

2014 WSU Variety Testing HR Spring Wheat Trial, Lind

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
SAS 4B				26	54.8	14.9	25	158
SAS W4				26	56.2	14.4	24	158
<i>WA 8216</i>				25	61.9	15.1	27	153
<i>UC1741</i>				25	60.8	14.0	22	152
<i>IDO1202S</i>			24	24	61.5	15.8	26	153
WA 8166 (Alum)		25	22	23	62.3	15.6	24	153
Glee-G2			21	23	62.4	15.3	25	152
WA 8165		24	21	23	62.4	16.0	27	151
05SB84				22	61.1	15.2	23	151
WA 8219				22	62.3	16.6	27	153
10SB0087-B				22	61.6	14.9	24	153
11SB0096			19	22	62.2	15.0	23	152
<i>LCS-Atomo</i>				22	63.7	14.6	20	151
<i>UI-Platinum (IDO694C)</i>			19	22	63.1	14.8	23	151
WA 8220				21	61.7	15.2	25	153
<i>Otis</i>	32	26	23	21	62.7	15.8	27	153
Kelse	30	22	20	21	63.1	16.5	28	152
Glee-0W			20	21	63.2	15.4	26	152
<i>Dayn (WA 8123)</i>	32	22	20	20	61.8	15.5	24	152
WA 8217				20	61.6	16.5	26	152
<i>LCS-Star (08SB0658-B)</i>			18	20	63.4	15.0	22	152
SY Steelhead				20	62.0	17.0	22	153
<i>UC1744</i>				20	62.2	15.5	22	151
WA 8218				20	61.4	16.8	25	154
Jefferson	32	22	20	20	63.6	16.2	23	152
Hollis	30	23	21	20	62.5	15.9	28	152
WB9879CLP			17	20	59.8	16.6	23	154
SY605 CL		20	18	20	63.5	16.8	26	151
<i>BR7030</i>	30	20	19	20	63.5	16.1	25	151
<i>WB-Hartline</i>		22	19	19	63.1	16.5	24	152
HRS 3419				19	62.0	15.1	24	153
Bullseye	30	22	19	19	64.0	15.5	21	152
Glee (WA 8074)	30	21	18	19	64.1	15.7	25	151
WB-Fuzion				19	63.2	17.0	25	152
<i>Patwin 515</i>		17	15	18	62.8	15.6	19	152
Scarlet	31	22	19	18	61.8	17.0	25	153
LCS-Buck Pronto	29	20	18	18	63.4	17.1	23	151
<i>UC1743</i>				17	62.5	17.2	21	151
HRS 3361				16	63.3	16.7	23	153
IDO862E			15	16	64.0	16.7	22	151
Svevo				14	64.1	16.1	20	152
Soft Svevo				14	63.9	16.3	21	152
C.V. %	9	10	9	10	1.9	2.6	4	0
LSD (.10)	1	1	1	2	1.3	0.4	1	1
Average	31	22	19	20	62.3	15.9	24	152
Highest	32	26	24	26	64.1	17.2	28	158
Lowest	29	17	15	14	54.8	14.0	19	151

Lind Hard Spring Wheat

1. Grain yield in the 2014 Lind hard spring wheat trial averaged 20 bushels/acre, 11 bushels/acre lower than the 5-year average. The Lind nursery was located on the WSU Lind Dryland Experiment Station about three miles NE of Lind, WA.
2. This nursery was seeded on 13 March, 2014 following fallow. Seed was placed at a 60#/acre seeding rate using a plot drill set on 6-inch spacing. Base fertilizer was 50#N/acre fall applied at planting and a spring soil test analysis showed 161#N/acre available to meet the hard protein target at projected yield levels. Spring seeding conditions and establishment were good.
3. Yields ranged from 14 bushels/acre to 26 bushels/acre. Yield values within the LSD range of the highest yield are shown in bold and 5 of the 42 entries are in this group. The newly released WSU variety 'Alum' was the highest yielding named entry in this trial. 'Otis', 'Dayn', and 'Jefferson' were the highest yielding over 5 years at this location. No fungicide was applied and no stripe rust reported.
4. Test weights were very good and averaged 62.3 lbs/bu with a range from 54.8 to 64.1 lbs/bu. Grain protein averaged 15.9% with a range of 14.0 to 17.2% and reflected the available N found in the soil test. The average plant height was 24 inches with no lodging.