

## 2013 WSU Variety Testing Hard Spring Wheat Trial, Farmington

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	LODGING (%)
<i>Dayn (WA 8123)</i>		76	80	91	59.7	12.9	35	0
<i>Otis</i>	74	75	86	91	60.5	12.2	39	0
<b>Bullseye</b>	73	71	78	90	61.2	13.7	31	0
<b>Glee (WA 8074)</b>	76	74	80	90	59.4	13.1	35	0
<b>Glee-0W</b>				85	59.0	13.2	36	0
<b>Glee-G2</b>				85	59.2	13.1	35	0
<b>Kelse</b>	70	70	78	85	59.6	14.6	35	0
<i>BR7030</i>		72	78	84	59.5	13.0	34	0
<i>WA 8192</i>				83	60.3	11.9	35	0
<b>WA 8191</b>				83	60.1	12.5	37	5
<i>CHBR1481W (Rexon)</i>				83	59.5	13.3	37	0
<i>IDO1202S</i>				82	60.8	13.4	36	0
<b>LCS-Buck Pronto</b>	70	67	72	82	59.6	13.4	34	0
<i>AUBR31059W (Roydon)</i>				81	60.0	13.0	33	0
<b>Lassik</b>	68	67	71	81	60.4	13.2	30	0
<i>COI565W</i>				81	59.0	13.9	37	0
<b>WB9879CLP</b>				80	59.6	14.4	36	0
<b>Scarlet</b>	71	70	77	80	58.6	14.2	36	0
<b>Tara 2002</b>	68	66	72	79	59.3	14.1	36	0
<b>WA 8165</b>			74	78	61.4	14.4	48	0
<b>Hollis</b>	68	67	70	78	59.4	14.6	43	0
<i>WA 8163</i>			73	78	60.8	12.9	37	0
<i>WB Hartline</i>	78		78	78	57.8	13.8	34	0
<b>Jefferson</b>	69	65	71	77	59.4	13.9	35	0
<b>WA 8166</b>			76	76	60.0	13.9	37	0
<b>SY605 CL</b>			72	75	60.9	14.8	37	0
<i>08SB0658-B</i>				75	58.1	13.0	31	0
<b>WA 8190</b>				75	59.0	14.1	38	0
<b>UI-Winchester</b>				74	58.3	13.8	34	0
<b>IDO862T</b>				73	60.0	14.2	34	0
<b>11SB0096</b>				73	57.5	13.5	33	0
<i>IDO694C</i>				72	59.2	13.6	31	0
<i>Patwin 515</i>		64	67	72	56.7	14.1	25	0
<b>WA 8164</b>			69	71	59.9	14.0	35	0
<b>IDO862E</b>				69	60.0	14.0	32	0
<b>LNR10-0551</b>				68	60.2	13.7	34	0
<b>C.V. %</b>	8	7	6	4	0.7	3.0	4	1039
<b>LSD (.10)</b>	3	3	3	4	0.5	0.4	1	2
<b>Average</b>	72	69	75	79	59.6	13.6	35	0
<b>Highest</b>	78	76	86	91	61.4	14.8	48	5
<b>Lowest</b>	68	64	67	68	56.7	11.9	25	0

### Farmington Hard Spring Wheat – Preliminary Data

1. Grain yield in the 2013 Farmington hard spring wheat trial averaged 79 bushels/acre, 8 bushels/acre higher than the 5-year average. The Farmington nursery was located about 1 mile south of Farmington, (B. Nelson, cooperator).
2. This nursery was seeded on 18 April, 2013 following winter wheat. Seed was placed at a 90#/acre seeding rate using a no-till plot drill equipped with Cross-slot openers. Base fertilizer was 95#N/acre applied before a spring soil test that showed very high N levels. 50#N/acre additional fertilizer was applied at planting to reach protein for hard wheat at projected yield levels. Spring seeding conditions and establishment were good.
3. Yields ranged from 68 bu/acre to 91 bu/acre. Yield values within the LSD range of the highest yield are shown in bold and 4 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 59.6 lbs/bu with a range from 56.7 to 61.4 lbs/bu. Grain protein averaged 13.6% with a range of 11.9 to 14.8%. The average plant height was 35 inches.