

2012 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 (Lbs/A)				Test Wt (Lbs/Bu)				Protein (%)			
Hard Red Spring												
Scarlet	70	73	76	73	61.1	59.9	60.9	60.7	12.0	13.9	11.2	12.4
Glee (WA 8074)	70	71	78	73	61.8	61.1	61.4	61.4	11.7	13.7	11.5	12.3
WA 8167	68	72	77	72	61.3	60.2	60.4	60.7	12.1	14.0	11.5	12.5
WA 8166	64	77	76	72	62.5	61.1	62.0	61.9	11.8	13.5	11.1	12.1
WA 8165	61	69	79	70	62.9	62.1	62.5	62.5	12.7	14.5	11.7	13.0
Kelse	66	72	70	69	62.2	61.8	61.6	61.8	13.1	14.3	12.0	13.1
Bullseye	63	66	78	69	63.4	63.1	62.9	63.1	12.4	14.2	10.6	12.4
Tara 2002	63	66	75	68	62.0	60.8	61.1	61.3	12.8	14.5	11.7	13.0
Jefferson	61	66	74	67	60.9	60.6	60.6	60.7	13.3	14.1	11.5	13.0
LCS-Powerplay	64	65	73	67	62.8	61.5	61.6	62.0	12.7	14.3	11.1	12.7
LCS-Buck Pronto	62	62	75	66	62.1	61.1	61.3	61.5	13.3	14.6	11.7	13.2
SY605 CL	55	69	72	65	63.0	61.9	61.5	62.1	13.8	14.6	12.6	13.7
WA 8164	59	67	70	65	61.5	61.3	60.3	61.0	13.2	14.4	11.4	13.0
Espresso	63	64	67	65	61.7	61.2	61.5	61.5	13.9	15.4	12.7	14.0
WB-Fuzion	63	66	65	65	61.3	59.9	60.1	60.4	13.1	14.4	12.2	13.3
LCS-ALbany	68	58	67	64	61.3	60.4	61.0	60.9	11.9	13.9	10.8	12.2
Hollis	60	61	72	64	61.0	59.9	60.5	60.5	12.6	15.1	11.9	13.2
V272	60	55	77	64	60.9	61.0	60.4	60.8	11.8	13.3	11.0	12.0
Jedd	57	68	65	64	61.6	61.1	59.8	60.9	12.9	13.3	11.9	12.7
Lassik	59	61	68	63	62.2	61.5	60.5	61.4	12.8	13.5	11.0	12.5
Hank	58	60	61	60	59.6	59.5	58.1	59.1	12.7	14.1	11.8	12.9
Hard White Spring												
WB Hartline	72	78	76	76	60.8	59.3	60.9	60.4	11.4	13.5	10.8	11.9
Otis	68	81	78	75	62.4	62.5	61.4	62.1	10.9	12.0	10.4	11.1
Dayn (WA 8123)	63	68	81	71	62.0	62.2	62.6	62.3	12.0	13.2	10.8	12.0
WA 8163	64	69	79	71	62.7	61.4	62.0	62.1	12.4	13.3	10.9	12.2
BR7030	70	72	68	70	62.7	61.7	62.0	62.1	11.7	12.9	10.9	11.8
WA 8168	63	64	75	68	61.9	61.2	61.9	61.7	13.1	14.0	11.2	12.8
IDO694	60	62	71	65	62.8	62.1	61.9	62.3	12.7	13.2	11.1	12.3
Patwin 515	62	62	66	63	60.9	58.6	59.3	59.6	12.5	14.7	12.2	13.1
Clear White 515	62	60	55	59	60.8	58.8	59.0	59.6	13.4	13.5	12.1	13.0
C.V. %	5	8	4	6	0.3	0.6	1.3	0.8	4.3	2.7	4.7	3.9
LSD (0.10)	3	6	3	2	0.2	0.4	0.8	0.3	0.6	0.4	0.6	0.3
Average	63	67	72	67	61.8	61.0	61.0	61.3	12.6	13.9	11.4	12.7
Highest	72	81	81	76	63.4	63.1	62.9	63.1	13.9	15.4	12.7	14.0
Lowest	55	55	55	59	59.6	58.6	58.1	59.1	10.9	12.0	10.4	11.1

2012 WSU Hard Spring Wheat Trial Summary Precipitation Zone >20" – Preliminary Data

1. Hard red and white spring wheat grain yield across four locations and 30 entries in the >20" precipitation zone averaged 67 bushels/acre and is higher than the 2011 average of 55 bushels/acre. The CV for the average data is 6, lower than the 2011 CV.
2. Yields among entries averaged across locations ranged from 59 to 76 bushels/acre. The hard white 'WB Hartline' was the highest yielding 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 2 of the 30 entries. Stripe rust was not a factor in these trials and fungicide was applied as needed.
3. Test weight averaged 61.3 lbs/bu across locations and entries and was higher than last year's 60.9 lbs/bu average. Grain protein averaged 12.7% and was higher than last year's 11.4% protein value.