

## 2013 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)	2013					
				Yield (Lbs/A)	Test Wt (Lbs/Bu)	Protein (%)	Plant Ht	Plump (%)	Head Date
Lenetah	4120	4070	4060	<b>4370</b>	52.0	10.3	26	94	170
Vespa (LSC LN09-0920)			3650	<b>4290</b>	51.2	10.5	24	96	171
Genie				<b>4240</b>	51.5	10.3	28	96	172
09WA-203.24				<b>4230</b>	52.0	10.6	28	94	172
Champion	4070	3890	3770	<b>4230</b>	52.9	10.1	31	94	168
Odyssey				<b>4220</b>	50.5	9.7	24	96	173
Overature				4140	50.5	9.8	25	95	174
Muir (07WA-601.6)		3830	3720	4140	51.9	11.2	33	95	171
09WA-203.26				4100	52.4	10.2	31	92	173
07WA-682.1		3390	3140	4090	51.7	10.2	32	91	173
Lyon (05WA-316.K)	3920	3930	3670	4060	51.7	10.1	26	95	168
2004NZ163		3580	3480	4040	52.5	11.5	30	88	175
2Ab07-X031098-31				3940	52.0	10.4	31	93	172
09WA-228.13				3930	52.6	10.6	30	93	171
09WA-249.9				3910	51.5	10.6	31	95	172
Baronesse	3650	3830	3600	3860	52.0	11.2	30	93	172
CDC Meredith		3500	3470	3840	50.2	11.0	29	92	172
Bob	3510	3450	3490	3840	52.5	10.8	31	96	168
AC Metcalfe				3720	52.3	11.4	30	94	169
Harrington	3350	3200	3070	3670	51.6	11.2	32	93	171
CDC Copeland	3270	3410	3350	3620	50.3	9.7	33	91	172
2Ab07-X04M219-46				3560	48.0	12.0	32	83	176
2Ab07-X01084-27				3520	49.7	10.8	24	92	169
09WA-231.5				3400	55.8	13.7	29	86	171
<i>X07G19-T270</i>				3270	<b>59.8</b>	12.2	27	67	173
<i>X05013-T1</i>				3250	56.8	13.9	31	77	173
<i>09WA-265.5</i>				3200	<b>60.3</b>	11.5	31	72	175
<i>Meresse</i>	2830	2520	2330	3070	56.9	14.2	26	82	169
<i>X06G07-T43</i>				3050	51.4	12.3	24	77	174
2008NZ004				3020	49.1	12.2	32	94	175
Tradition				3010	50.4	12.2	32	93	171
2008NZ013				2910	48.9	12.9	32	93	173
<i>2Ab09-X06F052HL-28</i>				2630	55.9	15.2	30	92	173
<i>2Ab09-X06F087HL-170</i>				2460	58.2	14.7	31	84	172
<i>2Ab09-X06F058HL-182</i>				2460	55.8	14.4	31	80	176
07MBR1				1850	50.2	15.5	25	94	176
C.V. %	9	7	6	5	1.1	4.2	6	3	1
LSD (.10)	150	160	150	170	0.6	0.5	2	3	1
Average	3570	3560	3450	3590	52.6	11.6	29	90	172
Highest	4120	4070	4060	4370	60.3	15.5	33	96	176
Lowest	2830	2520	2330	1850	48.0	9.7	24	67	168

### Mayview Spring Barley – Preliminary Data

- 1 Grain yield in the 2013 Mayview spring barley trial averaged 3590 lbs/acre, equivalent to the 5 year average at this location. The Mayview nursery was located about 3 miles south of the Lower Granite Dam on the Snake River, or 12 miles northeast of Pomeroy, WA (R. & R. Koller, cooperator).
- 2 This nursery was seeded on 12 April, 2013 following winter wheat. Seed was placed at an 80 lbs/acre seeding rate using a plot drill equipped with double disk openers set on 6-inch spacing. Base applied fertilizer was 75 lbs N/acre. Spring seeding and establishment conditions were favorable.
- 3 Yields ranged from 1850 lbs/acre to 4370 lbs/acre. 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 named variety and was also 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 52.6 lbs/bu and ranged from 48.0 to 60.3 lbs/bu with the highest values produced by hulless cultivars. Grain protein averaged 11.6% and plant height averaged 29 inches with no lodging.