

2013 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 (%)			
Champion	3980	6390	5160	5170	50.8	52.0	54.4	52.4	13.1	12.4	9.2	11.6
Genie	3960	6300	4870	5040	50.8	50.8	53.5	51.7	13.2	12.0	9.4	11.5
09WA-228.13	3810	6290	5000	5030	51.1	51.7	54.5	52.4	12.6	12.4	9.2	11.4
Lyon (05WA-316.K)	3850	6080	5140	5020	50.3	49.2	53.4	51.0	13.2	12.8	9.6	11.8
09WA-203.24	3790	5930	5230	4980	51.2	49.9	53.9	51.7	12.1	12.6	9.8	11.5
Vespa (LSC LN09-0920)	3900	5630	5300	4940	50.4	48.6	52.9	50.6	13.4	12.9	9.5	11.9
2004NZ163	4030	5950	4740	4900	50.8	51.2	54.4	52.1	14.1	12.6	9.9	12.2
09WA-249.9	3960	5930	4680	4860	49.4	50.6	51.9	50.6	12.8	12.9	11.2	12.3
Baronesse	3910	5680	4950	4850	49.8	50.6	53.2	51.2	13.3	12.6	9.8	11.9
Muir (07WA-601.6)	3790	5570	5130	4830	50.7	50.7	54.2	51.9	13.1	12.8	9.1	11.7
Bob	3730	5580	5060	4790	51.5	51.1	54.6	52.4	14.0	13.1	9.6	12.2
Overature	3650	5560	5110	4780	49.4	47.0	52.7	49.7	13.5	12.3	9.0	11.6
07WA-682.1	3830	5890	4610	4780	51.0	50.1	54.0	51.7	13.3	12.3	8.9	11.5
Lenetah	3780	5710	4800	4760	50.4	50.8	53.9	51.7	13.5	12.0	9.1	11.5
09WA-203.26	3750	5620	4820	4730	50.2	51.4	54.1	51.9	12.9	12.5	9.7	11.7
2Ab07-X01084-27	3650	5600	4910	4720	49.2	47.2	51.5	49.3	12.4	13.0	9.5	11.6
CDC Meredith	3880	5460	4770	4700	47.8	46.6	50.9	48.4	12.7	12.7	9.2	11.5
Odyssey	3310	5800	4970	4690	49.6	48.3	52.0	50.0	14.3	12.0	9.5	11.9
CDC Copeland	4100	5650	4240	4670	48.9	47.2	50.4	48.8	12.4	13.1	9.8	11.7
2Ab07-X031098-31	3650	5130	4670	4480	50.5	49.7	51.4	50.5	14.6	13.8	9.8	12.8
2008NZ004²	3510	5460	4260	4410	48.4	49.0	51.8	49.7	14.8	13.5	10.6	13.0
2008NZ013²	3800	5360	4060	4400	48.6	48.9	52.2	49.9	13.7	13.7	10.2	12.5
Harrington	3600	5020	4440	4350	49.9	48.8	53.9	50.8	13.2	13.4	9.3	12.0
Tradition²	3280	6310	3470	4350	49.1	50.4	53.0	50.8	13.9	13.0	10.0	12.3
AC Metcalfe	3220	5340	4320	4290	50.6	49.9	53.3	51.2	13.7	13.7	9.4	12.3
2Ab07-X04M219-46	3710	4890	4210	4270	49.0	45.9	50.4	48.4	13.5	13.2	9.7	12.1
09WA-231.5	2780	4670	4060	3840	56.1	53.3	58.6	56.0	15.5	14.9	11.0	13.8
07MBR1	1730	4300	2760	2930	47.6	50.1	52.6	50.1	17.1	15.4	12.8	15.1
<i>Hulless</i>												
09WA-265.5¹	3320	4800	3940	4020	58.9	55.4	61.2	58.5	15.0	13.7	10.4	13.1
X06G07-T43¹	2880	4700	4060	3880	55.8	48.8	53.1	52.6	16.5	14.6	11.2	14.1
X05013-T1¹	2790	4060	3930	3590	58.8	57.2	62.0	59.3	16.1	15.1	11.2	14.1
Meresse¹	2720	3860	3890	3490	54.3	55.2	57.9	55.8	16.9	15.5	11.6	14.7
X07G19-T270¹	2480	3880	3730	3360	57.7	57.2	59.7	58.2	16.4	14.7	10.7	13.9
2Ab09-X06F058HL-182¹	2130	3680	3060	2950	56.6	54.1	58.8	56.5	17.8	17.3	12.6	15.9
2Ab09-X06F052HL-28¹	2010	2850	3150	2670	55.2	55.7	58.9	56.6	17.6	17.9	12.9	16.2
2Ab09-X06F087HL-170¹	1830	2990	2750	2520	55.4	56.8	60.3	57.5	18.4	17.7	13.1	16.4
C.V. %	10	7	7	8	1.2	2.4	1.5	1.7	4.7	2.9	4.3	4.0
LSD (.10)	350	370	340	200	0.6	1.3	0.9	0.6	0.7	0.4	0.5	0.3
Average	3390	5220	4390	4340	51.5	50.9	54.4	52.3	14.3	13.6	10.2	12.7
Highest	4100	6390	5300	5170	58.9	57.2	62.0	59.3	18.4	17.9	13.1	16.4
Lowest	1730	2850	2750	2520	47.6	45.9	50.4	48.4	12.1	12.0	8.9	11.4

¹ Waxy, High Beta-Glucan

² 6-Row

2013 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 4340 lbs/acre and was higher than the 2012 average of 3710 lbs/acre.
2. Yields among entries averaged across locations ranged from 2520 to 5170 lbs/acre. 'Champion' was the highest yielding named entry averaged across locations. Average yield values within the 10% LSD range (200 lbs/acre) of the highest yield are shown in bold and this included 5 of the 36 entries.
3. Test weight averaged 52.3 lbs/bu across locations and were lower than the 2012 53.3 lbs/bu average. Grain protein in 2013 averaged 12.7% and was higher than last year's 12.5% protein average. Plump, date head, plant height, and lodging results can be found on individual final site summaries.