

## 2014 WSU Variety Testing Hard Spring Wheat Trial, Lamont

Variety Name <i>*Hard White Italicized</i>	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2014				
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE
<i>WB-Hartline</i>	--	--	--	34	57.1	15.6	23	163
<i>IDO1202S</i>	--	--	--	33	59.0	13.9	27	165
<i>UC1744</i>	--	--	--	33	56.4	14.4	24	161
<b>WA 8165</b>	--	--	--	32	59.4	15.8	30	163
<b>SAS 4B</b>	--	--	--	32	49.0	15.7	24	169
<b>SAS W4</b>	--	--	--	32	50.3	14.5	27	168
<b>10SB0087-B</b>	--	--	--	31	57.2	14.6	23	163
<b>WA 8218</b>	--	--	--	31	57.3	15.6	28	165
<b>Glee-G2</b>	--	--	--	31	58.5	15.5	24	160
<b>WA 8166 (Alum)</b>	--	--	--	31	58.8	15.4	25	164
<b>Jefferson</b>	--	--	--	31	58.0	16.2	25	161
<i>Oris</i>	--	--	--	30	58.6	14.1	31	163
<i>UC1741</i>	--	--	--	30	55.7	14.6	21	162
<b>Hollis</b>	--	--	--	30	58.8	16.0	28	162
<b>SY Steelhead</b>	--	--	--	28	58.6	15.9	22	164
<i>WA 8216</i>	--	--	--	28	58.3	15.0	30	164
<i>BR7030</i>	--	--	--	27	58.1	15.4	26	166
<b>Glee (WA 8074)</b>	--	--	--	27	58.6	15.8	24	159
<b>Kelse</b>	--	--	--	27	58.0	16.5	27	162
<b>HRS 3361</b>	--	--	--	27	55.8	15.8	24	162
<b>Glee-0W</b>	--	--	--	27	58.7	15.4	25	159
<b>WB9879CLP</b>	--	--	--	26	56.3	16.3	24	164
<b>WA 8217</b>	--	--	--	26	57.8	15.6	27	161
<i>Patwin 515</i>	--	--	--	26	55.8	16.2	16	165
<b>11SB0096</b>	--	--	--	26	56.0	15.6	21	164
<i>Dayn (WA 8123)</i>	--	--	--	26	57.5	15.5	24	166
<b>Scarlet</b>	--	--	--	26	56.4	15.8	27	164
<b>05SB84</b>	--	--	--	25	55.4	15.6	20	165
<b>Bullseye</b>	--	--	--	25	60.3	16.1	20	161
<b>WA 8220</b>	--	--	--	24	58.2	16.3	25	164
<b>LCS-Buck Pronto</b>	--	--	--	24	57.9	16.5	23	160
<i>LCS-Star (08SB0658-B)</i>	--	--	--	24	58.1	14.7	21	162
<i>LCS-Atomo</i>	--	--	--	24	58.2	14.5	19	164
<b>SY605 CL</b>	--	--	--	23	58.6	16.6	22	161
<b>IDO862E</b>	--	--	--	23	58.9	16.5	22	161
<b>WB-Fuzion</b>	--	--	--	23	57.6	16.3	24	162
<b>WA 8219</b>	--	--	--	23	58.7	17.2	26	166
<b>HRS 3419</b>	--	--	--	22	54.6	16.0	25	164
<i>UI-Platinum (IDO694C)</i>	--	--	--	22	59.3	14.5	20	160
<i>UC1743</i>	--	--	--	21	55.2	17.5	20	164
<b>Svevo</b>	--	--	--	14	56.4	16.0	21	165
<b>Soft Svevo</b>	--	--	--	10	56.0	15.7	20	161
<b>C.V. %</b>	--	--	--	11	0.9	4.3	7	0
<b>LSD (.10)</b>	--	--	--	3	0.5	0.7	2	1
<b>Average</b>	--	--	--	27	57.2	15.6	24	163
<b>Highest</b>	--	--	--	34	60.3	17.5	31	169
<b>Lowest</b>	--	--	--	10	49.0	13.9	16	159

### Lamont Hard Spring Wheat

1. Grain yield in the 2014 Lamont hard spring wheat trial averaged 27 bushels/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 an 80#/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. Based on historical yield potential, no additional N was applied to this trial to meet the protein goal for this trial. Spring seeding conditions and establishment were good, but low available soil water and precipitation limited yields.
3. Yields ranged from 10 bushels/acre to 34 bushels/acre. Yield values within the LSD range of the highest yield are shown in bold and 11 of the 42 entries is in this group. The hard white 'WB Hartline' was the highest yielding entry in the trial. No fungicide was applied and no stripe rust was reported.
4. Test weights averaged 57.2 lbs/bu with a range from 49.0 to 60.3 lbs/bu. Grain protein averaged 15.6% with a range of 13.9 to 17.5%. The average plant height was 24 inches with no lodging.