## 2012 WSU Variety Testing Hard Winter Wheat Trial Summary

### Precipitation Zone >16"
1. Hard red and white winter wheat grain yield across four locations and 24 entries in the >16” precipitation zone averaged 98 bushels/acre, 28 bushels/acre lower than the 2011 average of 126 bushels/acre and 6 bushels/acre lower than the 2010 average of 104 bushels/acre. The CV for the average data was 11 and was lower than the 2011 CV value. In general the 2012 trials had good fall establishment.

2. Yields among entries averaged across locations ranged from 76 to 117 bushels/acre and reflected a mostly average growing season. ‘Altigo’ and ‘Norwest 553’ were the highest yielding named varieties averaged across locations and were the named varieties in the top 10% LSD range (6 bushels/acre) of the highest yield and are shown in bold. Stripe rust levels were low and effectively controlled with fungicide application.

3. Test weight averaged 60.5 lbs./bu across locations and entries and was lower than last year’s 61.5 lbs./bu average. Grain protein averaged 12.1% and was higher than the 2011 value of 10.9%.