

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

Soils Data Table: SOIL\_KS Sort Order: MUSYM

Dickinson County, Kansas: KS041

MUSYM/SEQ#	COMPONENT/TEXTURE/MU%	HYD	KFACT	SURFACE DEPTH	% OM	SPISP II Ratings		
						Leaching (SLP)	Solution Runoff (SSRP)	Adsorbed Runoff (SARP)
027KS 1	KIPSON SICL 80%	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)
027LH 1	LANCASTER L 55%	B	0.28	9"	2.5%	I	I	I
027LH 2	HEDVILLE CB-L 28%	D	0.28	14"	2.5%	V	H	H (s)
061CF 1	CLIME SICL 60%	C	0.24	12"	3.0%	L	H	H (s)
061CF 2	SOGN SICL 20%	D	0.24	9"	2.0%	V	H	H (s)
061HE 1	HAYNIE SIL 55%	B	0.32	10"	2.0%	I	I	I
061KO 1	KONZA SICL 85%	D	0.37	6"	4.0%	V	H	H
061MK 1	MCCOOK SIL 63%	B	0.32	12"	2.0%	I	I	I
061MK 2	SMOKYHILL SIL 25%	C	0.32	6"	3.0%	L	H	H
061TN 1	TULLY SICL 85%	C	0.37	12"	4.5%	L	H	H
061TO 1	TULLY SICL 85%	C	0.37	12"	4.5%	L	H	H
061WE 1	WELLS L 50%	B	0.28	12"	2.5%	I	I	I
061WE 2	ORTELO SL 30%	B	0.20	6"	1.5%	H	I	I
115CM 1	CLIME SICL 90%	C	0.37	10"	3.0%	L	H	H
115CS 1	CLIME SICL 65%	C	0.37	7"	3.0%	L	H	H (s)
115CS 2	SOGN SICL 20%	D	0.32	8"	2.0%	V	H	H
115LM 1	LADYSMITH SICL 90%	D	0.37	7"	3.0%	V	H	H
115LV 1	LANCASTER L 60%	B	0.28	7"	2.5%	I	I	I
115LV 2	HEDVILLE ST-L 25%	D	0.20	10"	2.5%	V	H	H (s)
127TS 1	TULLY SICL 90%	C	0.37	17"	3.0%	L	H	H
169CR 1	CRETE SIL 100%	C	0.37	7"	3.0%	L	H	H
169CS 1	CRETE SIL 100%	C	0.37	15"	3.0%	L	H	H
169DE 1	DETROIT SICL 100%	C	0.37	16"	3.0%	L	H	H
169KC 1	KIPSON SIL 60%	D	0.32	7"	2.0%	V	H	H (s)
169KC 2	CLIME SICL 40%	C	0.32	8"	3.0%	L	H	H (s)
169OT 1	ORTELO FSL 100%	B	0.20	14"	1.5%	I	I	I
169TO 1	TOBIN SIL 100%	B	0.32	20"	2.5%	L	I	I

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AED 1	ARENTS, EARTHEN DAM 100%	0.00	0"	0.0% ?	?	?
Ca 1	CARWILE L 90%	D 0.37	7"	2.0% V	H	H
Cb 1	CLIME SICL 85%	C 0.24	10"	3.0% L	H	H
Cc 1	CLIME SICL 85%	C 0.24	10"	3.0% L	H	H
Cd 1	CLIME SICL 70%	C 0.24	10"	3.0% L	H	H (s)
Cd 2	SOGN SIL 20%	D 0.24	14"	2.0% V	H	H
Ce 1	CRETE SICL 95%	C 0.37	8"	3.0% L	H	H
Cf 1	CRETE SICL 85%	C 0.37	8"	3.0% L	H	H
Cg 1	CRETE SICL 85%	C 0.37	8"	3.0% L	H	H
Da 1	DETROIT SIL 85%	C 0.37	8"	3.0% L	H	H
Ea 1	ELSMERE FSL 85%	A 0.20	6"	2.0% H (w)	L	L
Fa 1	FLUVAQUENTS SIL 90%	D 0.28	20"	2.0% H (w)	H	H
Ga 1	GEARY SIL 90%	B 0.32	8"	2.5% I	I	I
Ha 1	HOBBS SIL 93%	B 0.32	8"	3.0% I	I	I
Hb 1	HOBBS SIL 98%	B 0.32	8"	3.0% I	I	I
Ia 1	IRWIN SICL 90%	D 0.37	9"	3.0% V	H	H
Ib 1	IRWIN SICL 75%	D 0.37	9"	3.0% V	H	H
La 1	LANCASTER L 60%	B 0.24	11"	2.5% I	I	I
La 2	HEDVILLE L 20%	D 0.24	13"	2.5% V	H	H
M-W 1	MISCELLANEOUS WATER 100%	0.00	0"	0.0% ?	?	?
Ma 1	MCCOOK SIL 89%	B 0.32	10"	2.0% I	I	I
Mb 1	MUIR SIL 85%	B 0.32	4"	3.0% I	I	I
Oa 1	ORTELLO FSL 50%	B 0.20	8"	1.5% H	I	I
Oa 2	WELLS FSL 35%	B 0.20	8"	1.5% H	I	I
Qa 1	QUARRIES 100%	0.00	0"	0.0% ?	?	?
Sb 1	SOLOMON SIC 85%	D 0.28	10"	3.0% V	H	H
Sc 1	SUTPHEN SICL 89%	D 0.28	6"	3.0% V	H	H
Sd 1	SUTPHEN SIC 88%	D 0.28	7"	3.0% V	H	H
Va 1	VALENTINE LFS 85%	A 0.17	7"	0.8% H	L	L

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Vb 1	VALENTINE LFS 85%	A	0.17	7"	0.8% H	L	L
W 1	WATER 100%		0.00	0"	0.0% ?	?	?
Wa 1	WELLS L 89%	B	0.28	12"	2.5% I	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