

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

Soils Data Table: SOIL_KS Sort Order: MUSYM

Coffey County, Kansas: KS031

							SPISP II Ratings		
							Leaching	Solution	Adsorbed
MUSYM/SEQ#	COMPONENT/TEXTURE/MU%	HYD	KFACT	SURFACE DEPTH	% OM	(SLP)	Runoff (SSRP)	Runoff (SARP)	
003CC 1	CLARESON FL-SICL 60%	C	0.24	7"	2.5%	L	H	H	
003CC 2	ROCK OUTCROP 20%		0.00	0"	0.0%	?	?	?	
003EK 1	ERAM SICL 60%	C	0.37	15"	2.0%	H (w)	H	H	
003EK 2	CLARESON FL-SICL 20%	C	0.24	7"	2.5%	L	H	H	
003WF 1	WOODSON SIL 85%	D	0.43	10"	2.5%	H (w)	H	H	
059CM 1	CLARESON SICL 55%	C	0.32	7"	3.3%	L	H	H	
059CM 2	ERAM SICL 30%	C	0.37	7"	2.0%	H (w)	H	H	
111CA 1	CHASE SICL 100%	C	0.37	17"	3.0%	H (w)	H	H	
111EC 1	ELMONT SICL 100%	B	0.32	6"	3.0%	I	I	I	
111KC 1	KENOMA SIL 100%	D	0.43	10"	3.0%	H (w)	H	H	
111LA 1	LABETTE SICL 100%	C	0.37	8"	3.0%	L	H	H	
111LB 1	LABETTE SICL 100%	C	0.37	8"	3.0%	L	H	H	
111OA 1	OLPE GR-SIL 70%	C	0.24	15"	1.5%	L	H	H	
111OA 2	KENOMA SIL 30%	D	0.43	10"	3.0%	H (w)	H	H	
139CM 1	CLARESON SICL 55%	C	0.32	8"	3.3%	L	H	H	
139CM 2	ERAM SICL 30%	C	0.37	9"	2.0%	H (w)	H	H	
139DN 1	DENNIS SIL 90%	C	0.43	9"	3.0%	H (w)	H	H	
139LU 1	LULA SIL 85%	C	0.37	8"	2.0%	L	H	H	
Ae 1	APPERSON SICL 50%	C	0.37	9"	2.0%	H (w)	H	H	
Ae 2	ERAM SICL 30%	C	0.37	16"	2.0%	H (w)	H	H	
AED 1	ARENTS, EARTHEN DAM 100%		0.00	0"	0.0%	?	?	?	
Bb 1	BATES L 85%	B	0.28	11"	2.5%	I	I	I	
Bc 1	BATES L 95%	B	0.32	17"	2.0%	I	I	I	
Cs 1	CLARESON SICL 50%	C	0.32	12"	2.5%	L	H	H	
Cs 2	SHIDLER SICL 30%	D	0.32	12"	3.0%	V	H	H	
Db 1	DENNIS SIL 85%	C	0.43	11"	2.0%	H (w)	H	H	
De 1	DENNIS SICL 85%	C	0.37	6"	1.0%	H (w)	H	H	

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Eb 1	ERAM SIL 85%	C	0.43	10"	2.0% H (w)	H	H
-----	-----	-----	-----	-----	-----	-----	-----
Ec 1	ERAM SIL 90%	C	0.43	9"	2.0% H (w)	H	H
-----	-----	-----	-----	-----	-----	-----	-----
Eh 1	ERAM SICL 95%	C	0.37	6"	2.0% H (w)	H	H
-----	-----	-----	-----	-----	-----	-----	-----
EN 1	ERAM SICL 85%	C	0.37	9"	2.5% H (w)	H	H
-----	-----	-----	-----	-----	-----	-----	-----
Ep 1	ERAM SICL 50%	C	0.37	8"	2.0% H (w)	H	H
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Ep 2	APPERSON SICL 35%	C	0.37	9"	2.0% H (w)	H	H
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Er 1	ERAM SIL 65%	C	0.43	10"	2.0% H (w)	H	H
-----	-----	-----	-----	-----	-----	-----	-----
Er 2	COLLINSVILLE L 20%	D	0.32	14"	2.0% V	H	H
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Es 1	ERAM SICL 60%	C	0.37	8"	2.0% H (w)	H	H
-----	-----	-----	-----	-----	-----	-----	-----
Es 2	SHIDLER SICL 25%	D	0.32	12"	3.0% V	H	H
-----	-----	-----	-----	-----	-----	-----	-----
INT 1	AQUOLLS VAR 100%	C	0.00	72"	0.0% ?	H	?
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Kb 1	KENOMA SIL 90%	D	0.43	8"	3.0% H (w)	H	H
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Ke 1	KENOMA SICL 85%	D	0.37	5"	2.0% V	H	H
-----	-----	-----	-----	-----	-----	-----	-----
Ko 1	KENOMA SIL 45%	D	0.43	11"	3.0% V	H	H
-----	-----	-----	-----	-----	-----	-----	-----
Ko 2	OLPE GR-SIL 35%	C	0.24	10"	1.5% L	H	H
-----	-----	-----	-----	-----	-----	-----	-----
La 1	LANTON SICL 85%	C	0.37	8"	3.0% H (w)	H	H
-----	-----	-----	-----	-----	-----	-----	-----
Le 1	LEANNA SIL 90%	D	0.32	16"	2.5% H (w)	H	H
-----	-----	-----	-----	-----	-----	-----	-----
Lu 1	LULA SIL 90%	B	0.37	9"	2.0% I	I	I
-----	-----	-----	-----	-----	-----	-----	-----
M-W 1	MISCELLANEOUS WATER 100%		0.00	0"	0.0% ?	?	?
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Ma 1	MASON SIL 90%	B	0.37	6"	2.0% I	I	I
-----	-----	-----	-----	-----	-----	-----	-----
Ob 1	OLPE GR-SIL 85%	C	0.24	10"	1.5% L	H	H
-----	-----	-----	-----	-----	-----	-----	-----
Oc 1	ORTHENTS SIC 100%	D	0.32	10"	0.5% V	H	H
-----	-----	-----	-----	-----	-----	-----	-----
Oh 1	ORTHENTS GR-SICL 100%	C	0.32	6"	1.3% L	H	H (s)
-----	-----	-----	-----	-----	-----	-----	-----
Os 1	OSAGE SICL 85%	D	0.37	12"	2.5% H (w)	H	H
-----	-----	-----	-----	-----	-----	-----	-----
Ot 1	OSAGE SIC 90%	D	0.28	17"	2.5% H (w)	H	H
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Pt 1	Pits, quarries VAR 100%		0.00	60"	0.0% ?	?	?
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Sa 1	SUMMIT SICL 85%	C	0.37	9"	2.5% H (w)	H	H
-----	-----	-----	-----	-----	-----	-----	-----
Sc 1	SUMMIT SICL 85%	C	0.37	9"	3.0% H (w)	H	H
-----	-----	-----	-----	-----	-----	-----	-----
Sd 1	SUMMIT SICL 50%	C	0.37	9"	3.0% H (w)	H	H
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Sd 2	DWIGHT SIL 20%	D	0.43	4"	3.0% V	H	H
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Vb 1	VERDIGRIS SIL 90%	B	0.32	14"	3.0% I	I	I
Vc 1	VERDIGRIS SIL 88%	B	0.32	7"	3.0% I	I	I
W 1	WATER 100%		0.00	0"	0.0% ?	?	?
Wo 1	WOODSON SIL 90%	D	0.43	8"	2.5% 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