

Table 137. 2012 WSU Variety Testing Barley Trial, Mayview

Variety Name <i>*Hulless Italicized</i>	5 Year Average (Lbs/A)	3 Year Average (Lbs/A)	2 Year Average (Lbs/A)	2012				
				Yield (Lbs/A)	Test Wt (Lbs/Bu)	Protein (%)	Plump (%)	Head Date
Lenetah	4070	4030	3920	<b>3750</b>	54.9	10.9	93	192
Baronesse	3690	3530	3810	3350	54.3	11.2	93	193
Champion	4110	3890	3730	3310	55.5	11.1	92	192
<i>07WA-601.6</i>			3680	3300	54.5	12.0	94	193
<i>05WA-316.K</i>		3880	3860	3280	54.0	11.6	93	193
<i>08WA-107.8</i>				3230	55.0	11.3	95	192
<i>08WA-140.11</i>				3210	54.7	11.4	92	193
Radiant	3660	3390	3420	3210	54.3	11.2	91	192
Bob	3480	3320	3260	3140	54.8	12.1	93	192
CDC Meredith		3230	3320	3100	53.2	11.6	93	192
CDC Copeland	3190	2860	3310	3070	52.8	11.4	94	192
Bentley		3080	3270	3040	52.7	11.9	92	190
2004NZ151	3410	3320	3520	3030	55.1	11.5	95	193
LSC LN09-0920				3010	54.9	11.9	96	194
<i>06WA-412.4</i>		3570		2980	54.6	12.1	90	194
<i>2004NZ170</i>			3380	2970	54.2	12.2	91	195
<i>2004NZ163</i>	3540	3450	3350	2920	55.6	11.9	89	194
<i>05WA-316.99</i>		3550	3470	2900	52.5	12.7	91	194
<i>08WA-137.6</i>				2890	54.3	12.5	93	194
<i>2Ab04-X01084-27</i>			3180	2840	52.2	11.7	89	193
<i>08WA-109.17</i>				2760	53.7	11.9	94	193
<i>X05013-T267</i>				2680	53.4	13.7	96	193
<i>08WA-118.12</i>				2560	53.7	12.5	93	193
Harrington	3320	3000	2970	2460	53.5	12.9	91	193
<i>X05056-T211</i>				2400	61.3	14.3	81	193
<i>07WA-682.1</i>			3040	2180	54.0	12.7	88	192
<i>07WA-614.4</i>			3200	2090	52.1	13.6	88	193
<i>09WA-265.14</i>				1980	<b>62.8</b>	13.2	78	194
<i>Meresse</i>	2760	2700	2250	1600	61.1	15.3	72	193
<i>2Ab09-X06F058HL-23</i>				1320	61.1	16.3	67	195
C.V. %	10	11	9	8	1.4	4.5	3	0
LSD (.10)	150	220	220	250	0.8	0.6	3	1
Average	3520	3390	3370	2820	55.0	12.4	90	193
Highest	4110	4030	3920	3750	62.8	16.3	96	195
Lowest	2760	2700	2250	1320	52.1	10.9	67	190

#### Mayview Spring Barley

1. Grain yield in the Mayview spring barley trial averaged 2820 lbs/acre, 700 lbs/acre less than the 5 year average at this location. The Mayview trial was located about 5 miles south of Lower Granite Dam on the Snake River, or 12 miles northeast of Pomeroy, WA (R. & R. Koller, cooperators).
2. This nursery was seeded on 25 April, 2012 following winter wheat. Seed was placed at a 90 lbs/acre seeding rate using a plot drill equipped with double-disc openers set on 6-inch spacing. Base applied fertilizer was 70 lbs N/acre and a soil test showed 81 lbs N/acre available. Spring seeding and establishment conditions were favorable.
3. Yields ranged from 1320 lbs/acre to 3750 lbs/acre. Yield values within the LSD range of the highest yield are shown in bold and 1 of the 30 entries are in this top group. 'Lenetah' was the highest yielding named variety and 'Champion' was the highest yielding over 5 years at this location. All entries were 2-row and hulless entries are listed in italics.
4. Test weights averaged 55.0 lbs/bu and ranged from 52.1 to 62.8 lbs/bu with the highest values produced by hulless cultivars. Grain protein was high and averaged 12.4%.