

2010 WSU EXTENSION SPRING BARLEY NURSERY AT BICKLETON, 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 (%)
CHAMPION	--	3010	2670	3410	51.6	11.8
06WA-423.21	--			3140	45.7	13.0
05WA-329.49	--		2340	3090	49.4	13.0
05WA-316.99	--		2400	3020	46.7	12.1
06WA-426.49	--			2970	46.9	12.4
05WA-316.K	--		2290	2960	46.1	12.9
PINNACLE	--		2130	2940	51.4	11.2
LENETAH	--	2610	2230	2940	49.8	12.1
BOB	--	2620	2210	2940	48.3	12.2
06WA-458.14	--			2920	47.9	12.6
BENTLEY	--			2920	46.3	12.5
06WA-412.4	--			2910	48.6	12.9
06WA-426.42	--			2900	45.7	12.8
06WA-421.23	--			2890	45.6	13.9
SPAULDING	--	2500	2440	2870	48.4	12.0
04WA-113.22	--	2470	2160	2870	49.9	12.5
04WENZ-124	--	2470	2200	2850	46.5	13.3
TETONIA	--		2180	2830	47.0	13.8
WAS 2	--			2830	48.7	12.7
WAS 1	--			2820	48.2	13.0
07MB-390	--			2820	45.7	13.6
06WA-406.28	--			2810	44.5	12.1
BARONESSE	--	2500	2180	2800	48.5	12.5
RADIANT	--	2560	2260	2780	48.5	12.4
HARRINGTON	--	2320	2130	2740	45.3	12.9
CDC MEREDITH	--			2710	43.4	13.7
2004NZ163	--			2680	47.9	13.2
HAXBY	--	2540	2280	2670	52.2	12.0
06WA-406.9	--			2650	44.4	13.0
CDC COPELAND	--	2270	2080	2590	45.8	12.7
AC METCALFE	--	2210	1970	2550	47.0	12.9
<i>MERESSE</i>	--	2250	2110	2540	56.7	15.1
<i>CLEARWATER</i>	--		2060	2530	56.5	12.9
2004NZ151	--			2480	47.0	13.1
<i>WAS 4</i>	--			2470	55.2	13.2
<i>WAS 3</i>	--	1930	1840	2450	56.1	14.1
C.V. %	--	11	11	9	2.4	5.0
LSD '@ .10'	--	220	250	360	1.6	0.9
Average	--	2490	2210	2810	48.4	12.8
Highest	--	3010	2670	3410	56.7	15.1
Lowest	--	1930	1840	2450	43.4	11.2

Bickleton Spring Barley – Preliminary Data

1. Grain yield in the Bickleton spring barley trial averaged 2810 pounds/acre, 320 pounds/acre more than the 3-year average for this location. The Bickleton nursery was located about 4 miles east of Bickleton, WA (Steve Matsen, cooperator).

2. This nursery was seeded on 31 March, 2010 following spring wheat. Seed was placed at a 70#/acre seeding rate using a no-till drill equipped with Cross-Slot openers set on 10-inch spacing. Base applied fertilizer was 30#N/acre and an early spring soil test showed an additional 99#N/acre in the top 4 foot profile.

3. Yields ranged from 2450 lb/ac to 3410 lb/ac. Yield values within the LSD range of the highest yield are shown in bold and 3 of the 36 entries are in this top group. Champion was the highest yielding entry. All entries were 2-row and hulless entries are listed in italic.

4. Test weights averaged 48.4 lb/bu and ranged from 43.4 to 56.7 lb/bu with the highest values produced by hulless cultivars.