

2014 WSU Variety Testing Barley Trial, Lamont

Variety Name <i>*Hulless Italicized</i>	5 Year Average (Lbs/A)	3 Year Average (Lbs/A)	2 Year Average (Lbs/A)	2014					
				Yield (Lbs/A)	Test Wt (Lbs/Bu)	Protein (%)	Plump (%)	Plant Ht.	Head Date
LCS-Odyssey	--	--	--	2750	52.0	13.7	94	22	164
RWA 1758	--	--	--	2640	51.6	13.6	92	22	163
2Ab04-X01084-27	--	--	--	2630	50.5	13.6	93	22	163
Muir (07WA-601.6)	--	--	--	2580	50.9	13.7	91	21	164
2Ab07-X04M219-46	--	--	--	2580	50.5	13.6	89	25	166
Lenetah	--	--	--	2550	51.9	13.4	90	22	165
10WA-106.18	--	--	--	2480	51.9	13.5	89	24	164
2AB09X06F084-51	--	--	--	2470	49.1	14.5	90	22	165
10WA-105.33	--	--	--	2450	51.2	14.4	91	19	163
2Ab07-X031098-31	--	--	--	2430	52.0	14.1	90	23	166
CDC Meredith	--	--	--	2390	50.9	13.0	93	24	166
09WA-203.36	--	--	--	2360	51.2	13.2	88	22	164
Bob	--	--	--	2350	52.2	14.2	92	24	163
09WA-203.24	--	--	--	2340	51.8	13.0	90	23	164
X06G03-T148	--	--	--	2300	52.2	14.3	90	22	165
LCS-Genie	--	--	--	2280	52.0	13.0	94	24	163
10WA-113.12	--	--	--	2270	50.0	13.3	92	20	165
Baronesse	--	--	--	2270	49.7	14.1	90	21	164
Lyon (05WA-316.K)	--	--	--	2250	51.7	13.8	94	20	162
Champion	--	--	--	2230	52.8	13.5	88	25	164
09WA-228.13	--	--	--	2230	52.8	13.3	92	25	163
09WA-203.21	--	--	--	2200	51.3	13.4	89	22	165
10WA-113.16	--	--	--	2180	50.6	13.1	90	21	162
LCS-Overture	--	--	--	2120	51.5	13.6	93	22	164
LCS-Lamari	--	--	--	2120	52.8	13.4	91	21	162
CDC Copeland	--	--	--	2040	49.9	14.4	89	25	166
<i>X05013-T1</i>	--	--	--	1920	55.4	16.6	78	24	165
LCS-Vespa (LCS LN09-0920)	--	--	--	1900	50.9	14.0	90	21	163
Harrington	--	--	--	1890	51.7	14.1	91	24	164
AC Metcalfe	--	--	--	1820	51.8	15.3	90	24	164
Salute	--	--	--	1810	50.1	14.9	94	22	163
Tradition	--	--	--	1690	51.3	14.8	88	26	164
<i>09WA-265.5</i>	--	--	--	1650	58.1	15.5	64	22	166
<i>X07G30-T131</i>	--	--	--	1610	55.1	16.9	71	23	164
2008NZ006	--	--	--	1570	51.1	15.1	89	24	167
2008NZ013	--	--	--	1540	50.3	15.5	88	25	168
2Ab09-X06F058HL-31	--	--	--	1530	53.7	16.9	76	25	168
<i>X06G07-T43</i>	--	--	--	1360	49.1	17.7	57	20	167
<i>Meresse</i>	--	--	--	1320	53.8	16.3	72	22	163
2008NZ004	--	--	--	1190	50.6	15.5	89	24	164
<i>X0626-T229</i>	--	--	--	1140	56.2	16.9	55	22	162
<i>09WA-265.12</i>	--	--	--	970	56.0	16.6	53	23	165
C.V. %	--	--	--	13	1.5	4.1	4	7	0
LSD (.10)	--	--	--	290	0.8	0.6	3	2	1
Average	--	--	--	2060	51.9	14.5	86	23	164
Highest	--	--	--	2750	58.1	17.7	94	26	168
Lowest	--	--	--	970	49.1	13.0	53	19	162

Lamont Spring Barley

1. Grain yield in the 2014 Lamont spring barley trial averaged 2060 lbs/acre. The Lamont nursery was located about six miles southeast of Lamont, WA (G. White, cooperator).
2. This nursery was seeded on 7 April, 2014 following winter wheat. Seed was placed at a 90#/acre seeding rate using a plot drill set on 7-inch spacing. Base fertilizer was 70#N/acre and a spring soil test showed 190#/acre of soil available N. Spring seeding conditions and establishment were good, but low available soil water and precipitation limited yields.
3. Yields ranged from 970 lbs/acre to 2750 lbs/acre. Yield values within the LSD range of the highest yield are shown in bold and 8 of the 42 entries are in this top group. 'LCS-Odyssey' was the highest yielding entry. Hulless entries are listed in italics.
4. Test weights averaged 51.9 lbs/bu and ranged from 49.1 to 58.1 lbs/bu with the highest values produced by hulless cultivars. Plump grain averaged 86% and ranged from 53% to 94%. Plant height averaged 23 inches with no lodging.