2012 WSU Variety Testing Hard Spring Wheat Trial Summary

Precipitation Zone 12-16"

Variety Name	Almira	Endicott	Lamont	Average	Almira	Endicott	Lamont	Average	Almira	Endicott	Lamont	Average
	Yield (Lbs/A)				Test Wt (Lbs/Bu)				Protein (%)			
Hard Red Spring												
WA 8167	52	67	53	**57**	54.9	61.7	61.2	59.3	15.7	14.1	12.9	14.2
Scarlet	46	70	51	**56**	52.8	61.7	60.5	58.4	18.0	13.9	14.2	15.4
Lassik	50	63	48	53	55.6	61.4	61.3	59.5	13.5	14.5	13.8	13.9
Glee (WA 8074)	41	66	49	52	52.4	62.5	61.2	58.7	18.3	13.9	15.1	15.8
LCS-ALbany	52	60	43	52	54.8	61.7	60.2	58.9	16.3	14.4	15.7	15.5
Jefferson	46	66	44	52	54.9	62.0	61.0	59.3	16.7	14.3	14.0	15.0
Bullseye	48	63	45	52	56.5	63.4	62.3	**60.8**	16.6	14.1	13.8	14.8
WA 8164	47	60	46	51	55.1	61.7	61.0	59.3	16.1	14.9	14.2	15.0
WA 8166	41	63	50	51	55.1	63.0	61.1	59.7	16.3	15.0	14.3	15.2
Tara 2002	51	61	42	51	56.4	61.7	60.9	59.7	14.9	14.4	14.2	14.5
SY605 CL	49	56	47	51	57.1	63.3	61.5	**60.6**	18.1	15.3	15.5	**16.3**
LCS-Powerplay	49	60	42	50	55.5	62.9	61.4	59.9	15.2	14.0	13.6	14.3
Hank	47	58	44	50	53.6	61.1	59.5	58.1	15.6	14.0	14.2	14.6
Expresso	49	59	39	49	54.6	60.5	59.9	58.3	17.5	16.1	15.3	**16.3**
WB-Fuzion	50	55	40	48	55.7	61.9	60.5	59.4	15.7	15.1	15.0	15.3
Kelse	43	60	40	48	53.8	60.9	60.6	58.4	17.9	15.4	15.1	**16.2**
WA 8165	37	60	46	48	56.4	62.0	62.1	60.1	19.5	16.1	14.7	**16.8**
Jedd	49	53	41	47	56.1	61.7	61.2	59.7	15.5	13.9	13.6	14.3
Hollis	30	63	47	47	52.5	61.4	60.8	58.2	18.3	15.1	14.1	15.8
LCS-Buck Pronto	39	60	41	46	53.1	62.5	61.2	59.0	16.1	14.9	14.0	15.0
V272	36	53	42	44	55.2	58.8	60.2	58.1	16.9	14.2	13.4	14.8
Hard White Spring												
WB Hartline	46	69	54	**56**	53.9	61.0	59.5	58.2	14.3	14.7	14.5	14.5
IDO694	55	60	42	53	56.2	62.9	61.8	**60.3**	14.5	13.6	14.2	14.1
Dayn (WA 8123)	52	67	39	52	56.7	61.6	60.7	59.7	16.9	13.7	14.4	15.0
BR7030	45	66	46	52	54.1	62.9	61.8	59.6	17.3	13.4	14.4	15.0
WA 8163	46	69	41	52	57.1	62.6	62.2	**60.6**	15.8	13.9	13.1	14.3
Otis	37	65	47	50	54.6	62.5	60.9	59.3	15.5	13.3	13.2	14.0
Patwin 515	43	59	47	50	51.1	61.0	59.4	57.2	17.4	14.6	14.8	15.6
WA 8168	49	55	43	49	54.4	61.6	60.8	59.0	15.0	14.7	14.5	14.8
Clear White 515	41	56	41	46	51.2	61.1	58.6	57.0	16.9	14.8	15.8	15.8
C.V. %	11	6	10	9	2.7	0.8	0.6	1.6	11.4	2.5	5.5	7.9
LSD (0.10)	5	4	5	3	1.6	0.5	0.4	0.6	2.0	0.4	0.8	0.7
Average	45	61	45	50	54.7	61.8	60.9	59.1	16.4	14.5	14.3	15.1
Highest	55	70	54	57	57.1	63.4	62.3	60.8	19.5	16.1	15.8	16.8
Lowest	30	53	39	44	51.1	58.8	58.6	57.0	13.5	13.3	12.9	13.9

2012 WSU Hard Spring Wheat Trial Summary
Precipitation Zone 12-16" – *Preliminary Data*

1. Hard red and white spring wheat grain yield across four locations and 30 entries in the 12-16" precipitation zone averaged 50 bushels/acre and is lower than the 2011 average of 60 bushels/acre. The CV for the average data is 9, higher than the 2011 CV.
2. Yields among entries averaged across locations ranged from 44 to 57 bushels/acre. 'Scarlet' and the hard white 'WB Hartline' were the highest yielding named entries averaged across locations. Average yield values within the 10% LSD range (3 bushel/acre) of the highest yield are shown in bold and this included 3 of the 30 entries. Stripe rust was not a factor in these trials and fungicide was applied as needed.

Test weight averaged 59.1 lbs/bu across locations and entries and was lower than last year's 61.0 lbs/bu average. Grain protein averaged 15.1% and was higher than last year's 11.8% protein value