

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

Soils Data Table: SOIL_KS Sort Order: MUSYM

Pratt County, Kansas: KS151

MUSYM/SEQ#	COMPONENT/TEXTURE/MU%	HYD	KFACT	SURFACE DEPTH	% OM	SPISP II Ratings		
						Leaching (SLP)	Solution Runoff (SSRP)	Adsorbed Runoff (SARP)
007AE 1	ALBION SL 65%	B	0.20	11"	1.5%	I	I	I
007AE 2	SHELLABARGER SL 35%	B	0.20	12"	1.5%	I	I	I
007CC 1	CASE CL 50%	B	0.32	6"	1.3%	H	I	I
007CC 2	CLARK CL 50%	B	0.28	10"	1.5%	I	I	I
007LN 1	LINCOLN FSL 100%	A	0.20	6"	0.5%	H	L	L
007SB 1	SHELLABARGER SL 100%	B	0.20	14"	1.5%	I	I	I
047PG 1	PRATT LFS 100%	A	0.17	13"	0.8%	H	L	L
095AB 1	ALBION SL 100%	B	0.20	8"	1.5%	H	I	I
095AD 1	ALBION SL 100%	B	0.20	8"	1.5%	H	I	I
095DA 1	DILLWYN LFS 60%	A	0.17	8"	1.0%	H (w)	L	L
095DA 2	PLEVNA FSL 40%	D	0.20	11"	2.5%	H (w)	H	H
095SB 1	SHELLABARGER SL 100%	B	0.20	10"	1.5%	H	I	I
097AS 1	ALBION SL 65%	B	0.20	11"	1.5%	I	I	I
097AS 2	SHELLABARGER SL 35%	B	0.20	12"	1.5%	I	I	I
097CE 1	CASE CL 100%	B	0.32	6"	1.3%	H	I	I
097CK 1	CLARK L 100%	B	0.28	5"	1.5%	H	I	I
097CM 1	CLARK L 100%	B	0.28	10"	1.5%	I	I	I
097TH 1	TIVOLI FS 100%	A	0.17	6"	0.5%	H	L	I (s)
1005 1	ALBION SL 75%	B	0.20	9"	1.5%	H	I	I
1006 1	ALBION SL 100%	B	0.20	9"	1.5%	H	I	I
1017 1	ALBION SL 45%	B	0.20	9"	1.5%	H	I	I
1017 2	SHELLABARGER SL 40%	B	0.20	5"	0.8%	H	I	I
1324 1	CARWAY FSL 50%	D	0.20	7"	0.8%	V	H	H
1324 2	CARBIKA SIL 30%	D	0.24	11"	1.5%	V	H	H
1340 1	CASE L 70%	B	0.28	6"	1.5%	H	I	I
1340 2	CLARK L 30%	B	0.28	11"	1.5%	I	I	I
1341 1	CASE L 60%	B	0.28	6"	1.5%	H	I	I
1341 2	CLARK L 40%	B	0.28	11"	1.5%	I	I	I

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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
1726	1	FARNUM L 40%	B	0.28	5"	2.0% I	I	I
1726	2	FUNMAR L 40%	C	0.28	6"	2.0% L	H	H
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
1988	1	HAYES FSL 70%	B	0.20	8"	0.8% H	I	I
2556	1	LANGDON FS 50%	A	0.15	8"	0.5% H	L	L
2948	1	NALIM L 80%	B	0.28	6"	2.0% I	I	I
2956	1	NICKERSON LFS 85%	B	0.15	6"	0.4% H (w)	I	I
3051	1	OST L 90%	B	0.28	8"	2.0% I	I	I
3053	1	OST L 85%	B	0.28	8"	2.0% I	I	I
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
3445	1	SHELLABARGER SL 100%	B	0.20	6"	0.7% H	I	I
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
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
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
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

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3540 1	SOLVAY LFS 90%	D	0.17	5"	0.8% H (w)	H	H
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)
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
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
Ab 1	ALBION SL 100%	B	0.20	8"	1.5% H	I	I
Ao 1	ALBION SL 100%	B	0.20	8"	1.5% H	I	I
As 1	ALBION SL 50%	B	0.20	8"	1.5% H	I	I
As 2	SHELLABARGER FSL 50%	B	0.20	11"	1.5% I	I	I
Bc 1	BLANKET SICL 100%	C	0.37	13"	2.0% L	H	H
Be 1	BLANKET SIL 100%	C	0.37	13"	2.0% L	H	H
Bh 1	BLANKET SIL 100%	C	0.37	13"	2.0% L	H	H
Br 1	FLUVENTS L 100%	B	0.37	6"	1.3% H	I	H (s)
Ca 1	CARWILE FSL 100%	D	0.24	10"	2.0% H (w)	H	H
Cc 1	CASE L 70%	B	0.28	6"	1.5% H	I	I
Cc 2	CLARK L 30%	B	0.28	11"	1.5% I	I	I
Ck 1	CASE CL 60%	B	0.32	6"	1.3% H	I	I
Ck 2	CLARK CL 40%	B	0.28	8"	1.5% I	I	I
Cm 1	CLARK CL 100%	B	0.28	8"	1.5% I	I	I
Cn 1	CLARK FSL 100%	B	0.20	8"	1.5% H	I	I
Co 1	CLARK CL 70%	B	0.28	8"	1.5% I	I	I
Co 2	OST CL 30%	B	0.32	9"	2.0% I	I	I
Cs 1	CROFT SOILS LFS 100%	A	0.17	13"	0.8% H	L	L
Fa 1	FARNUM CL 100%	B	0.28	7"	2.0% I	I	I
Fe 1	FARNUM FSL 100%	B	0.20	11"	1.5% I	I	I
Fm 1	FARNUM L 100%	B	0.28	14"	2.0% I	I	I
Fn 1	FARNUM L 100%	B	0.28	12"	2.0% I	I	I
Fu 1	FARNUM L 100%	B	0.28	12"	2.0% I	I	I

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Fw 1	FARNUM L 60%	B	0.28	12"	2.0% I	I	I
Fw 2	CARWILE FSL 40%	D	0.24	12"	2.0% H (w)	H	H
GRP 1	PITS GR-S 100%	A	0.10	60"	0.3% H	L	I (s)
INT 1	AQUOLLS VAR 100%	C	0.00	72"	0.0% ?	H	?
Kp 1	KANZA LFS 50%	D	0.17	11"	2.0% H (w)	H	H
Kp 2	PLEVNA FSL 50%	D	0.20	10"	2.5% H (w)	H	H
Ks 1	ELANDCO SIL 100%	B	0.43	18"	2.0% L	I	I
Kw 1	ELANDCO SIL 100%	B	0.43	18"	2.0% L	I	I
Nd 1	NARON FSL 100%	B	0.20	8"	2.0% I	I	I
Nf 1	NARON FSL 100%	B	0.20	8"	2.0% I	I	I
Ng 1	NARON FSL 100%	B	0.20	8"	2.0% I	I	I
Nk 1	NARON L 100%	B	0.28	11"	2.0% I	I	I
Nm 1	NARON L 100%	B	0.28	11"	2.0% I	I	I
Nn 1	NARON FSL 55%	B	0.20	11"	2.0% I	I	I
Nn 2	FARNUM L 45%	B	0.28	12"	2.0% I	I	I
Oc 1	OST CL 100%	B	0.32	9"	2.0% I	I	I
Os 1	OST CL 100%	B	0.32	9"	2.0% I	I	I
Pm 1	PRATT LFS 100%	A	0.17	10"	0.8% H	L	L
Pn 1	PRATT LFS 100%	A	0.17	10"	0.8% H	L	L
Po 1	PRATT LFS 60%	A	0.17	10"	0.8% H	L	L
Po 2	CARWILE FSL 40%	D	0.24	12"	2.0% H (w)	H	H
PRR 1	PRATT LFS 100%	A	0.17	12"	0.8% H	L	L
PSS 1	PRATT LFS 100%	A	0.17	8"	0.8% H	L	L
Pt 1	PRATT LFS 60%	A	0.17	10"	0.8% H	L	L
Pt 2	TIVOLI LFS 40%	A	0.17	6"	0.5% H	L	L
PTT 1	PRATT LFS 60%	A	0.17	10"	0.8% H	L	L
PTT 2	TIVOLI LFS 40%	A	0.17	7"	0.5% H	L	L
Sa 1	ALBION FSL 70%	B	0.20	8"	1.5% H	I	I
Sa 2	KASKI L 30%	B	0.28	26"	2.0% L	I	I
Sb 1	SHELLABARGER FSL 100%	B	0.20	11"	1.5% I	I	I

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Se 1	SHELLABARGER FSL 100%	B	0.20	11"	1.5% I	I	I
Sf 1	SHELLABARGER FSL 100%	B	0.20	11"	1.5% I	I	I
Ta 1	TABLER CL 100%	D	0.43	10"	2.0% V	H	H
Tf 1	TIVOLI FS 100%	A	0.17	6"	0.5% H	L	I (s)
W 1	WATER 100%		0.00	0"	0.0% ?	?	?
Wa 1	WALDECK FSL 100%	C	0.20	15"	1.5% H (w)	H	I
Wd 1	KINGMAN SICL 100%	D	0.32	10"	3.0% H (w)	H	H
Ze 1	ZENDA CL 100%	C	0.28	14"	2.0% H (w)	H	H
Zs 1	DRUMMOND CL 50%	D	0.49	8"	0.8% H (w)	H	H
Zs 2	ZENDA CL 50%	C	0.28	14"	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