

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

Soils Data Table: SOIL_KS Sort Order: MUSYM

Greenwood County, Kansas: KS073

| | | | | | | | SPISP II Ratings | | |
|------------|-----------------------|-----|-------|------------------|------|-------------------|-------------------|------------------|--|
| MUSYM/SEQ# | COMPONENT/TEXTURE/MU% | HYD | KFACT | SURFACE DEPTH | % OM | Leaching (SLP) | Solution Adsorbed | | |
| | | | | | | | Runoff (SSRP) | Runoff (SARP) | |
| 015CS 1 | CLIME SIC 60% | C | 0.28 | 11" | 2.5% | L | H | H (s) | |
| 015CS 2 | SOGN SICL 20% | D | 0.32 | 7" | 2.0% | V | H | H (s) | |
| 015LD 1 | LABETTE SICL 50% | C | 0.37 | 13" | 3.0% | L | H | H | |
| 015LD 2 | DWIGHT SIL 40% | D | 0.43 | 5" | 3.0% | V | H | H | |
| 017IN 1 | IRWIN SICL 95% | D | 0.37 | 4" | 3.0% | V | H | H | |
| 031ER 1 | ERAM SIL 65% | C | 0.43 | 10" | 2.0% | H (w) | H | H | |
| 031ER 2 | COLLINSVILLE L 20% | D | 0.32 | 14" | 2.0% | V | H | H | |
| 031ES 1 | ERAM SICL 60% | C | 0.37 | 8" | 2.0% | H (w) | H | H | |
| 031ES 2 | SHIDLER SICL 25% | D | 0.32 | 12" | 3.0% | V | H | H | |
| 031SA 1 | SUMMIT SICL 85% | C | 0.37 | 9" | 2.5% | H (w) | H | H | |
| 031VC 1 | VERDIGRIS SIL 88% | B | 0.32 | 7" | 3.0% | I | I | I | |
| 049FM 1 | FLORENCE GR-SIL 60% | C | 0.20 | 6" | 6.0% | L | H | I | |
| 049FM 2 | MARTIN SICL 30% | C | 0.37 | 9" | 3.0% | L | H | H | |
| 111BC 1 | BATES L 65% | B | 0.32 | 17" | 2.5% | I | I | I | |
| 111BC 2 | COLLINSVILLE FSL 35% | D | 0.20 | 7" | 2.0% | V | H | H | |
| 111EE 1 | ERAM SICL 100% | C | 0.37 | 6" | 2.0% | H (w) | H | H | |
| 111EF 1 | ERAM SIL 60% | C | 0.43 | 7" | 2.0% | H (w) | H | H | |
| 111EF 2 | BATES L 40% | B | 0.32 | 7" | 2.5% | I | I | I | |
| 111LD 1 | LABETTE SICL 60% | C | 0.37 | 8" | 3.0% | L | H | H | |
| 111LD 2 | DWIGHT SIL 40% | D | 0.43 | 4" | 3.0% | V | 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 | |
| 111VA 1 | VINLAND L 100% | D | 0.28 | 12" | 3.0% | V | H | H | |
| 205CA 1 | CATOOSA SIL 85% | B | 0.37 | 10" | 2.0% | I | I | I | |
| 205EB 1 | ERAM SIL 90% | C | 0.43 | 9" | 2.0% | H (w) | H | H | |
| 205EC 1 | ERAM SIL 90% | C | 0.43 | 9" | 2.0% | H (w) | H | H | |
| 205ND 1 | NIOTAZE CB-FSL 50% | C | 0.20 | 9" | 2.0% | H (w) | H | H (s) | |
| 205ND 2 | DARNELL FSL 35% | C | 0.24 | 6" | 0.7% | I | H | H | |

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| | | | | | | | |
|---------|-----------------------------|---|------|-----|------------|---|-------|
| 205SF 1 | STEEDMAN ST-SIL 90% | C | 0.28 | 8" | 1.8% H (w) | H | H (s) |
| 205SM 1 | STEPHENVILLE FSL 60% | B | 0.24 | 17" | 1.3% I | I | I |
| 205SM 2 | DARNELL FSL 30% | C | 0.24 | 6" | 0.7% I | H | H |
| 205ZB 1 | ZAAR SIC 85% | D | 0.28 | 10" | 3.0% H (w) | H | H |
| 207DD 1 | DENNIS SIL 98% | C | 0.43 | 10" | 2.0% H (w) | H | H |
| 207KA 1 | KENOMA SIL 98% | D | 0.43 | 11" | 3.0% H (w) | H | H |
| 207KO 1 | KENOMA SIL 50% | D | 0.43 | 11" | 3.0% H (w) | H | H |
| 207KO 2 | OLPE SIL 30% | C | 0.43 | 6" | 1.5% L | H | H |
| 207VC 1 | VERDIGRIS SIL 90% | B | 0.32 | 25" | 3.0% L | I | I |
| AED 1 | ARENTS, EARTHEN DAM 100% | | 0.00 | 0" | 0.0% ? | ? | ? |
| At 1 | AQUENTS VAR 100% | | 0.00 | 60" | 0.0% ? | ? | ? |
| Ca 1 | CHASE SICL 90% | C | 0.37 | 14" | 3.0% H (w) | H | H |
| Ce 1 | CLIME ST-SICL 100% | C | 0.28 | 9" | 3.0% L | H | H (s) |
| Cm 1 | CLIME SIC 90% | C | 0.28 | 11" | 2.5% L | H | H |
| Cs 1 | CLIME SIC 65% | C | 0.28 | 11" | 2.5% L | H | H (s) |
| Cs 2 | SOGN SICL 20% | D | 0.32 | 7" | 2.0% V | H | H (s) |
| De 1 | DENNIS SIL 100% | C | 0.43 | 12" | 2.0% H (w) | H | H |
| Dn 1 | DENNIS SIL 100% | C | 0.43 | 12" | 2.0% H (w) | H | H |
| Ds 1 | DENNIS SICL 100% | C | 0.37 | 6" | 1.3% H (w) | H | H |
| Dw 1 | DWIGHT SIL 90% | D | 0.43 | 4" | 3.0% V | H | H |
| Eb 1 | ERAM SICL 85% | C | 0.37 | 10" | 2.0% H (w) | H | H |
| Ec 1 | ERAM SICL 90% | C | 0.37 | 10" | 2.0% H (w) | H | H |
| Eh 1 | ERAM SICL 90% | C | 0.37 | 6" | 2.0% H (w) | H | H |
| Ft 1 | FLORENCE GR-SIL 60% | C | 0.20 | 13" | 6.0% L | H | I |
| Ft 2 | LABETTE SICL 25% | C | 0.37 | 9" | 3.0% L | H | H |
| IBB 1 | IRWIN SICL 85% | D | 0.37 | 11" | 2.8% V | H | H |
| Ic 1 | IVAN SIL 85% | B | 0.32 | 27" | 3.0% L | I | I |
| If 1 | IVAN SIL 90% | B | 0.32 | 38" | 3.0% L | I | I |
| Ka 1 | KENOMA SIL 100% | D | 0.43 | 11" | 3.5% V | H | H |
| KAA 1 | KENOMA SIL 100% | D | 0.43 | 11" | 3.0% V | H | H |

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| | | | | | | | |
|-------|-----------------------------|---|------|-----|------------|---|-------|
| Ke 1 | KENOMA SICL 100% | D | 0.37 | 4" | 3.5% V | H | H |
| La 1 | LABETTE SICL 90% | C | 0.37 | 9" | 3.0% L | H | H |
| LAA 1 | LABETTE SICL 90% | C | 0.37 | 13" | 3.0% L | H | H |
| Ld 1 | LABETTE SICL 65% | C | 0.37 | 9" | 3.0% L | H | H |
| Ld 2 | DWIGHT SIL 30% | D | 0.43 | 4" | 3.0% V | H | H |
| Ls 1 | LABETTE SICL 50% | C | 0.37 | 9" | 3.0% L | H | H |
| Ls 2 | SOGN SICL 35% | D | 0.32 | 15" | 2.0% V | H | H |
| LUU 1 | LULA SIL 90% | B | 0.37 | 9" | 2.0% I | I | I |
| M-W 1 | MISCELLANEOUS WATER 100% | | 0.00 | 0" | 0.0% ? | ? | ? |
| Ma 1 | MARTIN SICL 90% | C | 0.37 | 12" | 3.0% H (w) | H | H |
| Mb 1 | MARTIN SICL 90% | C | 0.37 | 11" | 3.0% L | H | H |
| Me 1 | MARTIN SIC 90% | C | 0.28 | 7" | 1.5% L | H | H |
| MSS 1 | MASON SIL 90% | B | 0.37 | 14" | 2.0% I | I | I |
| Na 1 | NEWTONIA SIL 100% | B | 0.37 | 12" | 2.5% I | I | I |
| Nd 1 | NIOTAZE L 65% | C | 0.37 | 9" | 2.0% H (w) | H | H |
| Nd 2 | DARNELL FSL 30% | C | 0.24 | 6" | 0.7% I | H | H |
| Nz 1 | NIOTAZE L 75% | C | 0.37 | 9" | 2.0% H (w) | H | H (s) |
| Nz 2 | DARNELL FSL 15% | C | 0.24 | 6" | 0.7% I | H | H (s) |
| Od 1 | OIL WASTE LAND 100% | | 0.00 | 0" | 0.0% ? | ? | ? |
| Op 1 | OLPE GR-SIL 85% | C | 0.24 | 13" | 1.5% L | H | H |
| Os 1 | OSAGE SIC 95% | D | 0.28 | 14" | 2.5% H (w) | H | H |
| Pt 1 | Pits, quarries VAR 100% | | 0.00 | 60" | 0.0% ? | ? | ? |
| Re 1 | READING SIL 90% | B | 0.32 | 13" | 3.0% I | I | I |
| St 1 | STEEDMAN ST-L 85% | C | 0.24 | 8" | 1.8% H (w) | H | H |
| W 1 | WATER (> 40 ACRES) 100% | | 0.00 | 0" | 0.0% ? | ? | ? |
| Wo 1 | WOODSON SIL 90% | D | 0.43 | 8" | 2.5% H (w) | H | H |
| Za 1 | ZAAR SIC 100% | D | 0.28 | 13" | 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