

## 2013 WSU Variety Testing Hard Spring Wheat Trial Summary

### Precipitation Zone >20"

Variety Name	Fairfield	Farmington	Pullman	Average	Fairfield	Farmington	Pullman	Average	Fairfield	Farmington	Pullman	Average
	Yield (Bu/A)				Test Wt (Lbs/Bu)				Protein (%)			
<b>Hard Red Spring</b>												
Glee-G2	69	85	79	<b>77</b>	61.0	59.2	62.1	60.8	13.4	13.1	12.8	13.1
Glee (WA 8074)	65	90	78	<b>77</b>	60.7	59.4	62.4	60.8	13.7	13.1	12.9	13.2
Glee-0W	60	85	75	73	60.7	59.0	62.0	60.6	13.5	13.2	13.0	13.3
Kelse	56	85	73	71	59.7	59.6	62.3	60.6	15.5	14.6	14.0	<b>14.7</b>
WA 8165	58	78	77	71	61.3	61.4	64.0	<b>62.2</b>	15.3	14.4	13.3	14.3
Scarlet	56	80	77	71	59.5	58.6	61.1	59.7	14.7	14.2	13.1	14.0
Bullseye	49	90	72	70	60.7	61.2	63.6	<b>61.9</b>	14.9	13.7	13.1	13.9
WA 8191	52	83	75	70	60.3	60.1	62.3	60.9	13.4	12.5	12.2	12.7
WA 8166	62	76	73	70	60.9	60.0	61.8	60.9	14.9	13.9	12.5	13.7
LCS-Buck Pronto	59	82	69	70	60.5	59.6	61.7	60.6	14.3	13.4	12.6	13.4
WB9879CLP	57	80	70	69	58.9	59.6	62.0	60.2	14.6	14.4	13.9	14.3
Lassik	56	81	69	68	59.4	60.4	62.8	60.9	13.8	13.2	12.3	13.1
Jefferson	57	77	70	68	60.2	59.4	61.4	60.3	14.3	13.9	12.8	13.7
Hollis	56	78	68	67	60.3	59.4	62.2	60.6	14.6	14.6	13.4	14.2
UI-Winchester	56	74	71	67	59.8	58.3	61.7	59.9	13.7	13.8	13.4	13.6
Tara 2002	59	79	63	67	60.8	59.3	61.9	60.7	15.4	14.1	13.4	14.3
WA 8190	51	75	71	65	60.0	59.0	60.0	59.7	15.9	14.1	13.3	<b>14.4</b>
11SB0096	50	73	72	65	57.4	57.5	61.3	58.7	14.4	13.5	12.3	13.4
WA 8164	51	71	72	65	59.3	59.9	61.6	60.3	15.3	14.0	13.5	14.3
IDO862T	46	73	75	65	60.7	60.0	62.3	61.0	15.5	14.2	13.3	14.3
SY605 CL	45	75	68	63	60.5	60.9	63.1	61.5	15.1	14.8	13.5	<b>14.5</b>
IDO862E	44	69	70	61	60.7	60.0	62.3	61.0	15.1	14.0	13.6	14.2
LNR10-0551	45	68	71	61	58.5	60.2	63.3	60.7	15.0	13.7	12.8	13.8
<b>Hard White Spring</b>												
Dayn (WA 8123)	64	91	80	<b>78</b>	59.5	59.7	62.9	60.7	14.0	12.9	12.1	13.0
Otis	71	91	72	<b>78</b>	61.3	60.5	62.0	61.3	12.2	12.2	12.0	12.1
BR7030	66	84	78	<b>76</b>	60.3	59.5	62.8	60.9	13.2	13.0	12.1	12.8
WA 8192	62	83	72	72	60.7	60.3	61.2	60.7	12.7	11.9	12.2	12.3
WB Hartline	64	78	75	72	58.6	57.8	60.6	59.0	13.8	13.8	12.7	13.4
IDO1202S	54	82	76	71	61.0	60.8	62.9	61.5	14.7	13.4	13.0	13.7
WA 8163	63	78	70	71	61.2	60.8	61.5	61.1	13.4	12.9	12.8	13.0
COI565W	54	81	71	69	58.4	59.0	61.9	59.8	14.6	13.9	12.6	13.7
CHBR1481W (Rexon)	55	83	67	68	59.2	59.5	61.9	60.2	14.2	13.3	12.3	13.3
AUBR31059W (Roydon)	54	81	69	68	59.2	60.0	62.5	60.6	14.1	13.0	12.5	13.2
IDO694C	49	72	71	64	59.4	59.2	62.3	60.3	14.7	13.6	12.8	13.7
08SB0658-B	47	75	67	63	57.9	58.1	58.7	58.3	13.0	13.0	13.1	13.1
Patwin 515	49	72	64	61	56.9	56.7	59.4	57.7	14.5	14.1	13.3	14.0
<b>C.V. %</b>	9	4	5	6	0.7	0.7	1.1	0.9	3.8	3.0	3.5	3.5
<b>LSD (0.10)</b>	5	4	4	2	0.4	0.5	0.7	0.3	0.6	0.4	0.5	0.3
<b>Average</b>	56	79	72	69	59.9	59.6	61.9	60.5	14.3	13.6	12.9	13.6
<b>Highest</b>	71	91	80	78	61.3	61.4	64.0	62.2	15.9	14.8	14.0	14.7
<b>Lowest</b>	44	68	63	61	56.9	56.7	58.7	57.7	12.2	11.9	12.0	12.1

## 2013 WSU Hard Spring Wheat Trial Summary Precipitation Zone >20" – Preliminary Data

1. Hard red and white spring wheat grain yield across three locations and 36 entries in the >20" precipitation zone averaged 69 bushels/acre and is higher than the 2012 average of 67 bushels/acre. The CV for the average data is 6, similar to the 2012 CV.
2. Yields among entries averaged across locations ranged from 61 to 78 bushels/acre. 'Glee' and Glee G2 were the highest yielding hard red entries and 'Dayn' and 'Otis' were the highest yielding named hard white entries averaged across locations. Glee-G2 is Glee with 2oz/100lbs seed of Gaucho® insecticide seed treatment targeting wireworms, Glee is the standard seed treatment rate (0.75oz./100lbs. seed) and Glee-0W has no insecticide seed treatment. Glee-0W was significantly lower yielding than the other Glee's with insecticide treatments. Average yield values within the 10% LSD range (2 bushel/acre) of the highest yield are shown in bold and this included 5 of the 36 entries. Stripe rust was not a factor in these trials.
3. Test weight averaged 60.5 lbs/bu across locations and entries and was lower than last year's 61.3 lbs/bu average. Grain protein averaged 13.6% and was higher than last year's 12.7% protein value.