

2010 WSU EXTENSION SPRING BARLEY NURSERY AT LAMONT, 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
TETONIA	--	--	5390	7270	53.2	12.4	37	175
06WA-406.28	--	--		7220	50.6	12.6	39	172
05WA-316.99	--	--	4990	7040	51.8	12.6	38	173
06WA-458.14	--	--		6840	52.8	13.2	37	174
06WA-426.42	--	--		6750	52.2	13.0	37	173
06WA-406.9	--	--		6680	50.3	13.1	41	173
RADIANT	--	--	5110	6670	51.5	13.4	38	175
06WA-426.49	--	--		6530	51.6	13.1	35	175
CHAMPION	--	--	5200	6510	53.2	13.1	42	174
CDC COPELAND	--	--	4730	6440	50.9	13.3	43	174
06WA-423.21	--	--		6430	50.4	12.7	36	172
06WA-412.4	--	--		6410	53.4	13.3	36	174
LENETAH	--	--	4780	6250	53.1	13.3	36	173
BARONESSE	--	--	4850	6210	52.0	13.0	36	175
2004NZ163	--	--		6200	52.9	13.0	33	176
04WA-113.22	--	--	4850	6160	52.3	13.5	36	171
HARRINGTON	--	--	4700	6150	51.2	13.3	40	175
04WNZ-124	--	--	4610	6150	51.2	13.7	34	176
05WA-316.K	--	--	4940	6150	51.2	12.6	33	173
BOB	--	--	4590	6070	52.8	13.9	37	173
07MB-390	--	--		6040	50.8	14.3	38	174
2004NZ151	--	--		6000	52.0	13.3	34	177
05WA-329.49	--	--	4650	5980	53.6	13.5	40	171
WAS 1	--	--		5920	51.6	14.2	40	171
WAS 2	--	--		5910	53.8	14.5	35	170
AC METCALFE	--	--	4390	5880	52.1	13.4	40	173
06WA-421.23	--	--		5850	49.8	13.7	42	175
PINNACLE	--	--	4110	5750	53.0	12.0	41	170
CDC MEREDITH	--	--		5720	49.5	12.6	40	175
HAXBY	--	--	4470	5670	54.7	13.0	39	172
BENTLEY	--	--		5540	52.3	13.8	44	174
SPAULDING	--	--	4220	5490	52.0	12.7	38	174
<i>WAS 4</i>	--	--		5310	62.0	13.2	34	171
<i>CLEARWATER</i>	--	--	4400	5270	60.0	14.4	39	174
<i>WAS 3</i>	--	--	3430	4730	60.1	14.0	39	173
<i>MERESSE</i>	--	--	3370	4620	61.5	15.0	34	171
C.V. %	--	--	9	6	1.3	5.2	5	1
LSD '@ .10'	--	--	430	520	1.0	1.0	3	1
Average	--	--	4590	6110	53.0	13.3	38	173
Highest	--	--	5390	7270	62.0	15.0	44	177
Lowest	--	--	3370	4620	49.5	12.0	33	170

Lamont Spring Barley – Preliminary Data

1. Grain yield in the Lamont spring barley trial averaged 6110 pounds/acre, 2930 pounds/acre more than last year's average for this location. The Lamont nursery was located 4 miles southeast of Lamont, WA (Gil White, cooperator).
2. This nursery was seeded on 1 April, 2010 following spring wheat. Seed was placed at an 80#/acre seeding rate using a double-disc drill set on 6-inch spacing. Base applied fertilizer was 70#N/acre and an early spring soil test showed an additional 281#N/acre in the top 4 foot profile. Spring seeding and growing conditions were good.
3. Yields ranged from 4620 lb/ac to 7270 lb/ac. Yield values within the LSD range of the highest yield are shown in bold and 4 of the 36 entries are in this top group. Tetonia was the highest yielding entry. All entries were 2-row and hulless entries are listed in italic.
4. Test weights averaged 53.0 lb/bu and ranged from 49.5 to 62.0 lb/bu with the highest values produced by hulless cultivars. Plant height averaged 38 inches and there was no lodging.