

2009 WSU Soft White Winter Wheat Trial Summary

Precipitation Zone <12" – Preliminary Data

1. Soft white winter wheat grain yield across five locations and 58 entries in the <12" precipitation zone averaged 32 bushels/acre, two bushels/acre higher than the 2008 average of 30 bushels/acre. The CV for the average data was 13 and that was lower than the CV of 18 in 2008. The CVs in these experiments are higher than desired, but the trials still provide useful data. There was a lot of variability in fall establishment in the zone due to dry planting conditions and some of that variability carried through the trials. These trials were designed and all except Lind were analyzed as Alpha Lattice designs that overall helped to account for within replication variation and reduced LSD and CV values.

2. Test weight averaged 59.1 lb/bu across locations also slightly higher than last year. Grain protein averaged 12.8% nearly equaling last year's 12.7% value. Protein was higher than desired for soft white wheat, and hopefully will not adversely affect marketing of the 2009 crop.