### 2014 WSU Variety Testing Barley Trial Summary

#### Precipitation Zone 16-20"
2014 WSU Spring Barley Trial Summary
Precipitation Zone 16-20” – Preliminary Data

1. Hulled and hulless spring barley grain yield across two locations and 42 entries in the 16-20” precipitation zone averaged 3660 lbs/acre, lower than the 2013 average of 4360 lbs/acre. The Reardan and Walla Walla trials were not included due to abnormal conditions, and the Mayview trial was hailed out. The Almira trial was also compromised with abnormal conditions and left only Lamont in the <16” zone and it is summarized as a single location.

2. Yields among entries averaged across locations ranged from 2790 to 4400 lbs/acre. ‘Champion’ was the highest yielding named entry averaged across locations. Average yield values within the 10% LSD range (220 lbs/acre) of the highest yield are shown in bold and this included four of the 42 entries.

3. Test weight averaged 52.2 lbs/bu across locations and were lower than the 2013 52.6 lbs/bu average. Grain protein in 2014 averaged 13.0%, the same as last year. Plump, date head, plant height, and lodging results can be found on individual final site summaries.