

2009 WSU Soft White Winter Wheat Trial Summary

Precipitation Zone >20" – Preliminary Data

1. Soft white winter wheat grain yield across five locations and 58 entries in the >20" precipitation zone averaged 129 bushels/acre, 7 bushels/acre higher than the 2008 average of 122 bushels/acre. The CV for the average data was 6. These trials were designed and analyzed as Alpha Lattice designs that overall helped to account for within replication variation and reduced LSD and CV values.
2. Test weight averaged 59.6 lb/bu across locations 1.0 lb/bu higher than last year. Grain protein averaged 10.6%, 1.1% lower than last year's 11.7% value.
3. When evaluating variety performance, consider as many locations and years as possible with similar environments. These summaries by rainfall zone are helpful because of similar environments, but also evaluate variety performance across years that can show variety adaptation. Past performance of a variety across locations and years is the best predictor of future performance.