

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

Soils Data Table: SOIL_KS Sort Order: MUSYM

Cloud County, Kansas: KS029

						SPISP II Ratings		
MUSYM/SEQ#	COMPONENT/TEXTURE/MU%	HYD	KFACT	SURFACE DEPTH	% OM	Leaching	Solution	Adsorbed
						(SLP)	Runoff (SSRP)	Runoff (SARP)
027EU 1	EUDORA L 100%	B	0.32	10"	2.5%	I	I	I
027HE 1	HAYNIE SIL 65%	B	0.37	6"	2.0%	I	I	I
027HE 2	SARPY LFS 33%	A	0.17	6"	0.5%	H	L	L
027HN 1	HOBBS SIL 90%	B	0.32	7"	3.0%	I	I	I
089ND 1	NIBSON SIL 100%	D	0.32	10"	2.0%	V	H	H (s)
123AC 1	ARMO L 100%	B	0.28	10"	2.0%	I	I	I
123HE 1	HARNEY SICL 80%	B	0.32	10"	3.0%	I	I	I
123HE 2	MENTO SICL 20%	C	0.37	5"	2.0%	L	H	H
123LA 1	LANCASTER L 70%	B	0.28	8"	2.5%	I	I	I
123LA 2	ARMO L 30%	B	0.28	10"	2.0%	I	I	I
123NA 1	NEW CAMBRIA SIC 100%	C	0.28	12"	3.0%	L	H	H
123NC 1	NIBSON SIL 100%	D	0.32	8"	2.0%	V	H	H (s)
123RC 1	ROXBURY SIL 100%	B	0.32	22"	3.0%	L	I	I
123WA 1	WAKEEN SIL 100%	B	0.32	10"	2.0%	I	I	I
143EE 1	EDALGO L 60%	C	0.32	10"	3.0%	L	H	H
143EE 2	HEDVILLE ST-L 40%	D	0.24	16"	2.5%	V	H	H (s)
143GE 1	GEARY SIL 100%	B	0.32	7"	2.5%	I	I	I
143HE 1	HEDVILLE ST-L 70%	D	0.24	16"	2.5%	V	H	H (s)
143HE 2	ROCK OUTCROP 30%	D	0.00	0"	0.0%	V	H	I (s)
143HP 1	HOBBS SIL 55%	B	0.32	8"	3.0%	I	I	I
143HP 2	GEARY SIL 45%	B	0.32	10"	2.5%	I	I	I
143LA 1	LANCASTER L 100%	B	0.28	9"	2.5%	I	I	I
157BK 1	GEARY SIL 65%	B	0.32	12"	2.5%	I	I	H (s)
157BK 2	HOBBS SIL 34%	B	0.32	7"	3.0%	I	I	I
157ED 1	EUDORA L 100%	B	0.32	18"	2.5%	L	I	I
157HP 1	HASTINGS SICL 75%	B	0.32	10"	3.0%	I	I	I
157KN 1	KENESAW SIL 100%	B	0.32	6"	2.0%	I	I	I
157SD 1	SARPY LFS 98%	A	0.17	7"	0.5%	H	L	L

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201CS 1	CRETE SICL 100%	C	0.37	9"	3.0% L	H	H
Aa 1	HOBBS SIL 83%	B	0.32	9"	2.5% I	I	I
Ah 1	Saltine SICL 98%	C	0.32	7"	1.3% H (w)	H	H
AMM 1	ARMO L 100%	B	0.28	16"	2.0% I	I	I
Ar 1	ARMO SIL 65%	B	0.32	10"	2.0% I	I	I
Ba 1	HASTINGS SIL 58%	B	0.32	8"	3.0% I	I	H (s)
Ba 2	HOBBS SIL 40%	B	0.32	9"	2.5% I	I	I
Br 1	BRIDGEPORT SIL 98%	B	0.32	8"	2.5% I	I	I
Ca 1	COZAD SIL 60%	B	0.32	8"	2.0% I	I	I
Ca 2	CASS FSL 25%	B	0.20	7"	2.0% H	I	I
Cb 1	Cass, High FSL 100%	B	0.20	7"	2.0% H	I	I
Cf 1	MUNJOR SL 50%	B	0.24	6"	1.8% H	I	I
Cf 2	INAVALE LFS 49%	A	0.17	7"	1.5% H	L	L
CGG 1	CASS FSL 100%	B	0.20	7"	1.5% H	I	I
CLP 1	CLAY PITS 100%		0.00	0"	0.0% ?	?	?
Cr 1	CRETE SIL 100%	C	0.37	7"	3.0% L	H	H
Cs 1	CRETE SIL 80%	C	0.37	8"	3.0% L	H	H
Ct 1	CRETE SIL 75%	C	0.37	8"	3.0% L	H	H
Cu 1	CRETE SICL 78%	C	0.37	8"	1.8% L	H	H
CWW 1	CRETE SICL 100%	C	0.37	8"	3.0% L	H	H
De 1	DETROIT SICL 83%	C	0.37	6"	3.0% L	H	H
Eu 1	EUDORA SIL 100%	B	0.32	10"	2.0% I	I	I
Ge 1	GEARY SIL 65%	B	0.32	9"	2.5% I	I	I
GRP 1	GRAVEL PITS 100%		0.00	0"	0.0% ?	?	?
Gs 1	GEARY SICL 65%	B	0.32	6"	1.3% H	I	I
Hb 1	HASTINGS SIL 80%	B	0.32	7"	3.0% I	I	I
HBB 1	HARNEY SIL 100%	B	0.37	12"	3.0% I	I	I
Hc 1	HASTINGS SIL 80%	B	0.32	8"	3.0% I	I	I
Hd 1	HASTINGS SICL 85%	B	0.32	8"	2.0% I	I	I
He 1	HEDVILLE CB-L 65%	D	0.24	16"	1.8% V	H	H (s)

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Ho 1	HOBBS SIL 73%	B	0.32	9"	2.5% I	I	I
Hr 1	HORD SIL 79%	B	0.32	8"	3.0% I	I	I
Hu 1	HUMBARGER L 60%	B	0.28	10"	2.0% I	I	I
Kp 1	KIPSON GR-SIL 65%	D	0.24	10"	2.0% V	H	H (s)
Lh 1	LANCASTER L 55%	B	0.28	9"	2.5% I	I	I
Lh 2	HEDVILLE CB-L 28%	D	0.28	14"	2.5% V	H	H (s)
Lm 1	LONGFORD SIL 65%	C	0.32	8"	2.3% L	H	H
Ln 1	LONGFORD SIL 65%	C	0.32	8"	2.3% L	H	H
Lo 1	LONGFORD SICL 65%	C	0.32	8"	1.8% L	H	H
M-W 1	MISCELLANEOUS WATER 100%		0.00	0"	0.0% ?	?	?
Mc 1	MCCOOK SIL 98%	B	0.32	6"	2.0% I	I	I
Mr 1	MUIR SIL 84%	B	0.32	8"	3.0% I	I	I
Nc 1	NEW CAMBRIA SICL 83%	C	0.37	6"	3.0% L	H	H
Nu 1	NUCKOLLS SIL 85%	B	0.32	10"	3.0% I	I	I
Nx 1	NUCKOLLS SIL 85%	B	0.32	7"	2.0% I	I	I
QUA 1	QUARRIES 100%		0.00	0"	0.0% ?	?	?
RBB 1	ROXBURY SIL 100%	B	0.32	24"	3.0% L	I	I
Rx 1	ROXBURY SIL 78%	B	0.32	8"	3.0% I	I	I
Sa 1	INAVALE LFS 80%	A	0.17	7"	1.3% H	L	L
SAA 1	SARPY LFS 85%	A	0.17	8"	0.5% H	L	L
SAP 1	SAND PITS 100%		0.00	0"	0.0% ?	?	?
Sd 1	INAVALE LFS 100%	A	0.17	7"	1.3% H	L	L
St 1	SUTPHEN SIC 80%	D	0.28	8"	3.0% V	H	H
To 1	TOBIN SIL 78%	B	0.32	24"	2.5% L	I	I
W 1	WATER 100%		0.00	0"	0.0% ?	?	?
Wa 1	WAKEEN SICL 70%	B	0.32	8"	2.0% 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