

2013 WSU Variety Testing Hard Spring Wheat Trial, Pullman

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>Dayn (WA 8123)</i>		82	80	80	62.9	12.1	34	164
Glee-G2				79	62.1	12.8	35	163
<i>BR7030</i>		73	73	78	62.8	12.1	33	166
Glee (WA 8074)	73	76	78	78	62.4	12.9	35	164
Scarlet	71	74	76	77	61.1	13.1	38	166
WA 8165			78	76	64.0	13.3	44	167
<i>IDO1202S</i>				76	62.9	13.0	38	168
WA 8191				75	62.3	12.2	37	168
Glee-0W				75	62.0	13.0	35	163
<i>WB Harline</i>			75	74	60.6	12.7	35	165
IDO862T				74	62.3	13.3	34	165
Kelse	62	68	72	73	62.3	14.0	37	166
WA 8166			74	73	61.8	12.5	36	168
<i>WA 8192</i>				72	61.2	12.2	37	168
<i>Otis</i>	61	67	75	72	62.0	12.0	41	168
Bullseye	66	72	75	72	63.6	13.1	31	165
11SB0096				72	61.3	12.3	33	167
WA 8164			71	72	61.6	13.5	36	166
UI-Winchester				71	61.7	13.4	33	164
WA 8190				71	60.0	13.3	37	170
<i>IDO694C</i>				71	62.3	12.8	30	163
<i>CO1565W</i>				71	61.9	12.6	38	167
LNR10-0551				71	63.3	12.8	34	168
<i>WA 8163</i>			75	70	61.5	12.8	38	169
WB9879CLP				70	62.0	13.9	36	167
IDO862E				70	62.3	13.6	32	163
Jefferson	66	69	72	70	61.4	12.8	35	166
<i>AUBR31059W (Roydon)</i>				69	62.5	12.5	33	162
LCS-Buck Pronto	72	72	72	69	61.7	12.6	35	166
Lassik	70	70	68	68	62.8	12.3	30	166
Hollis	62	68	70	68	62.2	13.4	44	166
SY605 CL			70	68	63.1	13.5	34	164
<i>08SB0658-B</i>				67	58.7	13.1	30	166
<i>CHBR1481W (Rexon)</i>				67	61.9	12.3	36	162
<i>Patwin 515</i>		70	65	64	59.4	13.3	25	167
Tara 2002	57	63	69	62	61.9	13.4	35	163
C.V. %	6	5	5	5	1.1	3.5	3	0
LSD (.10)	2	2	2	4	0.7	0.5	1	1
Average	66	71	73	72	61.9	12.9	35	166
Highest	73	82	80	80	64.0	14.0	44	170
Lowest	57	63	65	62	58.7	12.0	25	162

Pullman Hard Spring Wheat – Preliminary Data

1. Grain yield in the 2013 Pullman hard spring wheat trial averaged 72 bushels/acre, 6 bushels/acre higher than the 5-year average. The Pullman nursery was located about 2 miles east of Pullman, WA on the WSU Spillman Agronomy Farm.
2. This nursery was seeded on 1 April, 2013 following winter wheat. Seed was placed at a 90#/acre seeding rate using a plot drill equipped with double-disk openers. Base fertilizer was 60#N/acre applied at planting and a spring soil test analysis showed 102#N/acre. 80#N/acre additional fertilizer was applied to meet the hard protein target at projected yield levels. Spring seeding conditions and establishment were good.
3. Yields ranged from 62 bu/acre to 80 bu/acre. Yield values within the LSD range of the highest yield are shown in bold and 7 of the 36 entries are in this group. The hard white 'Dayn' was the highest yielding entry in the trial and 'Glee' was highest yielding over 5-years at this location. Fungicide was applied early and stripe rust was not a factor.
4. Test weights averaged 61.9 lbs/bu with a range from 58.7 to 64.0 lbs/bu. Grain protein averaged 12.9% with a range of 12.0 to 14.0%. The average plant height was 35 inches with no lodging.