

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

Soils Data Table: SOIL\_KS Sort Order: MUSYM

Riley County, Kansas: KS161

							SPISP II Ratings		
							Leaching	Solution	Adsorbed
MUSYM/SEQ#	COMPONENT/TEXTURE/MU%	HYD	KFACT	SURFACE DEPTH	% OM	(SLP)	Runoff (SSRP)	Runoff (SARP)	
027CS 1	CRETE SIL 100%	C	0.37	6"	3.0%	L	H	H	
027CX 1	CRETE SICL 100%	C	0.37	6"	3.0%	L	H	H	
027HN 1	HOBBS SIL 90%	B	0.32	7"	3.0%	I	I	I	
027KS 1	KIPSON SICL 79%	D	0.32	8"	2.0%	V	H	H (s)	
027KS 2	SOGN SICL 20%	D	0.32	12"	0.8%	V	H	H (s)	
061BE 1	BENFIELD SICL 60%	C	0.37	5"	4.0%	L	H	H (s)	
061BE 2	FLORENCE GR-SIL 40%	C	0.24	5"	6.0%	L	H	H	
061CF 1	CLIME SICL 60%	C	0.32	12"	3.0%	L	H	H (s)	
061CF 2	SOGN SICL 20%	D	0.32	9"	2.0%	V	H	H (s)	
061CR 1	CRETE SICL 90%	C	0.37	6"	3.0%	L	H	H	
061CS 1	CRETE SICL 90%	C	0.37	6"	3.0%	L	H	H	
061EU 1	EUDORA SIL 85%	B	0.32	7"	2.0%	I	I	I	
061HE 1	HAYNIE SIL 57%	B	0.32	10"	2.0%	I	I	I	
061KA 1	KAHOLA SIL 75%	B	0.32	24"	3.0%	L	I	I	
061KB 1	KAHOLA SIL 75%	B	0.32	24"	3.0%	L	I	I	
061RE 1	READING SICL 80%	B	0.32	8"	3.0%	I	I	I	
061TO 1	TULLY SICL 80%	C	0.37	12"	4.5%	L	H	H	
117PA 1	PAWNEE CL 85%	D	0.37	13"	3.0%	H (w)	H	H	
117PB 1	PAWNEE CL 90%	D	0.37	13"	3.0%	H (w)	H	H	
149HS 1	HAYNIE VFSL 70%	B	0.37	9"	1.3%	I	I	I	
149HS 2	SARPY FS 30%	A	0.15	6"	0.6%	H	L	L	
149PS 1	PAXICO SIL 100%	B	0.37	42"	2.0%	H (w)	I	I	
149SF 1	SARPY S 100%	A	0.15	6"	0.6%	H	L	L	
197CM 1	CLIME SICL 85%	C	0.32	5"	3.0%	L	H	H	
197FL 1	FLORENCE GR-SIL 40%	C	0.24	14"	6.0%	L	H	H	
197FL 2	LABETTE SIL 30%	C	0.32	7"	3.0%	L	H	H	
197IB 1	IRWIN SICL 80%	D	0.32	12"	3.0%	V	H	H	
197ID 1	IRWIN SICL 85%	D	0.37	6"	3.0%	V	H	H	

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197IV 1	IVAN SIL 90%	B	0.32	36"	3.0% L	I	I
197IX 1	IVAN SICL 80%	B	0.32	40"	3.0% L	I	I
197PN 1	PAWNEE CL 85%	D	0.37	14"	3.0% H (w)	H	H
197WE 1	WAMEGO SICL 90%	C	0.32	9"	3.0% L	H	H
201CS 1	CRETE SICL 100%	C	0.37	9"	3.0% L	H	H
201CX 1	CRETE SICL 90%	C	0.37	5"	3.0% L	H	H
201KS 1	KIPSON SICL 85%	D	0.32	12"	2.0% V	H	H (s)
201LC 1	LANCASTER L 100%	B	0.28	9"	2.5% I	I	I
Ad 1	ALLUVIAL LAND SIL 100%	B	0.32	7"	3.0% I	I	I
AED 1	ARENTS, EARTHEN DAM 100%		0.00	0"	0.0% ?	?	?
BE 1	BENFIELD SICL 100%	C	0.37	10"	2.5% L	H	H
Bf 1	BENFIELD SICL 65%	C	0.37	6"	2.5% L	H	H (s)
Bf 2	FLORENCE GR-SIL 35%	C	0.24	5"	3.0% L	H	H
Bk 1	BREAKS SICL 60%	D	0.37	13"	3.0% H (w)	H	H (s)
Bk 2	ALLUVIAL LAND SIL 40%	B	0.32	18"	5.5% L	I	I
BOP 1	BORROW PITS 100%		0.00	0"	0.0% ?	?	?
Ca 1	CARR FSL 60%	B	0.24	17"	0.5% H	I	I
Ca 2	SARPY LFS 40%	A	0.17	5"	0.5% H	L	L
Ch 1	CHASE SICL 100%	C	0.37	13"	3.0% H (w)	H	H
Cs 1	CLIME SICL 65%	C	0.32	12"	3.0% L	H	H (s)
Cs 2	SOGN SICL 35%	D	0.32	9"	2.0% V	H	H
CT 1	CRETE SICL 100%	C	0.37	8"	3.0% L	H	H
Dr 1	DWIGHT SIL 55%	D	0.43	4"	3.0% V	H	H
Dr 2	IRWIN SICL 45%	D	0.37	11"	3.0% V	H	H
Dw 1	DWIGHT SIL 55%	D	0.43	4"	3.0% V	H	H
Dw 2	IRWIN SICL 45%	D	0.37	11"	3.0% V	H	H
Em 1	ELMONT SIL 100%	B	0.32	10"	3.0% I	I	I
En 1	ELMONT SIL 65%	B	0.32	10"	3.0% I	I	I
En 2	CLIME SICL 35%	C	0.32	12"	3.0% L	H	H
Eu 1	EUDORA SIL 90%	B	0.32	12"	1.5% I	I	I

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Ga 1	GEARY SIL 100%	B	0.32	8"	2.5% I	I	I
Ge 1	GEARY SIL 100%	B	0.32	8"	2.5% I	I	I
Ha 1	HAYNIE VFSL 100%	B	0.37	10"	2.0% I	I	I
HO 1	HOBBS SIL 85%	B	0.32	7"	3.0% I	I	I
Ic 1	IRWIN SICL 100%	D	0.37	11"	3.0% V	H	H
Id 1	IRWIN SICL 100%	D	0.37	11"	3.0% V	H	H
Ie 1	IVAN SICL 100%	B	0.32	7"	3.0% I	I	I
Iv 1	IVAN SIL 50%	B	0.32	7"	3.0% I	I	I
Iv 2	KENNEBEC SIL 50%	B	0.32	18"	5.5% L	I	I
Ka 1	KAHOLA SIL 100%	B	0.32	13"	3.0% I	I	I
Ke 1	KENESAW SIL 100%	B	0.32	12"	2.0% I	I	I
Kf 1	KENESAW SIL 100%	B	0.32	12"	2.0% I	I	I
KN 1	KENNEBEC SIL 97%	B	0.28	48"	4.0% L	I	I
M-W 1	MISCELLANEOUS WATER 100%		0.00	0"	0.0% ?	?	?
Ma 1	MAYBERRY CL 85%	D	0.37	10"	2.0% H (w)	H	H
Mb 1	MAYBERRY CL 85%	D	0.37	10"	2.0% H (w)	H	H
Mu 1	MUIR SIL 80%	B	0.32	4"	3.0% I	I	I
QUA 1	QUARRIES 100%		0.00	0"	0.0% ?	?	?
Rd 1	READING SIL 100%	B	0.32	11"	3.0% I	I	I
Re 1	READING SIL 100%	B	0.32	11"	3.0% I	I	I
Sa 1	SARPY LFS 100%	A	0.17	5"	0.5% H	L	L
Sm 1	SMOLAN SIL 100%	C	0.37	8"	3.0% L	H	H
Sn 1	SMOLAN SIL 100%	C	0.37	8"	3.0% L	H	H
So 1	SMOLAN SICL 100%	C	0.37	7"	3.0% L	H	H
St 1	STONY STEEP LAND ST-SICL 100%	C	0.28	2"	3.0% L	H	H (s)
Su 1	SUTPHEN SIC 100%	D	0.28	8"	3.0% V	H	H
Ts 1	TULLY SICL 80%	C	0.37	7"	4.5% L	H	H
Tt 1	TULLY SICL 100%	C	0.37	7"	2.5% L	H	H
Tu 1	TULLY SICL 99%	C	0.37	10"	3.0% L	H	H

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Tv 1	TULLY SICL 100%	C	0.37	7"	3.0% L	H	H
W 1	WATER 100%		0.00	0"	0.0% ?	?	?
Wm 1	WYMORE SICL 100%	D	0.37	13"	3.0% H (w)	H	H
Wn 1	WYMORE SICL 100%	D	0.37	13"	3.0% H (w)	H	H
Wo 1	WYMORE SICL 100%	D	0.37	7"	3.0% H (w)	H	H
Wr 1	WYMORE SICL 100%	D	0.37	13"	3.0% H (w)	H	H
Ws 1	WYMORE SICL 100%	D	0.37	7"	3.0% 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