

2013 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)	2013				
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE
<i>Otis</i>	32	34	29	25	60.1	15.9	27	160
<i>IDO1202S</i>				23	62.0	16.3	24	159
<i>WA 8163</i>			26	22	60.1	17.3	23	160
WA 8190				22	59.4	16.2	21	160
WA 8166			25	21	61.7	16.8	20	158
Hollis	30	31	25	21	59.9	16.4	26	156
Scarlet	33	32	24	21	58.5	17.4	22	160
WA 8165			25	20	61.1	17.2	22	158
<i>WB Hartline</i>			23	20	60.1	17.2	19	154
<i>WA 8192</i>				19	60.6	15.8	21	157
LCS-Buck Pronto	29	30	22	19	59.3	16.9	20	153
Jefferson	32	32	23	19	59.0	16.8	20	154
<i>Dayn (WA 8123)</i>		32	23	19	61.3	16.6	21	157
Glee-G2				19	61.4	16.7	23	152
Glee-0W				19	61.8	16.4	21	151
Kelse	31	29	23	18	61.5	17.1	24	157
WA 8191				18	59.9	15.4	21	160
Bullseye	31	31	23	18	60.9	17.1	20	154
Lassik	34	34	23	18	61.7	15.9	20	157
IDO862T				18	59.5	17.1	19	153
WA 8164			23	17	61.3	17.0	20	154
<i>BR7030</i>		31	20	17	62.2	15.9	21	153
<i>CO1565W</i>				17	59.9	16.6	22	159
11SB0096				17	58.7	16.0	21	159
Glee (WA 8074)	31	31	22	17	62.5	16.6	22	153
Tara 2002	27	27	19	16	58.3	16.9	21	154
SY605 CL			20	16	58.5	17.6	19	155
<i>08SB0658-B</i>				16	61.9	15.7	18	156
<i>IDO694C</i>				16	58.3	16.1	19	152
UI-Winchester				16	62.2	16.6	20	153
<i>CHBR1481W (Rexon)</i>				15	59.9	16.6	23	151
LNR10-0551				15	61.6	16.8	18	156
WB9879CLP				15	59.9	17.5	21	161
<i>AUBR31059W (Roydon)</i>				14	61.0	16.7	20	150
IDO862E				13	60.9	17.3	20	150
<i>Patwin 515</i>		27	16	11	60.2	17.0	16	156
C.V. %	8	8	10	9	2.6	1.4	8	0
LSD (.10)	1	1	2	2	1.7	0.2	2	1
Average	31	31	23	18	60.5	16.7	21	156
Highest	34	34	29	25	62.5	17.6	27	161
Lowest	27	27	16	11	58.3	15.4	16	150

Lind Hard Spring Wheat – Preliminary Data

1. Grain yield in the 2013 Lind hard spring wheat trial averaged 18 bushels/acre, 13 bushels/acre lower than the 5-year average. The Lind nursery was located on the WSU Lind Dryland Experiment Station three miles NE of the town of Lind.
2. This nursery was seeded on 11 March, 2013 following fallow. Seed was placed at a 60#/acre seeding rate using a double-disc plot drill set on 6-inch spacing. Base fertilizer was 50#N/acre fall applied before planting and a spring soil test analysis showed 150 #N/acre available to meet the hard protein target at projected yield levels. Spring seeding conditions and establishment were good.
3. Yields ranged from 11 bu/acre to 25 bu/acre. Yield values within the LSD range of the highest yield are shown in bold and 2 of the 36 entries are in this group. The hard white variety 'Otis' was the highest yielding in 2013, and 'Lassik' was the highest yielding over 5 years at this location. Fungicide was applied early at jointing as a preventative for stripe rust.
4. Test weights averaged 60.5 lbs/bu with a range from 58.3 to 62.5 lbs/bu. Grain protein was very high probably due to the low yields and averaged 16.7% with a range of 15.4 to 17.6%. The average plant height was 21 inches with no lodging.