## 2011 WSU Variety Testing Hard Spring Wheat Trial Summary

### Precipitation Zone <12"
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Precipitation Zone <12” – Preliminary Data
1. Hard red and white spring wheat grain yield across four locations and 24 entries in the <12” precipitation zone averaged 30 bushels/acre and is lower than the 2010 average of 36 bushels/acre. The CV for the average data is 11, higher than the 2010 CV.

2. Yields among entries averaged across locations ranged narrowly from 28 to 34 bushels/acre. Lassik was the highest yielding named entry averaged across locations. Average yield values within the 10% LSD range (2 bushels/acre) of the highest yield are shown in bold and this included 7 of the 24 entries. Stripe rust was a factor at most locations and influenced yield rankings based on susceptibility. The only fungicide application made on these trials was one at Connell and stripe rust yield impacts in percent are: minimal impact at Bickleton, minimal at Connell, 20% at Hourse Heaven, and 20% at Lind.

3. Test weight averaged 60.6 lb/bu across locations and entries and was higher than last year’s 58.2 lb/bu average. Grain protein averaged 13.5% and was lower than last year’s 14.9% protein value.