

2012 WSU Variety Testing Barley Trial Summary

Precipitation Zone <16"

Variety Name	Almira	Lamont	Average	Almira	Lamont	Average	Almira	Lamont	Average
	Yield (Lbs/A)			Test Wt (Lbs/Bu)			Protein (%)		
	Almira	Lamont	Average	Almira	Lamont	Average	Almira	Lamont	Average
Champion	3800	3550	3670	48.0	51.1	49.5	15.8	13.9	14.9
08WA-107.8	3710	3420	3560	46.7	50.8	48.8	15.5	13.7	14.6
Lenetah	3510	3540	3530	45.5	51.5	48.5	18.6	12.8	15.7
07WA-601.6	3230	3710	3470	42.5	49.9	46.2	18.7	14.0	16.4
05WA-316.K	2970	3760	3360	42.1	49.5	45.8	18.1	14.1	16.1
08WA-140.11	3120	3490	3310	42.9	50.8	46.9	19.7	13.9	16.8
2004NZ151	2980	3500	3240	40.9	51.4	46.2	17.8	14.0	15.9
2004NZ163	3260	3220	3240	43.7	51.6	47.6	19.1	14.2	16.7
08WA-137.6	2620	3780	3200	41.3	49.4	45.4	19.7	14.7	17.2
2004NZ170	3040	3370	3200	40.3	50.8	45.6	19.6	14.9	17.2
07WA-682.1	3090	3300	3190	43.7	50.7	47.2	19.4	13.7	16.6
Radiant	2380	3910	3140	43.3	50.9	47.1	19.3	13.1	16.2
Baronesse	3070	3190	3130	42.8	48.9	45.8	17.8	14.7	16.2
08WA-118.12	3150	3100	3130	43.3	48.5	45.9	19.6	14.7	17.1
08WA-109.17	3040	3120	3080	43.8	49.1	46.5	17.7	13.6	15.7
2Ab04-X01084-27	2550	3420	2980	39.6	49.2	44.4	20.7	13.7	17.2
Bentley	2790	3160	2970	40.7	50.2	45.4	21.3	14.6	17.9
06WA-412.4	3220	2710	2970	44.3	47.9	46.1	18.2	15.2	16.7
LSC LN09-0920	3050	2900	2970	41.9	50.4	46.2	19.8	13.6	16.7
X05013-T267¹	3140	2670	2900	43.2	50.5	46.9	20.1	15.3	17.7
Bob	2810	3000	2900	43.9	50.3	47.1	20.2	14.9	17.6
07WA-614.4	2590	3050	2820	40.1	48.7	44.4	20.7	14.5	17.6
CDC Copeland	2250	3380	2810	40.4	50.1	45.3	21.9	14.2	18.1
05WA-316.99	2580	3030	2800	39.4	49.8	44.6	17.4	14.2	15.8
CDC Meredith	2350	3090	2720	39.3	49.9	44.6	19.8	14.4	17.1
Harrington	2470	2600	2530	40.1	50.4	45.3	20.5	14.9	17.7
<u>Hulless</u>									
Meresse¹	2970	2200	2590	47.9	56.2	52.1	20.7	17.4	19.1
X05056-T211¹	2410	2580	2490	42.8	55.7	49.3	21.6	16.6	19.1
09WA-265.14¹	2030	2320	2170	44.2	59.7	51.9	21.0	15.9	18.5
2Ab09-X06F058HL-23¹	2050	1690	1870	46.9	52.9	49.9	21.6	19.7	20.6
C.V. %	13	11	12	4.2	1.9	3.0	10.0	7.1	9.2
LSD (0.10)	380	350	260	1.9	1.0	1.1	2.1	1.1	1.2
Average	2870	3120	3000	42.9	50.9	46.9	19.4	14.6	17.0
Highest	3800	3910	3670	48.0	59.7	52.1	21.9	19.7	20.6
Lowest	2030	1690	1870	39.3	47.9	44.4	15.5	12.8	14.6

¹ Waxy, High Beta-Glucan

2012 WSU Spring Barley Trial Summary Precipitation Zone <16" – Preliminary Data

1. Hulled and hulless spring barley grain yield across two locations and 30 entries in the <16" precipitation zone averaged 3000 lbs/acre, lower than the 2011 average of 3900 lbs/acre. Bickleton was previously in this zone, but was not in 2012 leaving two locations for this zone.
2. Yields among entries averaged across locations ranged from 1870 to 3670 lbs/acre. 'Champion' was the highest yielding named entry averaged across locations. Average yield values within the 10% LSD range (260 lbs/acre) of the highest yield are shown in bold and this included 4 of the 30 entries.
3. Test weight averaged 46.9 lbs/bu across locations due to low test weights at Almira and were lower than the 2011 53.2 lbs/bu average. Grain protein in 2012 averaged 17.0% and was much higher than last year's 11.6% protein average. Plump, date head, plant height, and lodging results can be found on individual final site summaries.