

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

Soils Data Table: SOIL\_KS Sort Order: MUSYM

Washington County, Kansas: KS201

|            |                             |     |       |                  |      |                   | SPISP II Ratings  |                  |  |
|------------|-----------------------------|-----|-------|------------------|------|-------------------|-------------------|------------------|--|
| MUSYM/SEQ# | COMPONENT/TEXTURE/MU%       | HYD | KFACT | SURFACE<br>DEPTH | % OM | Leaching<br>(SLP) | Solution Adsorbed |                  |  |
|            |                             |     |       |                  |      |                   | Runoff<br>(SSRP)  | Runoff<br>(SARP) |  |
| 027GC 1    | GEARY SIL 100%              | B   | 0.32  | 10"              | 2.5% | I                 | I                 | I                |  |
| 027SU 1    | SUTPHEN SICL 100%           | D   | 0.37  | 7"               | 3.0% | V                 | H                 | H                |  |
| 117KA 1    | KENNEBEC SIL 97%            | B   | 0.28  | 48"              | 4.0% | L                 | I                 | I                |  |
| 117PB 1    | PAWNEE CL 90%               | D   | 0.37  | 13"              | 3.0% | H (w)             | H                 | H                |  |
| 117PC 1    | PAWNEE C 85%                | D   | 0.37  | 6"               | 2.5% | H (w)             | H                 | H                |  |
| 117WA 1    | WABASH SICL 88%             | D   | 0.28  | 16"              | 3.3% | H (w)             | H                 | H                |  |
| 117WB 1    | WYMORE SICL 88%             | D   | 0.37  | 6"               | 3.0% | H (w)             | H                 | H                |  |
| 117WC 1    | WYMORE SICL 85%             | D   | 0.37  | 6"               | 3.0% | H (w)             | H                 | H                |  |
| AED 1      | ARENTS, EARTHEN DAM<br>100% |     | 0.00  | 0"               | 0.0% | ?                 | ?                 | ?                |  |
| Be 1       | BENFIELD SICL 85%           | C   | 0.37  | 5"               | 2.5% | L                 | H                 | H                |  |
| Cg 1       | CASS FSL 100%               | B   | 0.20  | 7"               | 1.5% | H                 | I                 | I                |  |
| Ch 1       | CASS FSL 90%                | B   | 0.20  | 17"              | 1.5% | I                 | I                 | I                |  |
| Co 1       | COLO SIL 95%                | D   | 0.28  | 19"              | 4.0% | H (w)             | H                 | H                |  |
| Cr 1       | CRETE SIL 100%              | C   | 0.37  | 5"               | 3.0% | L                 | H                 | H                |  |
| Cs 1       | CRETE SICL 100%             | C   | 0.37  | 9"               | 3.0% | L                 | H                 | H                |  |
| Ct 1       | CRETE SICL 100%             | C   | 0.37  | 8"               | 3.0% | L                 | H                 | H                |  |
| Cx 1       | CRETE SICL 90%              | C   | 0.37  | 5"               | 3.0% | L                 | H                 | H                |  |
| Ed 1       | EDALGO SICL 88%             | C   | 0.37  | 6"               | 3.0% | L                 | H                 | H                |  |
| Eu 1       | EUDORA L 95%                | B   | 0.32  | 10"              | 1.5% | I                 | I                 | I                |  |
| Ho 1       | HOBBS SIL 90%               | B   | 0.32  | 6"               | 3.0% | I                 | I                 | I                |  |
| Kp 1       | KIPSON SICL 100%            | D   | 0.32  | 12"              | 2.0% | V                 | H                 | H (s)            |  |
| Ks 1       | KIPSON SICL 85%             | D   | 0.32  | 12"              | 2.0% | V                 | H                 | H (s)            |  |
| Lc 1       | LANCASTER L 100%            | B   | 0.28  | 9"               | 2.5% | I                 | I                 | I                |  |
| Lh 1       | LANCASTER L 50%             | B   | 0.28  | 9"               | 2.5% | I                 | I                 | I                |  |
| Lh 2       | HEDVILLE L 35%              | D   | 0.32  | 10"              | 2.5% | V                 | H                 | H (s)            |  |
| Lo 1       | LONGFORD SIL 85%            | C   | 0.32  | 11"              | 2.5% | L                 | H                 | H                |  |
| Lx 1       | LONGFORD SICL 100%          | C   | 0.32  | 6"               | 1.5% | L                 | H                 | H                |  |

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|      |                 |   |      |     |            |   |       |
|------|-----------------|---|------|-----|------------|---|-------|
| Mc 1 | MAYBERRY CL 85% | D | 0.37 | 14" | 2.0% H (w) | H | H     |
| Mh 1 | MORRILL L 90%   | B | 0.28 | 8"  | 2.5% I     | I | I     |
| Mm 1 | MORRILL L 85%   | B | 0.28 | 8"  | 2.5% I     | I | I     |
| Mp 1 | MORRILL L 50%   | B | 0.28 | 15" | 2.5% I     | I | I     |
| Mp 2 | JANSEN L 45%    | B | 0.28 | 8"  | 2.0% I     | I | H (s) |
| Mu 1 | MUIR SIL 98%    | B | 0.32 | 18" | 3.0% L     | I | I     |
| Sa 1 | SARPY LFS 85%   | A | 0.17 | 8"  | 0.5% H     | L | L     |
| Tu 1 | TULLY SICL 90%  | C | 0.37 | 15" | 3.0% L     | H | H     |
| Ty 1 | TULLY SICL 85%  | C | 0.37 | 15" | 3.0% L     | H | H     |
| W 1  | WATER 100%      |   | 0.00 | 0"  | 0.0% ?     | ? | ?     |
| We 1 | WELLS L 100%    | B | 0.28 | 10" | 2.5% I     | I | I     |

(.\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