

2010 WSU EXTENSION SPRING BARLEY NURSERY AT FARMINGTON, 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 (%)	LODGING (%)	PLANT HT	HEAD DATE
05WA-316.99			7040	7780	49.3	10.7	0	42	175
2004NZ163				7590	51.7	11.9	0	35	178
CHAMPION	6660	6290	7240	7580	51.8	11.3	5	43	172
05WA-316.K			6650	7550	50.0	11.0	0	39	172
06WA-412.4				7550	52.3	10.9	0	39	175
2004NZ151				7450	49.8	11.2	0	36	177
04WA-113.22		6120	6860	7410	51.3	11.8	8	40	172
06WA-421.23				7360	49.6	11.6	10	43	176
06WA-426.49				7310	49.5	11.3	0	44	175
04WNZ-124		6120	6940	7290	48.4	11.6	0	37	178
RADIANT	5910	5540	6690	7190	50.1	10.7	7	41	177
06WA-458.14				7130	51.4	11.4	0	41	175
05WA-329.49			6450	7060	52.1	12.0	23	42	174
LENETAH		5460	6870	7060	53.1	11.5	10	40	174
06WA-426.42				6940	49.6	11.6	8	43	175
06WA-406.9				6930	48.4	11.0	3	44	175
06WA-423.21				6780	49.2	11.3	20	40	173
BARONESSE	5520	5560	6560	6780	50.5	11.2	23	38	175
WAS 2				6760	52.3	11.5	0	37	172
BOB	5460	5240	6090	6730	51.9	11.7	8	42	174
WAS 1				6660	49.5	11.9	20	43	175
CDC MEREDITH				6600	47.7	11.5	0	42	178
07MB-390				6590	48.0	11.4	0	42	175
TETONIA			6590	6570	50.2	11.4	0	37	176
CDC COPELAND		5280	6330	6560	49.3	11.5	0	46	176
06WA-406.28				6440	48.4	11.2	2	40	176
SPALDING	5160	4750	6050	6430	51.2	11.7	0	42	175
AC METCALFE	5130	4940	5710	6320	50.8	11.6	3	45	175
<i>WAS 3</i>		4770	5520	6250	53.5	11.7	0	44	173
<i>WAS 4</i>				6160	59.0	9.9	5	38	172
PINNACLE			5190	6130	50.1	11.4	7	42	169
HARRINGTON	5550	5370	6060	6080	49.2	12.4	20	42	175
<i>MERESSE</i>	4340	4220	4970	6030	57.4	12.6	30	39	172
<i>CLEARWATER</i>			5390	5870	56.9	12.4	8	44	176
BENTLEY				5510	48.0	12.0	0	43	174
HAXBY		3560	4430	5470	52.7	11.7	27	40	175
C.V. %	8	8	7	8	2.3	5.7	248	5	0
LSD '@ .10'	290	360	430	710	1.6	0.9	23	3	1
Average	5470	5308	6180	6770	51.0	11.5	7	41	175
Highest	6660	6290	7240	7780	59.0	12.6	30	46	178
Lowest	4340	3560	4430	5470	47.7	9.9	0	35	169

Farmington Spring Barley – Preliminary Data

1. Grain yield in the Farmington spring barley trial averaged 6770 pounds/acre, 1300 pounds/acre more than the 5-year average for this location. The Farmington nursery was located about one mile south of Farmington, WA (Bruce Nelson, cooperator).
2. This nursery was seeded on 24 March, 2010 following winter wheat. Seed was placed at a 90#/acre seeding rate using a double-disc drill set on 6-inch spacing. Base applied fertilizer was 115#N/acre and an early spring soil test showed an additional 106#N/acre in the top 4 foot profile. Spring seeding and growing conditions were good
3. Yields ranged from 5470 lb/ac to 7780 lb/ac. Yield values within the LSD range of the highest yield are shown in bold and 12 of the 36 entries are in this top group. Champion was the highest yielding named entry. All entries were 2-row and hulless entries are listed in italic.
4. Test weights averaged 51.0 lb/bu and ranged from 47.7 to 59.0 lb/bu with the highest values produced by hulless cultivars. Plant height averaged 41 inches and there was some lodging.