

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

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>WA 8192</i>				89	59.2	13.1	35	180
<b>Glee-G2</b>				86	59.9	14.6	35	178
<b>Glee (WA 8074)</b>	71	77	75	86	60.0	14.5	35	178
<i>AUBR31059W (Roydon)</i>				84	60.6	14.0	33	178
<b>Glee-0W</b>				83	59.8	14.7	35	179
<b>Jefferson</b>	67	69	69	83	59.8	14.9	33	180
<b>Bullseye</b>	69	68	70	82	60.4	14.7	31	180
<b>Scarlet</b>	70	71	71	81	57.2	14.5	35	180
<b>11SB0096</b>				81	58.1	13.6	33	181
<i>Dayn (WA 8123)</i>		72	67	81	58.8	14.1	34	179
<i>IDO1202S</i>				81	60.1	14.2	35	180
<i>WB Hartline</i>			67	81	57.4	15.0	35	180
<b>LCS-Buck Pronto</b>	68	69	70	80	59.6	14.9	34	179
<b>LNR10-0551</b>				80	60.9	13.6	34	181
<b>Kelse</b>	68	68	69	80	59.2	15.4	35	179
<i>Otis</i>	69	68	69	80	59.0	13.7	38	181
<b>UI-Winchester</b>				80	59.3	14.2	32	179
<b>SY605 CL</b>			68	79	60.3	15.2	35	179
<i>BR7030</i>		73	70	79	59.5	13.7	33	180
<i>COI565W</i>				79	59.5	14.4	39	181
<b>WA 8166</b>			66	79	58.9	14.8	34	180
<b>Lassik</b>	70	72	66	78	59.4	14.1	30	180
<b>Hollis</b>	62	67	66	78	59.0	15.6	42	179
<b>IDO862T</b>				77	60.5	14.7	33	179
<i>08SB0658-B</i>				76	57.2	14.1	30	180
<i>CHBR1481W (Rexon)</i>				76	59.7	14.0	35	178
<b>WA 8191</b>				76	59.1	13.8	36	181
<b>WB9879CLP</b>				76	58.8	15.1	34	181
<b>IDO862E</b>				75	59.9	14.6	32	178
<i>Patwin 515</i>		65	62	75	57.3	14.7	27	180
<b>WA 8165</b>			66	75	60.0	15.6	42	180
<i>IDO694C</i>				75	61.1	14.1	28	177
<i>WA 8163</i>			69	74	59.3	14.5	35	181
<b>WA 8164</b>			65	72	59.6	15.2	34	179
<b>Tara 2002</b>	62	62	61	71	60.1	14.7	36	179
<b>WA 8190</b>				70	56.9	15.3	35	181
<b>C.V. %</b>	7	7	8	6	1.1	1.5	3	0
<b>LSD (.10)</b>	2	3	4	5	0.7	0.2	1	0
<b>Average</b>	68	70	68	79	59.3	14.5	34	180
<b>Highest</b>	72	77	75	89	61.1	15.6	42	181
<b>Lowest</b>	62	62	61	70	56.9	13.1	27	177

### Reardan Hard Spring Wheat – Preliminary Data

1. Grain yield in the 2013 Reardan hard spring wheat trial averaged 79 bushels/acre, 11 bushels/acre higher than the 5-year average. The Reardan nursery was located 6 miles west of Reardan, (H. Johnson, cooperator).
2. This nursery was seeded on 24 April, 2013 following winter wheat. Seed was placed at an 80#/acre seeding rate using a no-till plot drill equipped with hoe-type openers. Base fertilizer was 114#N/acre applied at planting and a spring soil test that showed 207#N/acre. Spring seeding conditions and establishment were good.
3. Yields ranged from 70 bu/acre to 89 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. 'Glee-G2', Glee with 2 oz insecticide/100 wt. of seed, 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 59.3 lbs/bu with a range from 56.9 to 61.1 lbs/bu. Grain protein averaged 14.5% with a range of 13.1 to 15.6%. The average plant height was 34 inches with no lodging.