

2010 WSU SPRING BARLEY TRIAL SUMMARY

Precipitation Zone= >20"

VARIETY NAME	FARMINGTON	COLFAX	PULLMAN	AVERAGE YIELD	FARMINGTON	COLFAX	PULLMAN	AVERAGE TEST WEIGHT	FARMINGTON	COLFAX	PULLMAN	AVERAGE PROTEIN
	YIELD (LBS/A)				TW (LBS/BU)				PROTEIN (%)			
2-Row												
2004NZ163	7590	5540	6360	6500	51.7	48.3	52.6	50.9	11.9	13.7	14.3	13.3
LENETAH	7060	5660	6670	6460	53.1	50.1	54.7	52.6	11.5	13.2	13.5	12.7
06WA-412.4	7550	5560	5960	6360	52.3	48.5	51.5	50.8	10.9	12.7	14.5	12.7
04WZN-124	7290	5210	6240	6250	48.4	45.1	50.3	47.9	11.6	13.9	13.5	13.0
05WA-316.K	7550	5330	5630	6170	50.0	46.2	50.9	49.0	11.0	13.0	14.4	12.8
CHAMPION	7580	5910	5030	6170	51.8	52.0	52.0	51.9	11.3	12.2	14.1	12.5
2004NZ151	7450	4990	5970	6140	49.8	45.2	49.6	48.2	11.2	12.3	13.0	12.2
04WA-113.22	7410	5340	5600	6120	51.3	48.8	51.8	50.6	11.8	13.5	15.0	13.4
05WA-316.99	7780	5120	5180	6030	49.3	44.7	49.4	47.8	10.7	13.1	13.5	12.4
BOB	6730	5100	5970	5930	51.9	49.8	52.9	51.5	11.7	12.9	15.0	13.2
05WA-329.49	7060	5160	5540	5920	52.1	51.1	53.6	52.3	12.0	14.3	15.2	13.8
WAS 2	6760	5000	5980	5910	52.3	50.1	54.3	52.2	11.5	13.6	14.2	13.1
06WA-426.49	7310	5160	5100	5860	49.5	45.4	50.3	48.4	11.3	13.3	14.1	12.9
06WA-458.14	7130	5490	4970	5860	51.4	48.4	51.0	50.3	11.4	12.3	14.9	12.9
PINNACLE	6130	5400	5850	5790	50.1	50.4	52.1	50.9	11.4	11.8	12.5	11.9
06WA-426.42	6940	5120	5200	5750	49.6	45.5	49.3	48.1	11.6	13.4	15.2	13.4
BARONESSE	6780	4930	5520	5740	50.5	46.9	51.7	49.7	11.2	13.5	14.9	13.2
RADIANT	7190	5100	4590	5630	50.1	47.6	48.7	48.8	10.7	13.0	14.6	12.8
07MB-390	6590	4990	5030	5540	48.0	45.2	48.7	47.3	11.4	13.4	15.4	13.4
06WA-423.21	6780	4930	4870	5530	49.2	46.8	48.5	48.2	11.3	12.7	15.0	13.0
06WA-406.9	6930	4910	4570	5470	48.4	41.5	45.6	45.2	11.0	12.9	16.2	13.4
06WA-421.23	7360	4580	4440	5460	49.6	45.4	50.0	48.3	11.6	13.7	15.5	13.6
WAS 1	6660	4750	4900	5440	49.5	47.6	50.1	49.1	11.9	13.4	16.3	13.9
CDC MEREDITH	6600	4810	4860	5420	47.7	42.9	47.1	45.9	11.5	12.8	14.2	12.8
SPAULDING	6430	5360	4460	5420	51.2	48.7	52.0	50.6	11.7	12.3	13.3	12.4
CDC COPELAND	6560	4820	4810	5400	49.3	44.9	47.3	47.2	11.5	13.5	15.6	13.5
06WA-406.28	6440	5050	4600	5360	48.4	43.0	47.0	46.1	11.2	12.5	14.5	12.7
HARRINGTON	6080	4940	4750	5260	49.2	45.6	46.2	47.0	12.4	14.3	15.4	14.0
TETONIA	6570	4580	4410	5190	50.2	46.8	52.5	49.8	11.4	13.9	14.8	13.4
AC METCALFE	6320	4720	4490	5180	50.8	46.7	48.5	48.7	11.6	13.4	15.5	13.5
HAXBY	5470	4690	5340	5170	52.7	50.1	53.5	52.1	11.7	13.1	14.0	12.9
BENTLEY	5510	4690	4820	5010	48.0	44.1	48.4	46.8	12.0	13.0	14.8	13.3
2-Row Hulless												
MERESSE	6030	4190	5720	5310	57.4	55.0	57.0	56.5	12.6	15.0	16.5	14.7
WAS 3	6250	4620	4810	5230	53.5	51.1	51.1	51.9	11.7	13.5	16.5	13.9
WAS 4	6160	4160	4870	5060	59.0	54.0	53.5	55.5	9.9	14.1	16.0	13.3
CLEARWATER	5870	4300	4000	4720	56.9	51.9	55.6	54.8	12.4	15.0	15.7	14.4
CV (%)	8	6	11	8	2.3	2.3	2.1	2.2	5.7	6.2	5.0	5.6
LSD (0.10)	710	440	760	370	1.6	1.5	1.5	0.9	0.9	1.1	1.0	0.6
Average	6770	5010	5200	5660	51.0	47.7	50.8	49.8	11.5	13.3	14.8	13.2
Highest	7780	5910	6670	6500	59.0	55.0	57.0	56.4	12.6	15.0	16.5	14.7
Lowest	5470	4160	4000	4720	47.7	41.5	45.6	45.4	9.9	11.8	12.5	11.9

2010 WSU Spring Barley Trial Summary

Precipitation Zone >20" – Preliminary Data

1. Spring barley grain yield across three locations in the >20" precipitation zone averaged 5660 pounds/acre, 860 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. Lenetah was the highest yielded named variety across locations and entries.

2. Test weight averaged 49.8 lb/bu across locations and entries, and was 0.7 lb/bu higher than 2009. Grain protein averaged 13.2%.