

2012 WSU Variety Testing Hard 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)	2012				
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE
<i>Otis</i>		38	39	32	61.4	15.4	31	157
WA 8165				30	62.0	17.1	29	156
<i>WA 8163</i>				29	61.0	16.5	29	157
WA 8166				29	61.7	16.7	24	156
Lassik		43	41	28	61.6	15.7	25	155
Hollis	29	36	36	28	61.1	16.7	30	155
WA 8164				28	61.5	16.9	26	154
Scarlet	32	40	38	28	60.3	17.0	26	157
<i>WA 8168</i>				28	60.6	17.2	26	156
Bullseye	30	38	37	28	62.7	16.6	24	155
Kelse	31	37	35	27	60.6	17.7	29	156
LCS- Powerplay			35	27	61.2	16.4	25	155
Jefferson	31	40	38	27	61.8	16.7	26	153
WB-Fuzion	31	36	35	27	60.7	17.9	29	153
<i>WA 8123</i>		40	39	27	60.8	16.5	25	155
Glee (WA 8074)		38	38	26	61.6	16.4	27	152
<i>IDO694</i>				26	61.9	16.0	24	151
WA 8167				26	60.6	17.4	27	156
<i>WB Hartline</i>				26	60.2	17.1	25	154
LCS-ALbany				25	60.0	16.8	25	157
LCS-Buck Pronto	28	36	35	24	60.9	17.1	25	153
V272				23	60.8	15.7	22	159
<i>BR7030</i>		37	38	23	61.0	16.5	26	155
SY605 CL				23	61.4	18.0	26	153
Tara 2002	27	33	32	23	59.9	16.7	27	153
Jedd	20			23	61.8	15.9	24	154
<i>Clear White 515</i>			33	23	59.7	17.2	29	151
Hank	27	32	31	22	60.0	16.0	27	155
Espresso				22	60.2	17.8	23	154
<i>Patwin 515</i>			34	21	59.0	17.4	19	155
C.V. %	7	7	7	9	0.5	1.5	6	0
LSD (.10)	1	1	2	3	0.3	0.3	2	1
Average	29	37	36	26	60.9	16.8	26	155
Highest	32	43	41	32	62.7	18.0	31	159
Lowest	20	32	31	21	59.0	15.4	19	151

Lind Hard Spring Wheat - Preliminary Data

1. Grain yield in the 2012 Lind hard spring wheat trial averaged 26 bushels/acre, 3 bushel/acre lower than the 5-year average. The Lind nursery was located on the WSU Lind Dryland Experiment Station three miles NE of Lind, WA. This nursery was conducted in cooperation with the WSU spring wheat breeding program.
2. This nursery was seeded on 9 March, 2012 following fallow. Seed was placed at a 60#/acre seeding rate using a double-disk plot drill set on 6-inch spacing. Base fertilizer was 50#N/acre and soil test analysis showed ample N available to meet the hard protein target at projected yield levels. Spring seeding and establishment conditions were good.
3. Yields ranged from 21 bu/acre to 32 bu/acre. Yield values within the LSD range of the highest yield are shown in bold and 4 of the 30 entries are in this group. The hard white variety 'Otis' was the highest yielding in 2012 and 'Kelse', 'Jefferson' and 'WB-Fusion' were the highest yielding over 5 years at this location. No fungicides were applied nor stripe rust impact observed in this trial.
4. Test weights were good with an average of 60.9 lbs./bu and ranged from 59.0 to 62.7 lbs./bu. Grain protein averaged 16.8% with a range of 15.4 to 18.0%. The average plant height was 26 inches with no lodging.