

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

Soils Data Table: SOIL\_KS Sort Order: MUSYM

Geary County, Kansas: KS061

MUSYM/SEQ#	COMPONENT/TEXTURE/MU%	HYD	KFACT	SURFACE DEPTH	% OM	SPISP II Ratings		
						Leaching (SLP)	Solution Runoff (SSRP)	Adsorbed Runoff (SARP)
Be 1	BENFIELD SICL 42%	C	0.37	5"	4.0%	L	H	H (s)
Be 2	FLORENCE GR-SIL 28%	C	0.15	5"	6.0%	L	H	I
Cc 1	CLIME SICL 75%	C	0.24	2"	3.0%	I	H	H (s)
Cf 1	CLIME SICL 60%	C	0.24	12"	3.0%	L	H	H (s)
Cf 2	SOGN SICL 20%	D	0.24	9"	2.0%	V	H	H (s)
Cr 1	CRETE SICL 90%	C	0.37	6"	3.0%	L	H	H
Cs 1	CRETE SICL 90%	C	0.37	6"	3.0%	L	H	H
Ct 1	CRETE SICL 90%	C	0.37	6"	3.0%	L	H	H
Eu 1	EUDORA SIL 85%	B	0.32	7"	2.0%	I	I	I
Ge 1	GEARY SIL 85%	B	0.32	8"	2.5%	I	I	I
Gf 1	GEARY SIL 85%	B	0.32	6"	2.5%	I	I	I
He 1	HAYNIE SIL 55%	B	0.32	10"	2.0%	I	I	I
Hf 1	HOBBS SIL 89%	B	0.32	8"	3.0%	I	I	I
Hg 1	HOBBS SIL 89%	B	0.32	8"	3.0%	I	I	I
Hm 1	HOLDER SIL 95%	B	0.32	8"	2.5%	I	I	I
Ho 1	HOLDER SIL 75%	B	0.32	8"	2.5%	I	I	I
Id 1	IRWIN SICL 85%	D	0.37	6"	3.0%	V	H	H
Ka 1	KAHOLA SIL 75%	B	0.32	24"	3.0%	L	I	I
Kb 1	KAHOLA SIL 75%	B	0.32	24"	3.0%	L	I	I
Ko 1	KONZA SICL 85%	D	0.37	6"	4.0%	V	H	H
Lm 1	LADYSMITH SICL 90%	D	0.37	7"	3.0%	V	H	H
Lo 1	LONGFORD L 85%	C	0.28	11"	2.5%	L	H	H
M-W 1	MISCELLANEOUS WATER 100%		0.00	0"	0.0%	?	?	?
Mb 1	MCCOOK SIL 85%	B	0.32	16"	2.0%	I	I	I
Mc 1	MCCOOK SIL 85%	B	0.32	16"	2.0%	I	I	I
Mk 1	MCCOOK SIL 63%	B	0.32	12"	2.0%	I	I	I
Mk 2	SMOKYHILL SIL 25%	C	0.32	6"	3.0%	L	H	H

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Mu 1	MUIR SIL 94%	B	0.32	4"	3.0% I	I	I
Oc 1	ORTHENTS 100%	D	0.00	0"	0.0% V	H	L
Or 1	ORTHENTS, EARTHEN DAM 100%		0.00	0"	0.0% ?	?	?
Pt 1	Pits, quarries VAR 100%		0.00	60"	0.0% ?	?	?
Ra 1	READING SIL 85%	B	0.32	8"	3.0% I	I	I
Re 1	READING SICL 85%	B	0.32	8"	3.0% I	I	I
Sa 1	SARPY LFS 90%	A	0.17	9"	0.8% H	L	L
Sc 1	SARPY GR-LCOS 90%	A	0.17	4"	0.8% H	L	L
Sh 1	SOLOMON SIC 85%	D	0.28	8"	3.0% V	H	H
St 1	SUTPHEN SIC 80%	D	0.28	6"	3.0% V	H	H
Tn 1	TULLY SICL 85%	C	0.37	12"	4.5% L	H	H
To 1	TULLY SICL 85%	C	0.37	12"	4.5% L	H	H
Vc 1	VALENTINE LFS 85%	A	0.17	5"	0.8% H	L	L
W 1	WATER 100%		0.00	0"	0.0% ?	?	?
We 1	WELLS L 50%	B	0.28	12"	2.5% I	I	I
We 2	ORTELLO SL 30%	B	0.20	6"	1.5% H	I	I
Wf 1	WELLS L 50%	B	0.28	12"	2.5% I	I	I
Wf 2	ORTELLO SL 30%	B	0.20	6"	1.5% H	I	I

(.\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