

## 2014 WSU Variety Testing Hard Spring Wheat Trial Summary

### Precipitation Zone 12-16"

Variety Name	Endicott	Lamont	Average	Endicott	Lamont	Average	Endicott	Lamont	Average
	Yield (Bu/A)			Test Wt (Lbs/Bu)			Protein (%)		
<b>Hard Red Spring</b>									
SAS W4	40	31	<b>36</b>	56.3	50.3	53.3	14.8	14.5	14.7
SAS 4B	35	32	33	54.5	49.0	51.7	14.9	15.7	15.3
10SB0087-B	33	31	32	60.2	57.2	58.7	15.5	14.6	15.0
WA 8165	31	32	31	61.4	59.4	60.4	16.9	15.8	16.4
Glee-G2	26	31	29	61.6	58.5	60.1	15.9	15.5	15.7
WA 8218	26	31	29	60.3	57.3	58.8	17.5	15.6	16.5
WA 8166 (Alum)	26	31	29	61.5	58.8	60.2	16.4	15.4	15.9
Hollis	26	30	28	61.0	58.8	59.9	15.1	16.0	15.6
SY Steelhead	27	28	27	61.9	58.6	60.3	16.7	15.9	16.3
Glee (WA 8074)	27	27	27	61.2	58.6	59.9	16.0	15.8	15.9
Jefferson	22	31	27	61.0	58.0	59.5	16.3	16.2	16.3
Glee-0W	25	27	26	61.4	58.7	60.1	15.9	15.4	15.7
WB9879CLP	25	26	26	59.9	56.3	58.1	17.1	16.3	16.7
05SB84	25	25	25	58.4	55.4	56.9	15.3	15.6	15.5
Kelse	21	27	24	60.7	58.0	59.4	17.5	16.5	17.0
WA 8217	21	26	23	60.1	57.8	59.0	16.7	15.6	16.1
11SB0096	21	26	23	59.8	56.0	57.9	15.6	15.6	15.6
HRS 3361	19	27	23	58.6	55.8	57.2	16.8	15.8	16.3
Scarlet	20	26	23	59.4	56.4	57.9	16.6	15.8	16.2
HRS 3419	23	22	22	58.6	54.7	56.6	16.3	16.0	16.2
LCS-Buck Pronto	20	24	22	60.2	57.9	59.0	17.1	16.5	16.8
WA 8220	20	24	22	60.1	58.2	59.2	17.0	16.3	16.6
IDO862E	21	23	22	60.8	58.9	59.8	16.8	16.5	16.7
WB-Fuzion	20	23	22	60.4	57.6	59.0	17.0	16.3	16.6
Bullseye	16	25	20	61.8	60.3	<b>61.1</b>	16.9	16.1	16.5
WA 8219	18	23	20	60.4	58.7	59.5	17.5	17.2	<b>17.4</b>
SY605 CL	16	23	20	60.8	58.6	59.7	17.5	16.6	17.1
<b>Hard White Spring</b>									
WB-Hartline	33	34	<b>34</b>	60.1	57.1	58.6	16.9	15.6	16.3
IDO1202S	27	33	30	61.4	59.0	60.2	15.8	13.9	14.9
WA 8216	31	28	29	61.1	58.3	59.7	16.0	15.0	15.5
UC1744	25	33	29	59.8	56.5	58.1	16.5	14.4	15.5
UC1741	28	30	29	59.2	55.7	57.4	15.0	14.6	14.8
Otis	26	30	28	61.6	58.6	60.1	15.6	14.1	14.8
BR7030	28	27	28	61.3	58.1	59.7	15.7	15.4	15.6
LCS-Atomo	30	24	27	61.2	58.3	59.7	15.3	14.5	14.9
Dayn (WA 8123)	26	26	26	60.9	57.5	59.2	15.9	15.5	15.7
Patwin 515	20	26	23	59.1	55.8	57.5	16.8	16.2	16.5
LCS-Star (08SB0658-B)	21	24	23	61.0	58.1	59.6	15.4	14.7	15.1
UI-Platinum (IDO694C)	24	22	23	62.0	59.3	60.6	15.3	14.5	14.9
UC1743	20	21	21	58.5	55.2	56.9	17.9	17.5	<b>17.7</b>
<b>Durum</b>									
Svevo	6	14	10	58.0	56.4	57.2	16.3	16.0	16.2
Soft Svevo	7	10	8	58.3	56.0	57.1	16.0	15.7	15.9
C.V. %	13	11	12	0.5	0.9	0.7	3.3	4.3	3.8
LSD (0.10)	3	3	2	0.3	0.5	0.3	0.6	0.7	0.5
Average	24	26	25	60.1	57.2	58.7	16.3	15.6	16.0
Highest	40	34	36	62.0	60.3	61.1	17.9	17.5	17.7
Lowest	6	10	8	54.5	49.0	51.7	14.8	13.9	14.7

## 2014 WSU Hard Spring Wheat Trial Summary

### Precipitation Zone 12-16" – Preliminary Data

1. Hard red and white spring wheat grain yield across two locations and 42 entries in the 12-16" precipitation zone averaged 25 bushels/acre and is 28 bushels/acre lower than the 2013 average of 53 bushels/acre. Results from Almira were not included because they were atypical due to low yields and high variability. The CV (12) for the average data is higher than the 2013 CV (9).
2. Yields among entries averaged across locations ranged from 8 to 36 bushels/acre. 'SAS W4' was the highest yielding hard red entries and 'WB-Hartline' was the highest yielding hard white entry averaged across locations. Average yield values within the 10% LSD range (2 bushel/acre) of the highest yield are shown in bold and this included two of the 42 entries. Stripe rust was not a factor in these trials.
3. Test weight averaged 58.7 lbs/bu across locations and entries and was lower than last year's 60.2 lbs/bu average. Grain protein averaged 16.0% and was higher than last year's 13.9% protein value.