### 2012 WSU Variety Testing Soft White Winter Wheat Trial Summary

#### Precipitation Zone 12-16"
2012 WSU Soft White Winter Wheat Trial Summary
Precipitation Zone 12”-16” – Preliminary Data

1. Soft white winter wheat grain yield across five 2012 locations and 48 entries in the 12”-16” precipitation zone averaged 100 bushels/acre, 9 bushels/acre lower than the 2011 average of 109 bushels/acre and 15 bushels/acre lower than the 2010 average of 115 bushels/acre. The CV value of 8 for the 2012 average data 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 88 to 114 bushels/acre and reflected a mostly average growing season. ‘Tubbs 06’ was the highest yielding named variety, but two numbered lines from Oregon were higher averaged across locations within the top 10% LSD range (4 bushels/acre) and are indicated in bold. Stripe rust levels were mostly moderate and rust was effectively controlled with fungicide applications except for Dusty, a planned non-treated site, and there was a moderate level of stripe rust impact at Dusty on susceptible entries.

3. Test weight averaged 60.4 lbs./bu across all trials and was close to last year’s 60.5 lbs./bu average. Grain protein averaged 11.0% and was higher than last year’s 10.4% value.