

2010 WSU EXTENSION SPRING BARLEY NURSERY AT REARDAN, WA.

Variety Name <i>*Hulless Italicized</i>	5 YEAR AVERAGE (LBS/A)	3 YEAR AVERAGE (LBS/A)	2 YEAR AVERAGE (LBS/A)	2010				
				YIELD (LBS/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE
2004NZ163	--			6240	52.8	12.5	32	179
LENETAH	--	4680	5760	6100	53.1	11.0	40	174
CHAMPION	--	4550	5460	5950	53.7	11.5	39	174
TETONIA	--		5000	5920	52.5	11.6	39	176
06WA-458.14	--			5780	53.1	11.8	37	175
SPAULDING	--	4600	5470	5760	54.0	11.5	38	177
04WNZ-124	--	4450	5310	5750	51.3	12.8	32	179
2004NZ151	--			5660	52.0	12.3	33	178
BARONESSE	--	4220	5150	5640	52.1	11.7	37	176
06WA-412.4	--			5640	53.5	11.9	36	176
06WA-426.49	--			5610	52.0	11.8	36	175
06WA-423.21	--			5570	51.0	11.5	38	174
05WA-316.K	--		5160	5370	52.0	11.3	38	174
05WA-316.99	--		4910	5250	51.8	11.3	40	175
06WA-426.42	--			5120	51.8	12.1	37	175
05WA-329.49	--		4620	5110	53.5	12.2	42	175
04WA-113.22	--	4050	4940	5100	53.1	11.7	36	175
06WA-421.23	--			5090	49.6	12.9	42	178
RADIANT	--	3890	4730	5070	52.1	11.3	41	176
WAS 1	--			5000	51.4	12.6	40	176
CDC COPELAND	--	3840	4590	4960	51.0	11.5	46	176
WAS 2	--			4810	53.5	12.0	34	172
BOB	--	4010	4730	4790	52.8	11.8	40	174
CDC MEREDITH	--			4770	50.1	11.8	40	177
06WA-406.9	--			4760	49.6	11.5	39	177
06WA-406.28	--			4690	49.6	11.5	40	175
PINNACLE	--		4280	4640	52.8	11.4	40	172
<i>WAS 3</i>	--	3620	4340	4560	59.8	11.4	37	176
<i>CLEARWATER</i>	--		4270	4460	59.7	12.6	41	176
HARRINGTON	--	3580	4320	4370	51.2	12.4	41	175
<i>WAS 4</i>	--			4360	61.0	11.8	35	175
07MB-390	--			4350	51.0	12.6	38	178
AC METCALFE	--	3530	4200	4090	51.3	12.2	42	176
HAXBY	--	3430	4140	4040	54.3	11.9	39	174
BENTLEY	--			3760	51.0	11.8	44	176
<i>MERESSE</i>	--	2820	3470	3740	60.4	13.7	35	177
C.V. %	--	8	8	7	1.1	3.3	3	1
LSD '@ .10'	--	260	360	490	0.8	0.5	2	1
Average	--	3965	4740	5050	52.9	11.9	38	176
Highest	--	4680	5760	6240	61.0	13.7	46	179
Lowest	--	2820	3470	3740	49.6	11.0	32	172

Reardan Spring Barley – Preliminary Data

1. Grain yield in the Reardan spring barley trial averaged 5050 pounds/acre, 1085 pounds/acre higher than the 3-year average for this location. The Reardan nursery was located 7 miles west of Reardan, WA (Hal Johnson, cooperator).
2. This nursery was seeded on 26, March, 2010 following winter wheat. Seed was placed at a 90#/acre seeding rate using a no-till plot drill equipped with Cross-Slot openers set on 10-inch spacing. Base applied fertilizer was 105#N/acre.
3. Yields ranged from 3740 lb/ac to 6240 lb/ac. Yield values within the LSD range of the highest yield are shown in bold and 6 of the 36 entries are in this top group. Lenetah was the highest yielding variety. All entries were 2-row and hulless entries are listed in italic.
4. Test weights averaged 52.9 lb/bu and ranged from 49.6 to 61.0 lb/bu with the highest values produced by hulless cultivars. Average plant height was 38 inches.