

## 2012 WSU Variety Testing Barley Trial Summary

### Precipitation Zone >20"

Variety Name	Fairfield	Farmington	Pullman	Average	Fairfield	Farmington	Pullman	Average	Fairfield	Farmington	Pullman	Average
	Yield (Lbs/A)				Test Wt (Lbs/Bu)				Protein (%)			
2004NZ163	4170	4820	3670	<b>4220</b>	54.2	53.8	53.9	54.0	13.3	13.0	10.2	12.2
05WA-316.K	4030	4770	3770	<b>4190</b>	53.7	51.8	51.5	52.3	12.8	13.1	9.4	11.8
Champion	4040	4490	4010	<b>4180</b>	54.3	53.0	54.1	53.8	12.6	12.1	9.3	11.3
LSC LN09-0920	3820	4380	4150	<b>4120</b>	52.9	52.8	51.7	52.5	13.6	13.0	10.2	12.3
CDC Meredith	4270	3550	4430	<b>4090</b>	52.7	50.0	51.1	51.3	12.1	13.2	10.5	12.0
07WA-601.6	3480	4580	4150	<b>4070</b>	53.4	52.0	53.1	52.9	14.1	13.0	9.1	12.1
07WA-682.1	4160	3970	3960	<b>4030</b>	54.2	52.9	52.4	53.2	12.8	12.3	10.4	11.8
Lenetah	3990	3850	4180	<b>4010</b>	53.6	53.0	53.3	53.3	13.1	13.2	9.1	11.8
2Ab04-X01084-27	4290	3680	4030	<b>4000</b>	53.1	50.5	48.9	50.8	12.6	13.5	11.4	12.5
05WA-316.99	4010	4190	3760	<b>3990</b>	53.1	51.9	50.8	51.9	13.2	12.4	9.9	11.8
2004NZ151	3970	4370	3620	<b>3980</b>	54.0	53.5	51.0	52.8	13.0	12.3	10.7	12.0
CDC Copeland	4190	3840	3920	<b>3980</b>	52.6	50.2	50.6	51.1	12.1	13.5	10.2	11.9
07WA-614.4	3860	4050	3920	3940	52.9	51.7	50.2	51.6	13.7	13.6	9.0	12.1
Bob	3840	3670	3880	3790	53.4	52.7	53.9	53.4	14.6	13.4	9.4	12.5
08WA-137.6	4040	3650	3680	3790	53.7	51.5	49.9	51.7	13.0	12.8	9.7	11.8
08WA-140.11	3880	3730	3720	3780	54.0	52.4	52.2	52.9	12.7	12.6	10.0	11.8
2004NZ170	3690	4200	3440	3770	53.4	52.9	51.8	52.7	13.6	11.9	10.8	12.1
08WA-109.17	4080	3260	3970	3770	53.5	51.1	51.2	51.9	13.2	14.4	10.9	12.8
Radiant	3940	3710	3630	3760	52.8	51.2	51.8	51.9	12.7	12.9	9.2	11.6
06WA-412.4	3600	3890	3700	3730	54.2	52.9	53.3	53.5	13.5	12.7	9.6	12.0
Harrington	3780	3680	3520	3660	53.7	51.8	52.2	52.6	13.5	13.5	9.9	12.3
Baronesse	3350	3780	3750	3620	52.7	51.5	51.4	51.9	13.6	14.1	9.7	12.5
X05013-T267 <sup>1</sup>	3420	2910	3460	3260	52.0	50.5	51.8	51.5	15.8	15.1	10.6	13.8
08WA-107.8	3660	2370	3610	3210	54.2	51.9	52.5	52.9	13.1	14.9	10.6	12.9
08WA-118.12	3230	3490	2810	3180	52.3	51.8	49.5	51.2	14.0	14.2	10.5	12.9
Bentley	4010	2300	3170	3160	52.5	50.0	50.1	50.9	12.5	15.2	10.9	12.9
<u>Hulless</u>												
X05056-T211 <sup>1</sup>	3420	2750	3560	3240	59.4	59.7	59.8	59.6	15.2	15.4	11.2	13.9
09WA-265.14 <sup>1</sup>	3330	2770	3060	3050	61.8	61.8	61.7	<b>61.8</b>	13.6	14.5	12.1	13.4
Meresse <sup>1</sup>	2730	2840	3060	2880	58.8	58.7	57.8	58.4	16.9	16.6	12.2	<b>15.2</b>
2Ab09-X06F058HL-23 <sup>1</sup>	2750	2520	2880	2720	57.3	60.7	59.3	59.1	15.9	16.7	11.4	<b>14.7</b>
<b>C.V. %</b>	8	10	15	11	1.2	1.2	2.3	1.7	3.6	5.6	12.1	7.1
<b>LSD (.10)</b>	300	380	600	250	0.7	0.7	1.3	0.5	0.5	0.8	1.3	0.5
<b>Average</b>	3770	3670	3680	3710	54.2	53.0	52.8	53.3	13.6	13.6	10.3	12.5
<b>Highest</b>	4290	4820	4430	4220	61.8	61.8	61.7	61.8	16.9	16.7	12.2	15.2
<b>Lowest</b>	2730	2300	2810	2720	52.0	50.0	48.9	50.8	12.1	11.9	9.0	11.3

<sup>1</sup> Waxy, High Beta-Glucan

## 2012 WSU Spring Barley Trial Summary Precipitation Zone >20" – Preliminary Data

1. Hulled and hulless spring barley grain yield across three locations and 30 entries in the >20" precipitation zone averaged 3710 lbs/acre, and that is lower than the 2011 average of 3890 lbs/acre.
2. Yields among entries averaged across locations ranged from 2720 to 4220 lbs/acre. 'Champion' was the highest yielding named entry averaged across locations. Average yield values within the 10% LSD range (140 lbs/acre) of the highest yield are shown in bold and included 12 of the 30 entries.
3. Test weight averaged 53.3 lbs/bu across locations and was similar to the 2011 average of 53.2 lbs/bu. Grain protein in 2012 averaged 12.5% and was also similar to last year's 12.6% protein value. Plump, date head, plant height, and lodging results can be found on individual final site summaries.