

2011 WSU Variety Testing Barley Trial Summary

Precipitation Zone >20"

Variety Name <i>(Hulless Italicized)</i>	Fairfield	Farmington	Pullman	Average	Fairfield	Farmington	Pullman	Average	Fairfield	Farmington	Pullman	Average
07WA-682.1	3420	4810	5250	4490	53.0	53.8	53.3	53.4	11.7	10.5	8.8	10.3
05WA-316.K	3480	4230	5140	4280	52.0	52.7	53.9	52.9	12.0	10.5	8.1	10.2
2Ab04-X01084-27	3420	4570	4810	4270	50.7	51.3	53.3	51.8	12.2	10.5	8.6	10.4
Radiant	3130	4210	5470	4270	52.0	53.3	54.1	53.1	11.9	10.5	9.3	10.6
AC Metcalfe	3200	3940	5620	4250	52.2	53.3	53.6	53.0	12.3	10.9	8.9	10.7
CDC Meredith	3390	4250	5040	4230	50.3	51.0	53.0	51.4	12.2	11.4	8.9	10.8
07WA-614.4	2830	4070	5740	4210	50.2	51.9	51.0	51.0	12.4	11.1	9.5	11.0
2004NZ151	2950	3920	5720	4200	52.4	53.8	54.5	53.6	13.2	11.5	9.4	11.4
Champion	3290	3850	5370	4170	52.7	54.1	54.0	53.6	13.1	10.8	8.6	10.9
Baronesse	2830	4790	4870	4160	51.1	52.7	53.3	52.4	13.0	10.3	8.6	10.6
07MB-390	3270	4030	5060	4120	51.6	52.7	54.7	53.0	12.2	11.4	9.7	11.1
07WA-684.17	3220	3830	5320	4120	52.2	52.7	55.7	53.5	11.9	10.6	9.0	10.5
07WA-677.1	3220	3450	5580	4080	52.7	52.3	53.4	52.8	12.0	11.5	9.3	10.9
2004NZ163	3140	3820	5180	4050	52.3	53.2	57.0	54.2	12.6	11.4	9.0	11.0
2004NZ170	2770	3960	5270	4000	52.1	52.9	52.7	52.6	12.4	10.9	9.9	11.1
Harrington	3100	4060	4770	3970	51.3	53.3	52.3	52.3	13.1	11.9	9.1	11.3
06WA-458.14	3170	4150	4490	3940	52.5	53.5	54.7	53.6	13.1	10.7	7.9	10.6
CDC Copeland	3290	4100	4390	3930	50.6	51.7	51.3	51.2	12.5	10.7	8.6	10.6
07WA-649.7	3210	3570	5030	3930	53.9	53.9	53.9	53.9	12.2	10.9	8.8	10.6
04WA-113.22	3110	4010	4580	3900	51.0	53.6	53.5	52.7	14.0	11.2	9.6	11.6
07WA-630.19	2620	3590	5450	3890	52.4	53.3	53.0	52.9	13.3	11.4	9.8	11.5
07WA-601.6	2700	4000	4940	3880	52.0	53.3	53.2	52.8	12.6	11.1	8.3	10.7
Bob	2810	3900	4860	3860	52.4	53.5	53.8	53.2	13.6	11.5	8.5	11.2
Lenetah	3350	3800	4410	3850	52.8	53.0	54.4	53.4	12.2	11.2	8.9	10.7
05WA-316.99	2750	4560	4160	3820	51.8	52.5	55.2	53.2	12.8	11.4	9.5	11.3
Tetonia	3290	3560	4500	3780	52.2	53.0	55.0	53.4	12.3	10.6	8.6	10.5
Bentley	3050	3020	5000	3690	50.1	51.2	52.0	51.1	12.3	10.9	8.3	10.5
Newdale	3300	3340	4400	3680	51.1	51.4	52.3	51.6	12.5	11.5	9.3	11.1
07WA-658.8	2930	3630	4130	3570	51.5	53.4	53.5	52.8	13.2	11.7	8.8	11.2
2004NZ223	2720	3550	4450	3570	52.2	53.6	52.9	52.9	13.3	12.2	9.1	11.6
<i>Clearwater</i>	2240	3020	5390	3550	58.7	57.7	56.1	57.5	13.7	12.1	8.1	11.3
WAS 4	2290	3730	4450	3490	60.5	61.3	58.8	60.2	13.8	11.6	9.0	11.4
2Ab17271	2960	3250	4140	3450	50.3	51.8	51.1	51.1	12.7	10.5	9.0	10.8
Spaulding	3410	2170	4550	3380	54.0	53.6	53.4	53.7	11.6	11.3	9.2	10.7
WAS 2	2530	3360	4170	3350	50.9	52.6	53.1	52.2	12.4	11.8	9.7	11.3
<i>Meresse</i>	1700	2620	3990	2770	58.7	58.2	54.8	57.2	15.4	13.0	9.4	12.6
C.V.	9	12	11	11	1.2	0.7	3.3	2.1	4.6	7.1	4.4	5.6
LSD	280	460	580	260	0.7	0.4	1.9	0.7	0.6	0.8	0.4	0.4
Average	3000	3800	4880	3890	52.5	53.4	53.8	53.2	12.7	11.2	9.0	11.0
Highest	3480	4810	5740	4490	60.5	61.3	58.8	60.2	15.4	13.0	9.9	12.6
Lowest	1700	2160	3990	2770	50.1	51.0	51.0	51.0	11.6	10.3	7.9	10.2

2011 WSU Spring Barley Trial Summary Precipitation Zone >20" - Preliminary Data

1. Hulled and hulless spring barley grain yield across three locations and 36 entries in the >20" precipitation zone averaged 3890 lbs/acre, and that is lower than the 2010 average of 5660 lbs/acre. In general the trials had good establishment after late seeding.
2. Yields among entries averaged across locations ranged from 2770 to 4490 lbs/acre. Radiant 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 6 of the 36 entries.
3. Test weight averaged 53.2 lb/bu across locations and entries and was higher than last year's 49.8 lb/bu average. Grain protein averaged 11.0% and was lower than last year's 13.2% protein value. Plump, date head, plant height, and lodging data can be found on individual site summaries.