

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

Soils Data Table: SOIL_KS Sort Order: MUSYM

Republic County, Kansas: KS157

MUSYM/SEQ#	COMPONENT/TEXTURE/MU%	HYD	KFACT	SURFACE DEPTH	% OM	SPISP II Ratings		
						Leaching (SLP)	Solution Runoff (SSRP)	Adsorbed Runoff (SARP)
029AA 1	ALLUVIAL LAND SIL 100%	B	0.32	20"	3.0%	L	I	I
029AR 1	ARMO SIL 100%	B	0.28	10"	2.0%	I	I	I
029BA 1	BREAKS SIL 59%	B	0.32	14"	2.5%	I	I	H (s)
029BA 2	ALLUVIAL LAND SIL 40%	B	0.32	20"	3.0%	L	I	I
029CT 1	CRETE SIL 100%	C	0.37	8"	3.0%	L	H	H
029GE 1	GEARY SIL 100%	B	0.32	12"	2.5%	I	I	I
029GS 1	GEARY SICL 100%	B	0.37	6"	1.3%	H	I	I
029LH 1	LANCASTER L 65%	B	0.28	9"	2.5%	I	I	I
029LH 2	HEDVILLE CB-L 33%	D	0.24	14"	2.5%	V	H	H (s)
029LN 1	LONGFORD SIL 85%	C	0.32	11"	2.5%	L	H	H
029SA 1	SARPY LS 100%	A	0.17	10"	0.5%	H	L	L
029TO 1	TOBIN SIL 100%	B	0.32	20"	2.5%	L	I	I
089AR 1	ARMO L 100%	B	0.28	16"	2.0%	I	I	I
089BA 1	BOGUE C 75%	D	0.28	8"	0.8%	V	H	H
089BA 2	ARMO L 25%	B	0.28	10"	2.0%	I	I	I
089BB 1	BOGUE C 80%	D	0.28	8"	0.8%	V	H	H (s)
089GN 1	GIBBON SICL 100%	B	0.32	19"	3.0%	H (w)	I	I
089HB 1	HARNEY SIL 100%	B	0.37	12"	3.0%	I	I	I
089HC 1	HARNEY SIL 100%	B	0.37	14"	3.0%	I	I	I
089HF 1	HARNEY SICL 100%	B	0.32	6"	3.0%	I	I	I
089HS 1	HOLDREGE SICL 55%	B	0.37	6"	1.3%	H	I	I
089HS 2	GEARY SICL 45%	B	0.37	6"	1.3%	H	I	I
089HU 1	HORD SIL 100%	B	0.32	18"	3.0%	L	I	I
089MC 1	MCCOOK SIL 100%	B	0.32	16"	3.0%	L	I	I
089NC 1	NEW CAMBRIA SIC 100%	C	0.28	12"	3.0%	L	H	H
089ND 1	NIBSON SIL 100%	D	0.32	10"	2.0%	V	H	H (s)
089NR 1	NUCKOLLS SIL 80%	B	0.32	14"	2.5%	I	I	H (s)
089NR 2	ROXBURY SIL 20%	B	0.32	24"	3.0%	L	I	I

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

Soils Data Table: SOIL_KS Sort Order: MUSYM

Republic County, Kansas: KS157

089RB 1	ROXBURY SIL 100%	B	0.32	24"	3.0% L	I	I
089RC 1	ROXBURY SIL 100%	B	0.32	24"	3.0% L	I	I
201CS 1	CRETE SICL 100%	C	0.37	9"	3.0% L	H	H
201KP 1	KIPSON SICL 100%	D	0.32	12"	2.0% V	H	H (s)
201LC 1	LANCASTER L 100%	B	0.28	9"	2.5% I	I	I
201TY 1	TULLY SICL 85%	C	0.37	15"	3.0% L	H	H
201WE 1	WELLS L 100%	B	0.28	10"	2.5% I	I	I
Bk 1	GEARY SIL 65%	B	0.32	12"	2.5% I	I	H (s)
Bk 2	HOBBS SIL 34%	B	0.32	7"	3.0% I	I	I
BOP 1	BORROW PITS 100%		0.00	0"	0.0% ?	?	?
Bu 1	BUTLER SIL 100%	D	0.37	9"	3.0% H (w)	H	H
Ca 1	CARR FSL 100%	B	0.24	7"	0.5% H	I	I
Ce 1	CRETE SIL 100%	C	0.37	7"	3.0% L	H	H
Cf 1	CRETE SIL 100%	C	0.37	11"	3.0% L	H	H
Ch 1	CRETE SICL 100%	C	0.37	8"	3.0% L	H	H
Cr 1	CRETE SICL 100%	C	0.37	7"	3.0% L	H	H
Dt 1	DETROIT SICL 100%	C	0.37	16"	3.0% L	H	H
Ed 1	EUDORA L 100%	B	0.32	18"	2.5% L	I	I
Eu 1	EUDORA L 100%	B	0.32	18"	2.5% L	I	I
Gc 1	GEARY SIL 75%	B	0.32	12"	2.5% I	I	I
Gr 1	GEARY SICL 75%	B	0.32	7"	2.5% I	I	I
Gr 2	CRETE SICL 25%	C	0.37	7"	3.0% L	H	H
Ha 1	HASTINGS SIL 100%	B	0.37	14"	3.0% I	I	I
Hb 1	HASTINGS SIL 100%	B	0.37	14"	3.0% I	I	I
Hc 1	HASTINGS SIL 100%	B	0.37	12"	3.0% I	I	I
Hd 1	HASTINGS SICL 100%	B	0.32	10"	3.0% I	I	I
He 1	CRETE SICL 50%	C	0.37	7"	3.0% L	H	H
He 2	HASTINGS SICL 50%	B	0.32	9"	3.0% I	I	I
Hf 1	HASTINGS SIL 75%	B	0.32	6"	3.0% I	I	I
Ho 1	HASTINGS SIL 70%	B	0.32	10"	3.0% I	I	I

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

Soils Data Table: SOIL_KS Sort Order: MUSYM

Republic County, Kansas: KS157

Hp 1	HASTINGS SICL 75%	B	0.32	10"	3.0% I	I	I
Hs 1	HOBBS SIL 100%	B	0.32	7"	3.0% I	I	I
Ht 1	HUMBARGER CL 100%	B	0.28	7"	2.0% I	I	I
Hu 1	HUMBARGER L 100%	B	0.28	7"	2.0% I	I	I
Ke 1	KENESAW SIL 100%	B	0.32	13"	2.0% I	I	I
Kn 1	KENESAW SIL 100%	B	0.32	6"	2.0% I	I	I
Kp 1	KIPSON SIL 100%	D	0.32	10"	2.0% V	H	H (s)
La 1	LANCASTER L 100%	B	0.28	10"	2.5% I	I	I
Lc 1	LANCASTER L 100%	B	0.28	8"	2.5% I	I	I
Lh 1	LANCASTER L 60%	B	0.28	9"	2.5% I	I	I
Lh 2	HEDVILLE L 40%	D	0.32	14"	2.5% V	H	H (s)
LOO 1	LONGFORD SICL 100%	C	0.32	6"	1.5% L	H	H
Mr 1	MUIR SIL 100%	B	0.32	26"	3.0% L	I	I
Mu 1	MUIR SIL 100%	B	0.32	10"	3.0% I	I	I
Ro 1	ROUGH BROKEN LAND SIL 100%	B	0.43	4"	1.5% H	I	H (s)
Sa 1	SARPY LFS 100%	A	0.17	7"	0.5% H	L	L
SAN 1	SAND AND GRAVEL PITS 100%		0.00	0"	0.0% ?	?	?
Sd 1	SARPY LFS 98%	A	0.17	7"	0.5% H	L	L
Tu 1	TULLY SICL 100%	C	0.37	20"	3.0% L	H	H
Ty 1	TULLY SICL 100%	C	0.37	20"	3.0% L	H	H
W 1	WATER (REPUBLICAN) 100%		0.00	0"	0.0% ?	?	?
Wa 1	WET ALLUVIAL LAND SICL 100%	C	0.32	12"	1.3% 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