLAIREMONT L 100%	B	0.43	15"	1.0%	I	I	I	
033OA 1	OBARO SICL 100%	B	0.43	35"	0.5%	I	I	I	
033OB 1	OBARO SICL 75%	B	0.43	35"	0.5%	I	I	I	
033OB 2	ROCK OUTCROP 25%	D	0.00	0"	0.0%	V	H	I (s)	
033QR 1	QUINLAN L 55%	C	0.37	14"	0.5%	L	H	H	
033QR 2	WOODWARD L 45%	B	0.37	30"	1.3%	I	I	I	
033QT 1	QUINLAN L 55%	C	0.37	14"	0.5%	L	H	H (s)	
033QT 2	WOODWARD L 45%	B	0.37	30"	1.3%	I	I	H (s)	
033YE 1	YAHOLA FSL 100%	B	0.20	12"	0.8%	H	I	I	
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	
077CH 1	CRISFIELD FSL 100%	B	0.20	18"	1.5%	I	I	I	
077FU 1	FARNUM L 100%	B	0.28	11"	2.0%	I	I	I	
077GE 1	GERLANE FSL 100%	B	0.20	17"	2.0%	H (w)	I	I	
077MC 1	MINCO SIL 100%	B	0.37	42"	2.0%	L	I	I	
077MN 1	MINCO SIL 100%	B	0.37	42"	2.0%	L	I	I	
077MO 1	MINCO SIL 100%	B	0.37	42"	2.0%	L	I	I	
077QU 1	QUINLAN L 100%	C	0.37	9"	0.5%	L	H	H	
077SE 1	SHELLABARGER FSL 100%	B	0.20	13"	1.5%	I	I	I	
077WE 1	QUINLAN L 50%	C	0.37	9"	0.5%	L	H	H	
077WE 2	WOODWARD L 50%	B	0.37	24"	1.3%	I	I	I	
095AC 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	
095FA 1	FARNUM SL 100%	B	0.20	16"	1.5%	I	I	I	
095SB 1	SHELLABARGER SL 100%	B	0.20	10"	1.5%	H	I	I	
095WA 1	WALDECK FSL 100%	C	0.20	12"	1.5%	H (w)	H	I	
097LN 1	LINCOLN SL 100%	A	0.20	8"	0.5%	H	L	L	

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097QW 1	QUINLAN L 55%	C	0.37	15"	0.5% L	H	H (s)
097QW 2	WOODWARD L 45%	B	0.37	27"	1.3% I	I	H (s)
097WA 1	WALDECK L 100%	C	0.28	14"	2.0% H (w)	H	H
151AB 1	ALBION SL 100%	B	0.20	8"	1.5% H	I	I
151AO 1	ALBION SL 100%	B	0.20	8"	1.5% H	I	I
151AS 1	ALBION SL 50%	B	0.20	8"	1.5% H	I	I
151AS 2	SHELLABARGER FSL 50%	B	0.20	11"	1.5% I	I	I
151BC 1	BLANKET SICL 100%	C	0.37	13"	2.0% L	H	H
151CA 1	CARWILE FSL 100%	D	0.24	12"	2.0% H (w)	H	H
151CK 1	CASE CL 60%	B	0.32	6"	1.3% H	I	I
151CK 2	CLARK CL 40%	B	0.28	8"	1.5% I	I	I
151CM 1	CLARK CL 100%	B	0.28	8"	1.5% I	I	I
151CN 1	CLARK FSL 100%	B	0.20	8"	1.5% H	I	I
151CO 1	CLARK CL 70%	B	0.28	8"	1.5% I	I	I
151CO 2	OST CL 30%	B	0.32	9"	2.0% I	I	I
151FA 1	FARNUM CL 100%	B	0.28	7"	2.0% I	I	I
151KP 1	KANZA LFS 50%	D	0.17	11"	2.0% H (w)	H	H
151KP 2	PLEVNA FSL 50%	D	0.20	10"	2.5% H (w)	H	H
151OS 1	OST CL 100%	B	0.32	9"	2.0% I	I	I
151PM 1	PRATT LFS 100%	A	0.17	10"	0.8% H	L	L
151PN 1	PRATT LFS 100%	A	0.17	10"	0.8% H	L	L
151PO 1	PRATT LFS 60%	A	0.17	10"	0.8% H	L	L
151PO 2	CARWILE FSL 40%	D	0.24	12"	2.0% H (w)	H	H
151SA 1	ALBION FSL 70%	B	0.20	8"	1.5% H	I	I
151SA 2	KASKI L 30%	B	0.28	26"	2.0% L	I	I
151SE 1	SHELLABARGER FSL 100%	B	0.20	11"	1.5% I	I	I
Ad 1	ALBION SL 60%	B	0.20	8"	1.5% H	I	I
Ad 2	SHELLABARGER SL 40%	B	0.20	14"	1.5% I	I	I
Ae 1	ALBION SL 55%	B	0.20	8"	1.5% H	I	I
Ae 2	SHELLABARGER SL 45%	B	0.20	14"	1.5% I	I	I

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AED 1	ARENTS, EARTHEN DAM 100%		0.00	0"	0.0% ?	?	?
AN 1	ALBION SL 65%	B	0.20	8"	1.5% H	I	I
AN 2	SHELLABARGER SL 35%	B	0.20	11"	1.5% I	I	I
As 1	CLAIREMONT SIL 100%	B	0.43	8"	1.0% H	I	I
At 1	ATTICA LFS 100%	B	0.17	12"	0.8% H	I	I
Ba 1	BLANKET SIL 100%	C	0.37	9"	2.0% L	H	H
Bb 1	BLANKET SIL 100%	C	0.37	9"	2.0% L	H	H
Bc 1	BLANKET SICL 100%	C	0.37	9"	2.0% L	H	H
Bf 1	QUINLAN L 60%	C	0.37	14"	0.5% L	H	H (s)
Bf 2	CLAIREMONT SIL 40%	B	0.43	14"	1.0% I	I	I
Ca 1	CANADIAN FSL 100%	B	0.20	18"	2.0% I	I	I
Cc 1	CASE CL 50%	B	0.32	6"	1.3% H	I	I
Cc 2	CLARK CL 50%	B	0.28	10"	1.5% I	I	I
Cd 1	CLAIREMONT SIL 100%	B	0.43	14"	1.0% I	I	I
Cf 1	CLAIREMONT SIL 100%	B	0.43	14"	1.0% I	I	I
Ck 1	CLARK CL 100%	B	0.28	10"	1.5% I	I	I
Fa 1	FARNUM FSL 100%	B	0.20	9"	1.5% H	I	I
Fm 1	FARNUM L 100%	B	0.28	9"	2.0% I	I	I
Fr 1	FARNUM L 100%	B	0.28	9"	2.0% I	I	I
Fu 1	FARNUM CL 100%	B	0.28	9"	2.0% I	I	I
Ga 1	GRANT SIL 100%	B	0.37	13"	2.0% I	I	I
Gb 1	GRANT SIL 100%	B	0.37	13"	2.0% I	I	I
Gc 1	GRANT SIL 100%	B	0.37	13"	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	?
Ka 1	KANZA LFS 100%	D	0.17	7"	2.0% H (w)	H	H
Kf 1	KINGFISHER SIL 100%	B	0.37	9"	2.0% I	I	I
Kv 1	KINGFISHER SIL 70%	B	0.37	9"	2.0% I	I	I
Kv 2	VERNON CL 30%	D	0.37	5"	0.8% V	H	H
Kz 1	KINGFISHER SIL 60%	B	0.37	9"	2.0% I	I	I

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Kz 2	VERNON CL 40%	D	0.37	5"	0.8% V	H	H
Ln 1	LINCOLN FSL 100%	A	0.20	6"	0.5% H	L	L
LNN 1	LINCOLN LS 100%	A	0.17	10"	0.5% H	L	L
Ma 1	MANGUM C 100%	D	0.32	10"	1.5% V	H	H
Mg 1	MANGUM C 65%	D	0.32	10"	1.5% V	H	H
Mg 2	DRUMMOND SICL 35%	D	0.43	8"	0.8% H (w)	H	H
Mn 1	MINCO SIL 100%	B	0.37	27"	2.0% L	I	I
Na 1	NARON FSL 100%	B	0.20	12"	2.0% I	I	I
Nb 1	NARON FSL 100%	B	0.20	12"	2.0% I	I	I
Os 1	OST CL 100%	B	0.32	8"	2.0% I	I	I
Ot 1	OST CL 100%	B	0.32	8"	2.0% I	I	I
Pa 1	POND CREEK SIL 100%	B	0.37	11"	2.0% I	I	I
Pd 1	POND CREEK SIL 100%	B	0.37	11"	2.0% I	I	I
Ph 1	PORT SIL 100%	B	0.37	20"	2.0% I	I	I
Pk 1	BUTTERMILK SIL 100%	B	0.32	20"	2.0% I	I	I
PR 1	PRATT LFS 100%	A	0.17	12"	0.8% H	L	L
Ps 1	PRATT LFS 100%	A	0.17	7"	0.8% H	L	L
Pt 1	PRATT LFS 70%	A	0.17	7"	0.8% H	L	L
Pt 2	TIVOLI LFS 30%	A	0.17	5"	0.5% H	L	L
Qn 1	QUINLAN L 100%	C	0.37	14"	0.5% L	H	H
Qw 1	QUINLAN L 60%	C	0.37	14"	0.5% L	H	H
Qw 2	WOODWARD L 40%	B	0.37	40"	1.3% L	I	I
Rb 1	KNOCO C 70%	D	0.37	9"	1.0% V	H	H (s)
Rb 2	ROCK OUTCROP UWB 30%	D	0.00	10"	0.0% V	H	I (s)
Sb 1	SHELLABARGER SL 100%	B	0.20	14"	1.5% I	I	I
SBB 1	SHELLABARGER FSL 100%	B	0.20	11"	1.5% I	I	I
Sc 1	SHELLABARGER SL 100%	B	0.20	14"	1.5% I	I	I
Tv 1	TIVOLI FS 100%	A	0.17	5"	0.5% H	L	I (s)
Vn 1	VERNON CL 100%	D	0.37	5"	0.8% V	H	H
Vr 1	VERNON CL 100%	D	0.37	5"	0.8% V	H	H

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Vs 1	KNOCO C 50%	D	0.37	9"	1.0% V	H	H
Vs 2	VERNON CL 50%	D	0.37	5"	0.8% V	H	H
W 1	WATER 100%		0.00	0"	0.0% ?	?	?
Wa 1	WALDECK SL 100%	C	0.20	12"	1.5% H (w)	H	I
Wo 1	WOODWARD L 70%	B	0.37	40"	1.3% L	I	I
Wo 2	QUINLAN L 30%	C	0.37	14"	0.5% L	H	H
Ws 1	WOODWARD L 65%	B	0.37	40"	1.3% L	I	I
Ws 2	QUINLAN L 35%	C	0.37	14"	0.5% L	H	H
Ya 1	YAHOLA SL 100%	B	0.20	14"	0.8% H	I	I
Ze 1	ZENDA CL 100%	C	0.28	20"	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