

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

Soils Data Table: SOIL\_KS Sort Order: MUSYM

Reno County, Kansas: KS155

							SPISP II Ratings		
							Leaching	Solution	Adsorbed
MUSYM/SEQ#	COMPONENT/TEXTURE/MU%	HYD	KFACT	SURFACE DEPTH	% OM		(SLP)	Runoff (SSRP)	Runoff (SARP)
1004 1	ALBION SL 90%	B	0.20	9"	1.5%	H	I	I	I
1011 1	ALBION SL 70%	B	0.20	9"	1.5%	H	I	I	I
1011 2	SHELLABARGER SL 30%	B	0.20	7"	1.5%	H	I	I	I
1057 1	AQUENTS SICL 100%	D	0.37	3"	2.0%	H (w)	H	H	H
1061 1	ARENTS, EARTHEN DAM 100%		0.00	0"	0.0%	?	?	?	?
1062 1	ARENTS, LANDFILL 100%		0.00	0"	0.0%	?	?	?	?
1070 1	AVANS L 100%	B	0.37	5"	2.0%	I	I	I	I
1071 1	AVANS L 85%	B	0.37	5"	2.0%	I	I	I	I
1072 1	AVANS L 85%	B	0.37	5"	2.0%	I	I	I	I
1191 1	BLAZEFORK SICL 90%	D	0.37	3"	3.0%	V	H	H	H
1192 1	BLAZEFORK SICL 60%	D	0.37	3"	3.0%	V	H	H	H
1192 2	KASKAN L 40%	B	0.28	7"	3.0%	I	I	I	I
1200 1	BUHLER SICL 65%	D	0.43	3"	4.0%	V	H	H	H
1200 2	BLAZEFORK SICL 30%	D	0.37	3"	3.0%	V	H	H	H
1324 1	CARWAY FSL 50%	D	0.20	7"	0.8%	V	H	H	H
1324 2	CARBIKA SIL 30%	D	0.24	11"	1.5%	V	H	H	H
1357 1	CARWAY LFS 40%	D	0.17	7"	0.8%	V	H	H	H
1357 2	DILLHUT FS 30%	B	0.15	10"	0.5%	H (w)	I	I	I
1357 3	SOLVAY LFS 30%	D	0.17	5"	1.3%	H (w)	H	H	H
1359 1	CLARK L 70%	B	0.28	11"	1.5%	I	I	I	I
1359 2	OST L 30%	B	0.28	8"	2.0%	I	I	I	I
1428 1	CRETE SIL 100%	C	0.37	5"	3.0%	L	H	H	H
1429 1	CRETE SIL 100%	C	0.37	5"	3.0%	L	H	H	H
1553 1	DARLOW L 70%	C	0.43	5"	2.0%	L	H	H	H
1553 2	ELMER FSL 20%	C	0.32	6"	1.5%	L	H	H	H
1554 1	DILLHUT FS 70%	B	0.15	10"	0.5%	H (w)	I	I	I
1555 1	DILLHUT FS 35%	B	0.15	4"	0.5%	H	I	I	I

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1555	2	PLEV LFS 35%	B	0.17	4"	0.5% H (w)	I	I
1556	1	DILLHUT FS 30%	B	0.15	4"	0.5% H	I	I
1556	2	SOLVAY FSL 30%	D	0.20	5"	1.3% H (w)	H	H
1725	1	FARNUM L 40%	B	0.28	5"	2.0% I	I	I
1725	2	FUNMAR L 40%	C	0.28	6"	2.0% L	H	H
1727	1	FUNMAR L 55%	C	0.28	6"	2.0% L	H	H
1727	2	TAVER L 45%	D	0.28	7"	2.0% V	H	H
1804	1	GEARY SIL 100%	B	0.32	6"	2.5% I	I	I
1807	1	GEARY SICL 100%	B	0.37	5"	1.5% H	I	I
1985	1	HAYES FSL 60%	B	0.20	8"	0.8% H	I	I
1986	1	HAYES LFS 55%	B	0.17	8"	0.8% H	I	I
1986	2	SOLVAY LFS 20%	D	0.17	5"	0.8% H (w)	H	H
1987	1	HAYES LFS 40%	B	0.17	8"	0.8% H	I	I
1987	2	TURON FS 35%	A	0.15	8"	0.5% H	L	L
2204	1	JAMASH CL 50%	D	0.37	4"	2.0% V	H	H
2204	2	PIEDMONT CL 50%	D	0.37	4"	2.0% V	H	H
2205	1	JAMASH CL 60%	D	0.37	4"	2.0% V	H	H
2205	2	PIEDMONT CL 40%	D	0.37	4"	2.0% V	H	H
2206	1	JAMASH CL 60%	D	0.37	4"	2.0% V	H	H
2206	2	PIEDMONT CL 40%	D	0.37	4"	2.0% V	H	H
2207	1	JAMASH CL 80%	D	0.37	4"	2.0% V	H	H
2381	1	KANZA SL 50%	D	0.20	4"	2.0% H (w)	H	H
2381	2	NINNESCAH SL 50%	B	0.20	6"	2.5% H (w)	I	I
2390	1	KASKAN L 85%	B	0.28	7"	3.0% I	I	I
2391	1	KASKAN SICL 75%	B	0.37	9"	3.0% I	I	I
2395	1	KISIWA L 90%	D	0.43	4"	2.5% H (w)	H	H
2509	1	LADYSMITH SICL 100%	D	0.37	8"	3.0% V	H	H
2556	1	LANGDON FS 50%	A	0.15	8"	0.5% H	L	L
2587	1	IMANO CL 85%	C	0.28	10"	2.0% H (w)	H	H
2588	1	LONGFORD SICL 90%	C	0.37	6"	1.5% L	H	H

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2812	1	MAHONE LFS 95%	C	0.17	8"	0.4% I	H	I
2948	1	NALIM L 80%	B	0.28	6"	2.0% I	I	I
2949	1	NARON FSL 85%	B	0.20	8"	0.5% H	I	I
2950	1	NARON FSL 85%	B	0.20	8"	0.5% H	I	I
2951	1	NASH SIL 90%	B	0.37	8"	2.0% I	I	I
2952	1	NASH SIL 60%	B	0.37	8"	2.0% I	I	I
2952	2	LUCIEN SIL 30%	C	0.37	6"	1.0% L	H	H
2953	1	NASH SIL 70%	B	0.37	8"	1.0% H	I	I
2953	2	LUCIEN SIL 20%	C	0.37	6"	1.0% L	H	H
2955	1	NICKERSON FSL 100%	B	0.17	6"	0.4% H (w)	I	I
2956	1	NICKERSON LFS 85%	B	0.15	6"	0.4% H (w)	I	I
2957	1	NICKERSON FSL 50%	B	0.17	6"	0.4% H (w)	I	I
2957	2	PUNKIN FSL 50%	D	0.32	6"	2.0% V	H	H
2958	1	NINNESCAH FSL 85%	B	0.20	6"	2.5% H (w)	I	I
2959	1	NINNESCAH FSL 100%	B	0.28	6"	2.5% H (w)	I	I
3051	1	OST L 90%	B	0.28	8"	2.0% I	I	I
3052	1	OST L 55%	B	0.28	8"	2.0% I	I	I
3052	2	CLARK L 45%	B	0.28	11"	1.5% I	I	I
3170	1	PENALOSA SIL 100%	C	0.37	5"	2.0% L	H	H
3171	1	PENALOSA SIL 100%	C	0.37	5"	2.0% L	H	H
3180	1	PRATT FS 85%	A	0.15	8"	0.8% H	L	L
3181	1	PRATT FS 45%	A	0.15	8"	0.8% H	L	L
3181	2	TURON FS 30%	A	0.15	8"	0.5% H	L	L
3190	1	PUNKIN SIL 90%	D	0.43	4"	2.0% V	H	H
3191	1	PUNKIN SIL 70%	D	0.43	4"	2.0% V	H	H
3191	2	TAVER L 20%	D	0.28	7"	2.0% V	H	H
3403	1	SAND PIT 100%		0.00	0"	0.0% ?	?	?
3469	1	SMOLAN SICL 90%	C	0.37	5"	3.0% L	H	H
3510	1	SALTCREEK FSL 50%	C	0.20	5"	1.5% I	H	I
3510	2	FUNMAR L 30%	C	0.28	6"	2.0% L	H	H

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3510	3	FARNUM L 20%	B	0.28	5"	2.0% I	I	I
3511	1	SALTCREEK FSL 70%	C	0.20	5"	1.5% I	H	I
3511	2	NARON FSL 30%	B	0.20	7"	2.0% H	I	I
3512	1	NARON FSL 50%	B	0.20	8"	2.0% I	I	I
3512	2	SALTCREEK FSL 50%	C	0.20	5"	1.5% I	H	I
3520	1	SAXMAN LS 85%	A	0.20	4"	0.7% H (w)	L	L
3530	1	SHELLABARGER SL 45%	B	0.20	5"	0.8% H	I	I
3530	2	ALBION SL 40%	B	0.20	9"	1.5% H	I	I
3531	1	NALIM L 50%	B	0.28	6"	2.0% I	I	I
3531	2	SHELLABARGER SL 50%	B	0.20	6"	0.7% H	I	I
3532	1	SHELLABARGER LS 80%	B	0.17	6"	1.3% H	I	I
3533	1	SHELLABARGER SL 85%	B	0.20	7"	1.5% H	I	I
3534	1	SHELLABARGER SL 85%	B	0.20	7"	1.5% H	I	I
3535	1	SHELLABARGER SL 55%	B	0.20	7"	1.5% H	I	I
3535	2	NALIM L 45%	B	0.28	6"	2.0% I	I	I
3540	1	SOLVAY LFS 90%	D	0.17	5"	0.8% H (w)	H	H
3550	1	SPELVIN LS 100%	B	0.15	5"	0.5% H	I	I
3639	1	TAVER L 90%	D	0.28	7"	2.0% V	H	H
3640	1	TIVIN FS 95%	A	0.15	7"	0.5% H	L	I (s)
3641	1	TIVIN FS 45%	A	0.15	7"	0.5% H	L	L
3641	2	DILLHUT FS 40%	B	0.15	4"	0.5% H	I	I
3642	1	TIVIN FS 70%	A	0.15	11"	0.5% H	L	L
3642	2	WILLOWBROOK FSL 30%	B	0.20	4"	1.5% H (w)	I	I
3643	1	TOBIN SIL 100%	B	0.32	6"	2.5% I	I	I
3644	1	TURON FS 65%	A	0.15	8"	0.5% H	L	L
3644	2	CARWAY LFS 20%	D	0.17	7"	0.8% V	H	H
3760	1	URBAN LAND 50%	D	0.00	0"	0.0% V	H	L
3760	2	BLAZEFORK SICL 25%	D	0.37	3"	3.0% V	H	H
3760	3	KASKAN L 25%	B	0.28	7"	3.0% I	I	I
3762	1	URBAN LAND 50%	D	0.00	0"	0.0% V	H	L

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3762 2	DARLOW L 25%	C	0.43	5"	2.0% L	H	H
3762 3	ELMER FSL 15%	C	0.32	6"	1.5% L	H	H
3763 1	URBAN LAND 50%	D	0.00	0"	0.0% V	H	L
3763 2	IMANO CL 40%	C	0.28	10"	2.0% H (w)	H	H
3764 1	URBAN LAND 60%	D	0.00	0"	0.0% V	H	L
3764 2	MAHONE LFS 35%	C	0.17	8"	0.4% I	H	I
3765 1	URBAN LAND 50%	D	0.00	0"	0.0% V	H	L
3765 2	SALTCREEK FSL 35%	C	0.20	5"	1.5% I	H	I
3765 3	NARON FSL 15%	B	0.20	7"	2.0% H	I	I
3766 1	URBAN LAND 50%	D	0.00	0"	0.0% V	H	L
3766 2	SAXMAN LS 45%	A	0.20	4"	0.7% H (w)	L	L
3767 1	URBAN LAND 50%	D	0.00	0"	0.0% V	H	L
3767 2	WILLOWBROOK FSL 45%	B	0.20	4"	1.5% H (w)	I	I
3768 1	URBAN LAND 50%	D	0.00	0"	0.0% V	H	L
3768 2	YAGGY FSL 45%	C	0.20	5"	0.8% H (w)	H	I
3900 1	WARNUT FSL 75%	D	0.20	2"	0.8% H (w)	H	H
3926 1	WATER 100%		0.00	0"	0.0% ?	?	?
3966 1	WILLOWBROOK FSL 90%	B	0.20	4"	1.5% H (w)	I	I
4004 1	YAGGY FSL 95%	C	0.20	5"	0.8% H (w)	H	I
4005 1	YAGGY FSL 60%	C	0.20	5"	0.8% H (w)	H	I
4005 2	SAXMAN LS 30%	A	0.20	4"	0.7% H (w)	L	L
4110 1	ZELLMONT SL 70%	B	0.20	8"	1.5% H	I	I
4110 2	POXMASH SL 30%	B	0.20	5"	1.4% H	I	I
990 1	ABBYVILLE L 95%	C	0.43	8"	2.0% H (w)	H	H
991 1	ABBYVILLE FSL 45%	C	0.32	8"	2.0% H (w)	H	H
991 2	KISIWA L 40%	D	0.43	4"	2.5% H (w)	H	H
Ab 1	ALBION SL 60%	B	0.20	8"	1.5% H	I	I
Ab 2	SHELLABARGER SL 40%	B	0.20	7"	1.5% H	I	I
As 1	ALBION SL 60%	B	0.20	8"	1.5% H	I	I
As 2	SHELLABARGER SL 40%	B	0.20	7"	1.5% H	I	I

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Ba 1	BETHANY SIL 100%	C	0.37	6"	2.0% L	H	H
Be 1	BETHANY SIL 100%	C	0.37	6"	2.0% L	H	H
Bk 1	BREAKS L 65%	B	0.37	11"	2.0% I	I	I
Bk 2	ALLUVIAL LAND SIL 35%	B	0.43	40"	2.0% L	I	I
Ca 1	CANADIAN FSL 100%	B	0.20	30"	2.0% L	I	I
Cd 1	CARWILE FSL 100%	D	0.24	23"	2.0% H (w)	H	H
Cf 1	CARWILE FSL 55%	D	0.24	23"	2.0% H (w)	H	H
Cf 2	FARNUM FSL 45%	B	0.20	9"	1.5% H	I	I
Ck 1	CLARK FSL 100%	B	0.20	10"	1.5% H	I	I
Cm 1	CLARK L 55%	B	0.28	10"	1.5% I	I	I
Cm 2	OST CL 45%	B	0.32	9"	2.0% I	I	I
Co 1	CLARK L 70%	B	0.28	8"	1.5% I	I	I
Co 2	OST CL 30%	B	0.32	9"	2.0% I	I	I
Cp 1	CLARK L 70%	B	0.28	6"	1.5% H	I	I
Cp 2	OST CL 30%	B	0.32	9"	2.0% I	I	I
Da 1	DALE CL 100%	B	0.28	26"	2.0% L	I	I
Ep 1	ELSMERE LFS 60%	A	0.17	16"	1.0% H (w)	L	L
Ep 2	PLEVNA LFS 40%	D	0.17	14"	2.5% H (w)	H	H
Et 1	ELSMERE LFS 90%	A	0.17	16"	1.0% H (w)	L	L
Fa 1	FARNUM FSL 100%	B	0.20	16"	1.5% I	I	I
Fm 1	FARNUM L 100%	B	0.28	22"	2.0% I	I	I
Fn 1	FARNUM L 100%	B	0.28	16"	2.0% I	I	I
Fs 1	FARNUM L 50%	B	0.28	8"	2.0% I	I	I
Fs 2	SLICKSPOTS L 50%	D	0.49	10"	0.8% H (w)	H	H
Ft 1	FARNUM L 50%	B	0.28	22"	2.0% I	I	I
Ft 2	TABLER CL 50%	D	0.43	8"	2.0% V	H	H
Lc 1	LESHO CL 100%	C	0.28	11"	2.0% H (w)	H	H
Na 1	NARON FSL 100%	B	0.20	8"	2.0% I	I	I
Ne 1	NARON FSL 100%	B	0.20	8"	2.0% I	I	I
Nf 1	NARON FSL 60%	B	0.20	8"	2.0% I	I	I

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Nf 2	FARNUM L 40%	B	0.28	22"	2.0% I	I	I
Np 1	NARON FSL 60%	B	0.20	8"	2.0% I	I	I
Np 2	PRATT LFS 40%	A	0.17	12"	0.8% H	L	L
Ns 1	NASH L 80%	B	0.37	30"	2.0% L	I	I
Nt 1	NASH L 65%	B	0.37	30"	2.0% L	I	I
Nt 2	LUCIEN L 35%	C	0.37	14"	0.5% L	H	H
Nu 1	LUCIEN L 50%	C	0.37	14"	0.5% L	H	H
Nu 2	NASH L 50%	B	0.37	30"	2.0% L	I	I
Pa 1	PLATTE LFS 100%	B	0.17	7"	1.5% H (w)	I	I
Pe 1	PLEVNA FSL 100%	D	0.20	14"	2.5% H (w)	H	H
Pl 1	PORT CL 100%	B	0.37	12"	2.0% I	I	I
Pm 1	PRATT LFS 100%	A	0.17	12"	0.8% H	L	L
Pr 1	PRATT LFS 100%	A	0.17	12"	0.8% H	L	L
Pt 1	PRATT LFS 60%	A	0.17	12"	0.8% H	L	L
Pt 2	CARWILE FSL 40%	D	0.24	23"	2.0% H (w)	H	H
Rc 1	RENFROW CL 100%	D	0.37	11"	0.8% V	H	H
Re 1	RENFROW CL 100%	D	0.37	11"	0.8% V	H	H
Rv 1	RENFROW CL 70%	D	0.37	11"	0.8% V	H	H
Sa 1	SHELLABARGER FSL 100%	B	0.20	7"	1.5% H	I	I
Sb 1	SHELLABARGER FSL 100%	B	0.20	7"	1.5% H	I	I
Sc 1	SHELLABARGER FSL 100%	B	0.24	7"	2.0% H	I	I
Se 1	SHELLABARGER LFS 100%	B	0.20	7"	1.5% H	I	I
Sg 1	ALBION SL 50%	B	0.20	8"	1.5% H	I	I
Sg 2	SHELLABARGER SL 50%	B	0.20	7"	1.5% H	I	I
Sh 1	SHELLABARGER FSL 50%	B	0.20	7"	1.5% H	I	I
Sh 2	CLARK L 35%	B	0.28	10"	1.5% I	I	I
Sm 1	SHELLABARGER FSL 65%	B	0.20	7"	1.5% H	I	I
Sm 2	FARNUM L 35%	B	0.28	22"	2.0% I	I	I
Sn 1	FARNUM L 50%	B	0.28	22"	2.0% I	I	I
Sn 2	SHELLABARGER FSL 50%	B	0.20	7"	1.5% H	I	I

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So 1	SLICKSPOTS L 100%	D	0.49	8"	0.8% H (w)	H	H
Sp 1	SMOLAN SICL 90%	C	0.37	5"	3.0% L	H	H
St 1	SMOLAN SICL 100%	C	0.37	16"	3.0% L	H	H
Ta 1	TABLER CL 100%	D	0.43	8"	2.0% V	H	H
Tb 1	TABLER CL 65%	D	0.43	8"	2.0% V	H	H
Tb 2	SLICKSPOTS L 35%	D	0.49	8"	0.8% H (w)	H	H
Tf 1	TIVOLI FS 100%	A	0.17	5"	0.5% H	L	I (s)
Th 1	TIVOLI LFS 100%	A	0.17	5"	0.5% H	L	L
Va 1	VANOSS SIL 100%	B	0.37	11"	2.0% I	I	I
Vb 1	VANOSS SIL 100%	B	0.37	11"	2.0% I	I	I
Vc 1	VANOSS SIL 100%	B	0.37	11"	2.0% I	I	I
Ve 1	VERNON SOILS C 100%	D	0.32	8"	1.3% V	H	H (s)
W 1	WATER 100%		0.00	0"	0.0% ?	?	?
Wa 1	WANN FSL 100%	C	0.20	13"	1.5% H (w)	H	I
We 1	WET ALLUVIAL LAND LFS 100%	D	0.17	11"	2.0% 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