

HRSW Wheat Stem Sawfly Variety Trial—Sheridan County

| <u>Variety</u> | <u>Yield (bu/A)</u> | <u>Test weight (lbs/bu)</u> | <u>Number of Sawfly per 10 Stems</u> | <u>Number of Stems Lodged per Plot*</u> |
|------------------------|---------------------|-----------------------------|--|---|
| Faller ¹ | 63.8 a | 61.6 bc | 1.3 a | 1.5 a |
| Barlow ¹ | 54.5 bc | 62.0 ab | 0.0 a | 1.5 a |
| Steele ND ¹ | 53.7 bc | 62.8 a | 0.3 a | 1.8 a |
| Choteau ² | 56.1 b | 61.1 cd | 0.3 a | 0.3 a |
| Mott ² | 52.8 c | 62.1 ab | 0.3 a | 0.5 a |
| Conan ² | 47.3 d | 60.4 d | 0.5 a | 0.5 a |

Means followed by the same letter are not significantly different (P = 0.05, Tukey's HSD)
Data transformed with log (x+1) prior to analysis, untransformed means shown

¹ Sawfly Susceptible Variety

² Sawfly Tolerant Variety

*Some lodging was caused by Hessian fly in addition to Wheat Stem Sawfly