

2010 WSU SPRING BARLEY TRIAL SUMMARY

Precipitation Zone= <16"

VARIETY NAME	ALMIRA	BICKLETON	LAMONT	AVERAGE YIELD	ALMIRA	BICKLETON	LAMONT	AVERAGE TEST WEIGHT	ALMIRA	BICKLETON	LAMONT	AVERAGE PROTEIN
	YIELD (LBS/A)				TW (LBS/BU)				PROTEIN (%)			
2-Row												
05WA-316.99	5150	3020	7040	5070	46.4	46.7	51.8	48.3	13.7	12.1	12.6	12.8
04WA-113.22	5720	2870	6160	4920	49.4	49.9	52.3	50.5	14.4	12.5	13.5	13.5
CHAMPION	4830	3410	6510	4920	47.2	51.6	53.2	50.7	15.0	11.8	13.1	13.3
TETONIA	4570	2830	7270	4890	47.0	47.0	53.2	49.1	14.8	13.8	12.4	13.7
06WA-458.14	4880	2920	6840	4880	45.9	47.9	52.8	48.9	14.9	12.6	13.2	13.6
06WA-406.28	4430	2810	7220	4820	44.7	44.5	50.6	46.6	14.2	12.1	12.6	13.0
06WA-412.4	4810	2910	6410	4710	47.6	48.6	53.4	49.9	15.1	12.9	13.3	13.8
RADIANT	4680	2780	6670	4710	45.7	48.5	51.5	48.6	15.1	12.4	13.4	13.6
LENETAH	4880	2940	6250	4690	47.6	49.8	53.1	50.2	14.8	12.1	13.3	13.4
06WA-426.42	4200	2900	6750	4620	44.1	45.7	52.2	47.3	14.8	12.8	13.0	13.5
05WA-329.49	4680	3090	5980	4580	48.4	49.4	53.6	50.5	15.7	13.0	13.5	14.1
06WA-423.21	4120	3140	6430	4560	44.0	45.7	50.4	46.7	14.5	13.0	12.7	13.4
2004NZ163	4710	2680	6200	4530	45.6	47.9	52.9	48.8	16.0	13.2	13.0	14.1
06WA-426.49	4060	2970	6530	4520	41.4	46.9	51.6	46.6	14.8	12.4	13.1	13.4
BOB	4410	2940	6070	4470	48.9	48.3	52.8	50.0	14.9	12.2	13.9	13.7
06WA-406.9	4050	2650	6680	4460	42.3	44.4	50.3	45.7	15.7	13.0	13.1	13.9
BARONESSE	4350	2800	6210	4450	45.2	48.5	52.0	48.6	15.4	12.5	13.0	13.6
HARRINGTON	4400	2740	6150	4430	44.7	45.3	51.2	47.1	14.7	12.9	13.3	13.6
WAS 2	4480	2830	5910	4410	48.9	48.7	53.8	50.5	14.9	12.7	14.5	14.0
05WA-316.K	3950	2960	6150	4350	43.2	46.1	51.2	46.8	14.3	12.9	12.6	13.3
04WVZ-124	3840	2850	6150	4280	42.3	46.5	51.2	46.7	16.4	13.3	13.7	14.5
HAXBY	4470	2670	5670	4270	49.3	52.2	54.7	52.1	14.7	12.0	13.0	13.2
CDC COPELAND	3760	2590	6440	4260	43.9	45.8	50.9	46.9	14.9	12.7	13.3	13.6
06WA-421.23	4020	2890	5850	4250	43.1	45.6	49.8	46.2	15.3	13.9	13.7	14.3
PINNACLE	4050	2940	5750	4250	47.9	51.4	53.0	50.8	13.5	11.2	12.0	12.2
WAS 1	3860	2820	5920	4200	44.0	48.2	51.6	47.9	15.6	13.0	14.2	14.3
SPAULDING	4170	2870	5490	4180	46.4	48.4	52.0	48.9	14.0	12.0	12.7	12.9
2004NZ151	4030	2480	6000	4170	43.5	47.0	52.0	47.5	14.9	13.1	13.3	13.8
07MB-390	3580	2820	6040	4150	41.1	45.7	50.8	45.9	15.2	13.6	14.3	14.4
BENTLEY	3980	2920	5540	4150	43.7	46.3	52.3	47.4	15.5	12.5	13.8	13.9
AC METCALFE	3610	2550	5880	4010	44.4	47.0	52.1	47.8	14.8	12.9	13.4	13.7
CDC MEREDITH	3230	2710	5720	3890	39.7	43.4	49.5	44.2	15.6	13.7	12.6	14.0
2-Row Hulless												
WAS 4	4390	2470	5310	4060	52.4	55.2	62.0	56.5	16.4	13.2	13.2	14.3
CLEARWATER	3800	2530	5270	3870	55.4	56.5	60.0	57.3	16.2	12.9	14.4	14.5
MERESSE	3930	2540	4620	3700	55.1	56.7	61.5	57.8	17.1	15.1	15.0	15.7
WAS 3	3600	2450	4730	3590	52.9	56.1	60.1	56.4	17.5	14.1	14.0	15.2
CV (%)	11	9	6	9	3.9	2.4	1.3	2.6	4.6	5.0	5.2	4.9
LSD (0.10)	660	360	520	300	2.5	1.6	1.0	1.0	1.0	0.9	1.0	0.5
Average	4270	2810	6110	4400	46.2	48.4	53.0	49.2	15.2	12.8	13.3	13.8
Highest	5720	3410	7270	5070	55.4	56.7	62.0	57.8	17.5	15.1	15.0	15.7
Lowest	3230	2450	4620	3590	39.7	43.4	49.5	44.2	13.5	11.2	12.0	12.2

2010 WSU Spring Barley Trial Summary Precipitation Zone <16" – Preliminary Data

1. Spring barley grain yield across three locations in the <16" precipitation zone averaged 4400 pounds/acre, 1590 pounds/acre higher than the 2009 average. These trials were analyzed as Alpha Lattice designs that overall helped to account for within replication variation and reduced LSD and CV values. The highest value and other values within the LSD range are shown in bold. Champion was the highest yielded named variety across locations and entries.
2. Test weight averaged 49.2 lb/bu across locations and entries, and was similar to 2009. Grain protein averaged 13.8%.