

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

Soils Data Table: SOIL_KS Sort Order: MUSYM

Morris County, Kansas: KS127

						SPISP II Ratings		
						Leaching	Solution	Adsorbed
MUSYM/SEQ#	COMPONENT/TEXTURE/MU%	HYD	KFACT	SURFACE DEPTH	% OM	(SLP)	Runoff (SSRP)	Runoff (SARP)
017IN 1	IRWIN SICL 95%	D	0.37	4"	3.0%	V	H	H
017IS 1	IRWIN SICL 90%	D	0.37	4"	2.8%	V	H	H
017RA 1	READING SIL 85%	B	0.32	17"	3.0%	L	I	I
017TU 1	TULLY GR-SICL 70%	C	0.28	14"	3.0%	L	H	H
041HA 1	HOBBS SIL 93%	B	0.32	8"	3.0%	I	I	I
041HB 1	HOBBS SIL 89%	B	0.32	8"	3.0%	I	I	I
061BE 1	BENFIELD SICL 42%	C	0.37	5"	4.0%	L	H	H (s)
061BE 2	FLORENCE GR-SIL 28%	C	0.15	5"	6.0%	L	H	I
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)
061ID 1	IRWIN SICL 85%	D	0.37	6"	3.0%	V	H	H
061KB 1	KAHOLA SIL 75%	B	0.32	24"	3.0%	L	I	I
061KO 1	KONZA SICL 85%	D	0.37	6"	4.0%	V	H	H
061RA 1	READING SIL 85%	B	0.32	8"	3.0%	I	I	I
061TN 1	TULLY SICL 85%	C	0.37	12"	4.5%	L	H	H
111RA 1	READING SIL 100%	B	0.32	17"	3.0%	L	I	I
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
115LA 1	LABETTE SICL 90%	C	0.37	8"	3.0%	L	H	H
197CE 1	CHASE SICL 85%	C	0.37	12"	3.0%	H (w)	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
197IX 1	IVAN SICL 80%	B	0.32	40"	3.0%	L	I	I
197RE 1	READING SICL 90%	B	0.32	13"	3.0%	I	I	I
AED 1	ARENTS, EARTHEN DAM 100%		0.00	0"	0.0%	?	?	?
Ar 1	IVAN SIL 75%	B	0.32	30"	3.0%	L	I	I
BOA 1	BORROW PITS 100%		0.00	0"	0.0%	?	?	?

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Ch 1	CHASE SICL 85%	C	0.37	14"	3.0% H (w)	H	H
Cs 1	CLIME SIC 45%	C	0.28	8"	2.5% L	H	H (s)
Cs 2	SOGN SICL 20%	D	0.32	8"	2.0% V	H	H (s)
Dh 1	DWIGHT SIL 85%	D	0.43	5"	3.0% V	H	H
Fc 1	FLORENCE GR-SIL 90%	C	0.20	4"	3.0% L	H	I
Fe 1	LABETTE SICL 23%	C	0.37	8"	3.0% L	H	H
Fe 2	FLORENCE GR-SIL 20%	C	0.20	4"	3.0% L	H	I
Ic 1	IRWIN SICL 90%	D	0.37	10"	3.0% V	H	H
Id 1	IRWIN SICL 85%	D	0.37	10"	3.0% V	H	H
Ie 1	IRWIN SICL 90%	D	0.37	10"	3.0% V	H	H
In 1	IRWIN SIC 85%	D	0.28	5"	2.5% V	H	H
Io 1	IRWIN SIC 90%	D	0.28	5"	2.5% V	H	H
Iv 1	IVAN SIL 50%	B	0.32	30"	3.0% L	I	I
Iv 2	KENNEBEC SIL 40%	B	0.32	54"	5.5% L	I	I
IVV 1	IVAN SIL 90%	B	0.32	36"	3.0% L	I	I
Ks 1	KIPSON SIL 40%	D	0.32	8"	2.0% V	H	H
Ks 2	SOGN SICL 20%	D	0.32	8"	2.0% V	H	H
Lb 1	LABETTE SICL 90%	C	0.37	8"	3.0% L	H	H
Ld 1	LABETTE SICL 55%	C	0.37	8"	3.0% L	H	H
Ld 2	DWIGHT SIL 40%	D	0.43	5"	3.0% V	H	H
Le 1	LABETTE SICL 70%	C	0.37	8"	3.0% L	H	H
Le 2	SOGN SICL 19%	D	0.32	8"	2.0% V	H	H
Ls 1	LADYSMITH SICL 90%	D	0.37	8"	3.0% V	H	H
Lt 1	LADYSMITH SICL 90%	D	0.37	4"	3.0% V	H	H
M-W 1	MISCELLANEOUS WATER 100%		0.00	0"	0.0% ?	?	?
Mr 1	MASON SIL 60%	B	0.37	14"	2.0% I	I	I
Mr 2	READING SIL 35%	B	0.32	15"	3.0% L	I	I
Os 1	OSAGE SIC 100%	D	0.28	20"	2.5% H (w)	H	H
QUA 1	QUARRIES 100%		0.00	0"	0.0% ?	?	?
Rd 1	READING SIL 90%	B	0.32	15"	3.0% L	I	I

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Sm 1	SMOLAN SIL 90%	C	0.37	7"	3.0% L	H	H
Sn 1	SMOLAN SICL 90%	C	0.37	7"	3.0% L	H	H
Ts 1	TULLY SICL 90%	C	0.37	17"	3.0% L	H	H
Tt 1	TULLY SICL 90%	C	0.37	7"	3.0% L	H	H
Ty 1	TULLY GR-SICL 90%	C	0.28	17"	3.0% L	H	H
W 1	WATER 100%		0.00	0"	0.0% ?	?	?

(.\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