

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

Soils Data Table: SOIL_KS Sort Order: MUSYM

Jefferson County, Kansas: KS087

							SPISP II Ratings		
							Leaching	Solution	Adsorbed
MUSYM/SEQ#	COMPONENT/TEXTURE/MU%	HYD	KFACT	SURFACE DEPTH	% OM	(SLP)	Runoff (SSRP)	Runoff (SARP)	
005SH 1	SHELBY CL 100%	B	0.28	12"	3.0%	I	I	I	
005SM 1	SHELBY CL 100%	B	0.32	12"	2.5%	I	I	I	
005VS 1	VINLAND SICL 85%	D	0.32	8"	3.0%	V	H	H	
013WN 1	WYMORE SICL 82%	D	0.37	10"	3.0%	H (w)	H	H	
013WN 2	KENNEBEC SIL 3%	B	0.28	8"	5.5%	I	I	I	
045VM 1	VINLAND SICL 40%	D	0.32	7"	3.0%	V	H	H	
045VM 2	MARTIN SICL 25%	C	0.37	9"	3.0%	H (w)	H	H	
085MC 1	MARTIN SICL 48%	C	0.37	11"	3.0%	H (w)	H	H	
085MC 2	VINLAND SICL 40%	D	0.32	11"	3.0%	V	H	H	
085WB 1	WYMORE SICL 91%	D	0.37	10"	3.0%	H (w)	H	H	
177SM 1	SHELBY CL 88%	B	0.28	17"	3.0%	L	I	I	
601GT 1	GRUNDY SICL 85%	C	0.37	11"	3.0%	H (w)	H	H	
601SH 1	SHELBY L 85%	B	0.28	7"	3.0%	I	I	I	
601SM 1	SHELBY L 85%	B	0.28	7"	3.0%	I	I	I	
AED 1	ARENTS, EARTHEN DAM 100%		0.00	0"	0.0%	?	?	?	
Be 1	BISMARCKGROVE SICL 60%	B	0.32	7"	3.0%	I	I	I	
Be 2	KIMO SICL 20%	C	0.37	7"	3.0%	H (w)	H	H	
Bp 1	BELVUE SIL 75%	B	0.32	6"	2.0%	I	I	I	
Bx 1	BOURBONAIS sil 60%	C	0.37	7"	1.5%	H (w)	H	H	
Bx 2	BISMARCKGROVE SICL 20%	B	0.32	7"	3.0%	I	I	I	
By 1	BOURBONAIS sil 45%	C	0.32	7"	1.5%	H (w)	H	H	
By 2	BISMARCKGROVE SICL 30%	B	0.32	7"	3.0%	I	I	I	
Eb 1	EUDORA SIL 55%	B	0.32	6"	1.5%	H	I	I	
Eb 2	BISMARCKGROVE SICL 25%	B	0.32	7"	3.0%	I	I	I	
Ec 1	EUDORA FSL 65%	B	0.32	6"	0.8%	H	I	I	
Ec 2	BISMARCKGROVE FSL 20%	B	0.32	7"	0.8%	H	I	I	
Ed 1	EUDORA SIL 90%	B	0.32	6"	1.5%	H	I	I	

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Eg 1	EUDORA SIL 85%	B	0.32	6"	1.5% H	I	I
Fu 1	Fluvaquents 95%	B	0.00	0"	0.0% ?	I	?
Gb 1	GRUNDY SICL 85%	C	0.37	15"	3.0% H (w)	H	H
Gc 1	GRUNDY SICL 85%	C	0.37	15"	3.0% H (w)	H	H
GRP 1	PITS GR-S 100%	A	0.10	60"	0.3% H	L	I (s)
Gy 1	GYMER SIL 85%	C	0.32	17"	3.0% L	H	H
Hc 1	HAIG SICL 85%	C	0.37	9"	3.5% H (w)	H	H
Hc 1	HAIG SICL 85%	D	0.37	9"	3.5% H (w)	H	H
Kb 1	KENNEBEC SIL 85%	B	0.28	42"	4.0% L	I	I
Kc 1	KENNEBEC SIL 85%	B	0.28	42"	4.0% L	I	I
KF 1	KENNEBEC SIL 98%	B	0.28	47"	5.5% L	I	I
Ki 1	KIMO SICL 85%	C	0.37	7"	3.0% H (w)	H	H
Km 1	KIMO SICL 90%	C	0.37	7"	3.0% H (w)	H	H
Kv 1	KONAWA FSL 35%	B	0.24	13"	0.8% H	I	I
M-W 1	MISCELLANEOUS WATER 100%		0.00	0"	0.0% ?	?	?
Mb 1	MARTIN SICL 90%	C	0.37	9"	3.0% H (w)	H	H
Mc 1	MARTIN SICL 85%	C	0.37	12"	3.0% H (w)	H	H
Mh 1	MARTIN SICL 85%	C	0.37	12"	3.0% H (w)	H	H
Mo 1	MARTIN SICL 40%	C	0.37	12"	3.0% H (w)	H	H
Mo 2	OSKA SICL 30%	C	0.37	11"	2.5% L	H	H
Mo 3	MARTIN-like SICL 25%	C	0.37	12"	3.0% H (w)	H	H
MR 1	MORRILL CL 90%	B	0.28	10"	3.0% I	I	I
Mu 1	MUSCOTAH SICL 85%	D	0.37	6"	3.0% H (w)	H	H
Mv 1	MORRILL L 90%	B	0.32	14"	3.0% I	I	I
Oc 1	OSKA SICL 85%	C	0.37	11"	2.5% L	H	H
Pb 1	PAWNEE CL 90%	D	0.37	14"	3.0% H (w)	H	H
Pc 1	PAWNEE CL 85%	D	0.37	14"	3.0% H (w)	H	H
PE 1	PAWNEE CL 90%	D	0.37	14"	3.0% H (w)	H	H
Ph 1	PAWNEE C 85%	D	0.37	7"	2.5% H (w)	H	H
Pt 1	Pits, quarries VAR 100%		0.00	60"	0.0% ?	?	?

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QUA 1	QUARRIES 100%		0.00	0"	0.0% ?	?	?
Re 1	READING SIL 85%	B	0.32	8"	3.0% I	I	I
Rs 1	ROSSVILLE SIL 85%	B	0.28	7"	2.5% I	I	I
Sa 1	STONEHOUSE LFS 40%	A	0.17	8"	0.7% H	L	L
Sa 2	EUDORA SIL 25%	B	0.32	6"	1.5% H (w)	I	I
Sc 1	SHELBY L 60%	B	0.28	12"	3.0% I	I	I
Sc 2	PAWNEE CL 30%	D	0.37	14"	3.0% H (w)	H	H
So 1	SHELBY L 65%	B	0.28	12"	3.0% I	I	I
So 2	PAWNEE CL 25%	D	0.37	14"	3.0% H (w)	H	H
Ss 1	SIBLEYVILLE L 60%	B	0.28	10"	2.5% I	I	I
Ss 2	SIBLEYVILLE-like L 22%	B	0.32	7"	2.5% I	I	I
Sv 1	SIBLEYVILLE L 50%	B	0.32	10"	2.5% I	I	I
Sw 1	SOGN SICL 55%	D	0.32	13"	2.0% V	H	H (s)
Sw 2	VINLAND SICL 30%	D	0.32	12"	3.0% V	H	H (s)
Vc 1	VINLAND SICL 50%	D	0.32	12"	3.0% V	H	H
Vc 2	VINLAND-like SICL 30%	C	0.32	9"	3.0% L	H	H
Vo 1	VINLAND SICL 55%	D	0.32	12"	3.0% V	H	H
Vo 2	VINLAND-like SICL 30%	C	0.32	9"	3.0% L	H	H
Vx 1	ROCK OUTCROP UWB 60%		0.00	5"	0.0% ?	?	?
Vx 2	VINLAND SICL 26%	D	0.32	7"	3.0% V	H	H (s)
W 1	WATER 100%		0.00	0"	0.0% ?	?	?
Wc 1	WABASH SICL 94%	D	0.37	19"	3.3% H (w)	H	H
Wh 1	WABASH SIC 85%	D	0.28	5"	3.0% 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