

2012 WSU Variety Testing Hard Spring Wheat Trial Summary

Precipitation Zone 16-20"

Variety Name	Dayton	Mayview	Reardan	St. John	Walla Walla	Average	Dayton	Mayview	Reardan	St. John	Walla Walla	Average	Dayton	Mayview	Reardan	St. John	Walla Walla	Average
	Yield (Lbs/A)						Test Wt (Lbs/Bu)						Protein (%)					
	Dayton	Mayview	Reardan	St. John	Walla Walla	Average	Dayton	Mayview	Reardan	St. John	Walla Walla	Average	Dayton	Mayview	Reardan	St. John	Walla Walla	Average
Hard Red Spring																		
Glee (WA 8074)	58	46	65	67	78	63	61.0	61.4	61.0	62.1	60.3	61.1	13.6	12.1	14.0	10.2	12.8	12.6
WA 8167	57	34	63	74	73	60	60.5	60.7	59.6	61.0	59.2	60.2	13.5	11.9	14.4	10.3	13.4	12.7
Scarlet	56	39	61	67	71	59	60.2	61.0	59.2	61.1	58.5	60.0	13.4	12.0	14.1	10.5	13.1	12.6
WA 8166	52	43	54	66	73	58	61.9	62.3	58.8	61.8	59.9	60.9	13.9	12.4	14.9	10.4	13.9	13.1
Bullseye	53	37	58	66	73	57	62.7	63.3	61.7	62.4	61.8	62.4	13.9	12.2	14.2	9.7	13.7	12.7
Hollis	54	38	54	61	77	57	60.9	60.8	59.1	61.2	60.3	60.5	13.9	12.8	15.8	11.1	14.5	13.6
Jefferson	54	38	55	62	73	56	60.6	60.7	59.2	60.6	59.8	60.2	13.9	12.6	15.2	11.2	13.2	13.2
Kelse	56	39	58	64	65	56	61.4	62.4	60.4	62.0	59.1	61.1	14.3	12.7	15.3	11.4	13.6	13.5
WA 8165	53	37	58	58	75	56	62.7	62.8	61.3	62.5	62.3	62.4	14.7	13.3	15.2	10.9	14.5	13.7
LCS-Buck Pronto	52	37	60	59	71	56	61.4	62.2	60.8	61.4	60.4	61.2	14.3	12.6	14.5	11.0	13.5	13.2
LCS-Powerplay	54	41	52	60	71	56	62.0	63.1	60.1	62.3	60.8	61.7	14.0	12.4	14.5	10.5	13.3	12.9
WB-Fuzion	48	37	56	54	76	54	60.0	60.4	60.0	61.3	60.0	60.4	15.0	13.1	14.7	10.8	14.5	13.6
SY605 CL	50	37	56	56	72	54	62.1	62.4	61.9	61.9	61.6	62.0	14.6	12.5	15.3	12.0	14.4	13.7
WA 8164	52	34	57	60	68	54	61.1	61.5	60.5	61.7	59.4	60.8	14.2	12.9	15.0	11.3	14.2	13.5
Tara 2002	50	36	52	50	79	53	60.7	61.5	58.8	61.8	60.3	60.6	13.9	12.3	14.5	9.9	13.0	12.7
Lassik	57	35	53	52	66	53	61.7	61.5	59.5	62.1	59.3	60.8	12.7	12.8	14.0	10.2	12.7	12.5
LCS-ALbany	54	33	52	56	68	52	60.1	61.6	58.7	61.4	60.5	60.5	13.9	12.1	14.4	9.6	12.6	12.5
Espresso	52	33	60	55	62	52	60.8	61.5	61.2	61.6	59.2	60.9	14.5	13.7	15.3	11.9	13.4	13.8
V272	58	34	49	53	55	50	60.8	61.7	58.4	60.2	59.5	60.1	13.2	13.4	13.7	9.7	12.3	12.5
Hank	55	24	52	54	63	49	59.9	59.0	58.1	59.3	57.1	58.7	13.8	13.0	14.4	10.6	14.2	13.2
Jedd	50	25	52	45	62	47	61.5	61.7	59.5	62.0	59.6	60.9	13.4	12.7	14.3	10.2	13.5	12.8
Hard White Spring																		
WB Hartline	60	45	54	66	71	59	60.2	61.1	58.1	60.6	58.3	59.7	13.6	11.4	15.0	10.1	12.4	12.5
Otis	53	46	58	61	71	58	61.6	62.3	60.1	62.0	60.4	61.3	12.9	11.6	13.6	9.1	11.7	11.8
BR7030	62	31	60	64	63	56	61.6	63.0	60.3	62.2	59.3	61.3	12.8	11.8	13.6	10.2	13.1	12.3
WA 8163	54	39	63	57	64	55	62.0	62.5	61.7	63.2	61.5	62.2	13.4	12.4	13.6	9.6	12.7	12.4
IDO694	43	36	57	55	80	54	62.4	63.2	60.9	62.7	61.8	62.2	13.5	12.5	13.8	11.1	12.6	12.7
Dayn (WA 8123)	52	32	53	63	69	54	61.1	62.0	59.0	62.0	60.0	60.8	13.3	12.2	14.6	10.1	13.2	12.7
WA 8168	52	34	54	58	67	53	61.6	62.1	60.0	62.3	60.1	61.2	13.7	12.9	14.7	10.1	13.0	12.9
Clear White 515	49	29	56	47	63	49	59.5	60.1	59.7	60.7	58.1	59.6	13.8	12.4	15.1	11.5	13.1	13.2
Patwin 515	52	31	48	50	54	47	60.1	60.7	58.9	60.3	56.4	59.3	14.3	13.0	15.4	11.2	13.0	13.4
C.V. %	6	9	11	9	5	8	0.6	0.5	2.2	0.9	0.9	1.2	1.5	2.6	5.1	7.6	4.9	4.6
LSD (0.10)	3	3	7	6	4	2	0.4	0.3	1.4	0.6	0.5	0.3	0.2	0.3	0.8	0.9	0.7	0.3
Average	53	36	56	59	69	55	61.1	61.7	59.9	61.6	59.8	60.8	13.8	12.5	14.6	10.5	13.3	13.0
Highest	62	46	65	74	80	63	62.7	63.3	61.9	63.2	62.3	62.4	15.0	13.7	15.8	12.0	14.5	13.8
Lowest	43	24	48	45	54	47	59.5	59.0	58.1	59.3	56.4	58.7	12.7	11.4	13.6	9.1	11.7	11.8

2012 WSU Hard Spring Wheat Trial Summary Precipitation Zone 16-20" – Preliminary Data

1. Hard red and white spring wheat grain yield across four locations and 30 entries in the 16-20" precipitation zone averaged 55 bushels/acre and is lower than the 2011 average of 65 bushels/acre. The CV for the average data is 8, similar to the 2011 CV.
2. Yields among entries averaged across locations ranged from 47 to 63 bushels/acre. The newly released WSU variety 'Glee' was the highest yielding named 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 only Glee of the 30 entries. Stripe rust was not a factor in these trials and fungicide was applied as needed.
3. Test weight averaged 60.8 lbs/bu across locations and entries and was nearly equal to last year's 61.0 lbs/bu average. Grain protein averaged 13.0% and was higher than last year's 12.5% protein value.