

2014 WSU Variety Testing Hard Spring Wheat Trial Summary

Precipitation Zone >20"

Variety Name	Fairfield	Farmington	Average	Fairfield	Farmington	Average	Fairfield	Farmington	Average
	Yield (Bu/A)			Test Wt (Lbs/Bu)			Protein (%)		
Hard Red Spring									
11SB0096	77	67	72	56.1	53.7	54.9	13.1	13.7	13.4
WA 8220	70	71	70	59.2	58.9	59.0	12.9	13.8	13.4
WB9879CLP	72	67	69	58.8	56.6	57.7	13.3	15.5	14.4
Glee-G2	74	62	68	58.2	55.9	57.0	12.6	14.5	13.6
Glee (WA 8074)	75	59	67	57.7	55.5	56.6	13.1	14.3	13.7
WA 8217	65	69	67	58.2	55.4	56.8	14.1	15.1	14.6
10SB0087-B	74	60	67	56.8	53.9	55.4	13.1	16.3	14.7
05SB84	67	66	66	54.4	52.9	53.6	13.2	15.0	14.1
Kelse	73	60	66	58.7	52.8	55.7	13.8	16.9	15.3
SY605 CL	65	67	66	59.9	57.2	58.6	14.7	16.3	15.5
SY Steelhead	76	56	66	59.2	56.3	57.8	14.1	17.1	15.6
IDO862E	65	66	66	59.3	56.3	57.8	14.1	14.7	14.4
Glee-0W	74	56	65	58.3	55.9	57.1	12.8	14.8	13.8
Hollis	70	56	63	56.5	54.1	55.3	14.6	17.3	16.0
WA 8218	71	55	63	56.0	55.7	55.8	13.7	15.3	14.5
Jefferson	68	58	63	57.2	55.1	56.1	13.6	15.3	14.5
WA 8166 (Alum)	70	55	62	55.9	53.3	54.6	13.8	15.6	14.7
WA 8219	65	59	62	60.5	56.7	58.6	14.0	15.4	14.7
Bullseye	64	59	62	59.5	54.3	56.9	14.3	17.2	15.8
HRS 3361	62	60	61	56.1	53.8	54.9	14.2	16.0	15.1
WA 8165	66	56	61	56.8	55.9	56.3	15.4	15.9	15.6
LCS-Buck Pronto	64	58	61	57.4	54.8	56.1	14.8	16.1	15.5
SAS 4B	68	52	60	51.0	48.6	49.8	13.7	17.4	15.6
WB-Fuzion	63	56	60	57.7	54.3	56.0	14.0	15.3	14.6
SAS W4	70	49	59	52.1	46.2	49.1	14.0	15.9	15.0
Scarlet	61	54	58	56.7	52.1	54.4	13.7	16.1	14.9
HRS 3419	62	52	57	53.3	49.7	51.5	14.7	19.0	16.9
Hard White Spring									
LCS-Atomo	95	62	79	58.0	50.2	54.1	11.5	15.4	13.4
LCS-Star (08SB0658-B)	84	63	74	54.9	49.2	52.1	13.0	16.2	14.6
UC1744	80	64	72	55.9	53.8	54.9	13.8	16.1	15.0
UI-Platinum (IDO694C)	83	60	71	58.2	53.3	55.8	12.4	15.0	13.7
WB-Hartline	79	61	70	54.5	53.5	54.0	14.1	16.5	15.3
Dayn (WA 8123)	76	64	70	57.4	54.7	56.1	12.0	14.4	13.2
UC1741	77	59	68	56.0	50.8	53.4	12.6	14.3	13.5
BR7030	70	59	65	56.6	55.4	56.0	13.0	14.4	13.7
UC1743	67	59	63	53.7	51.6	52.6	14.8	16.4	15.6
IDO1202S	67	56	61	59.9	54.4	57.2	13.6	14.2	13.9
WA 8216	69	54	61	57.7	53.8	55.7	12.9	16.4	14.6
Otis	67	52	60	56.6	51.9	54.2	13.6	15.6	14.6
Patwin 515	58	58	58	55.6	50.5	53.1	14.3	16.8	15.6
Durum									
Svevo	40	50	45	57.9	58.7	58.3	14.7	15.8	15.3
Soft Svevo	35	51	43	55.3	57.9	56.6	16.1	16.4	16.3
C.V. %	9	8	9	2.1	2.7	2.4	5.1	8.7	7.4
LSD (0.10)	7	5	4	1.3	1.6	1.0	0.7	1.5	0.8
Average	69	59	64	56.9	53.9	55.4	13.7	15.7	14.7
Highest	95	71	79	60.5	58.9	59.0	16.1	19.0	16.9
Lowest	35	49	43	51.0	46.2	49.1	11.5	13.7	13.2

2014 WSU Hard Spring Wheat Trial Summary

Precipitation Zone >20" – Preliminary Data

1. Hard red and white spring wheat grain yield across two locations and 42 entries in the >20" precipitation zone averaged 64 bushels/acre and is 5 bushels/acre lower than the 2013 average of 69 bushels/acre. The Pullman trial was lost due to severe hail damage. The CV (9) for the average data is higher than the 2013 CV (6).
2. Yields among entries averaged across locations ranged from 43 to 79 bushels/acre. 'WB9879CLP' was the highest yielding hard red entries and 'LCS-Atomo' was the highest yielding hard white entry averaged across locations. Average yield values within the 10% LSD range (4 bushel/acre) of the highest yield are shown in bold and this included one of the 42 entries. Stripe rust was not a factor in these trials.
3. Test weight was very low and averaged 55.4 lbs/bu across locations and entries. Test weight was lower than last year's 60.5 lbs/bu average. Grain protein averaged 14.7% and was higher than last year's 13.6% protein value.