

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

Soils Data Table: SOIL\_KS Sort Order: MUSYM

Atchison County, Kansas: KS005

							SPISP II Ratings		
MUSYM/SEQ#	COMPONENT/TEXTURE/MU%	HYD	KFACT	SURFACE DEPTH	% OM	Leaching (SLP)	Solution Runoff (SSRP)	Adsorbed Runoff (SARP)	
Aq 1	AQUENTS 100%	C	0.00	0"	0.0%	?	H	?	
Ar 1	ARMSTER L 100%	C	0.37	6"	0.8%	L	H	H	
As 1	ARMSTER L 100%	C	0.37	6"	0.8%	L	H	H (s)	
Ch 1	CHASE SICL 100%	C	0.37	11"	3.0%	H (w)	H	H	
Go 1	GOSPORT SICL 100%	C	0.43	8"	1.5%	L	H	H (s)	
Gr 1	GRUNDY SICL 100%	C	0.37	7"	3.0%	H (w)	H	H	
Gu 1	GRUNDY SICL 100%	C	0.37	7"	3.0%	H (w)	H	H	
Gx 1	GRUNDY SIC 100%	C	0.37	6"	1.3%	H (w)	H	H	
Hn 1	HAYNIE SIL 100%	B	0.37	8"	2.0%	I	I	I	
Ho 1	HAYNIE SIL 55%	B	0.37	8"	2.0%	I	I	I	
Ho 2	ONAWA SICL 45%	D	0.32	27"	2.5%	H (w)	H	H	
Hs 1	HAYNIE SIL 55%	B	0.37	8"	2.0%	I	I	I	
Hs 2	SARPY LFS 45%	A	0.17	6"	0.5%	H	L	L	
Ju 1	JUDSON SIL 100%	B	0.28	12"	4.5%	L	I	I	
Ke 1	KENNEBEC SIL 100%	B	0.28	47"	5.5%	L	I	I	
Kf 1	KENNEBEC SIL 93%	B	0.28	7"	5.5%	I	I	I	
Kg 1	KENNEBEC SIL 55%	B	0.28	47"	5.5%	L	I	I	
Kg 2	COLO SIL 45%	B	0.28	8"	4.0%	H (w)	I	I	
Kg 2	COLO SIL 45%	D	0.28	8"	4.0%	H (w)	H	H	
Kn 1	KNOX SIL 100%	B	0.32	8"	2.0%	I	I	H (s)	
Kx 1	KNOX SICL 100%	B	0.32	8"	2.0%	I	I	H (s)	
Ky 1	KNOX SIL 65%	B	0.32	8"	2.0%	I	I	H (s)	
Ky 2	GOSPORT SICL 35%	C	0.43	8"	1.5%	L	H	H (s)	
Mc 1	MARTIN SICL 85%	C	0.37	9"	3.0%	H (w)	H	H	
On 1	ONAWA SICL 100%	D	0.32	27"	2.5%	H (w)	H	H	
Pc 1	PAWNEE CL 85%	D	0.37	14"	3.0%	H (w)	H	H	
Pd 1	PAWNEE C 94%	D	0.37	5"	2.5%	H (w)	H	H	
Pt 1	Pits, quarries VAR 100%		0.00	60"	0.0%	?	?	?	

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Re 1	READING SIL 90%	B	0.32	14"	3.0% I	I	I
Sb 1	SHARPSBURG SICL 100%	B	0.32	13"	3.5% L	I	I
Sc 1	SHARPSBURG SICL 100%	B	0.32	13"	3.5% L	I	I
Sh 1	SHELBY CL 100%	B	0.28	12"	3.0% I	I	I
Sm 1	SHELBY CL 100%	B	0.32	12"	2.5% I	I	I
Ss 1	SHELBY L 58%	B	0.28	6"	3.0% I	I	H (s)
Ss 2	STEINAUER L 32%	B	0.32	6"	1.3% H	I	H (s)
Vs 1	VINLAND SICL 85%	D	0.32	8"	3.0% V	H	H
W 1	WATER 100%		0.00	0"	0.0% ?	?	?
Wa 1	WABASH SICL 85%	D	0.37	8"	3.3% H (w)	H	H
Wb 1	WABASH SIC 100%	D	0.28	8"	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