

2012 WSU Variety Testing Hard Spring Wheat Trial Summary

Precipitation Zone <12"

Variety Name	Bickleton	Connell	Horse Heaven	Lind	Average	Bickleton	Connell	Horse Heaven	Lind	Average	Bickleton	Connell	Horse Heaven	Lind	Average
	Yield (Lbs/A)					Test Wt (Lbs/Bu)					Protein (%)				
Hard Red Spring															
Bullseye	44	28	18	28	29	62.7	60.5	61.9	62.7	61.9	12.4	16.1	16.3	16.6	15.3
WA 8165	39	30	16	30	29	61.2	60.3	61.0	62.0	61.2	14.0	16.9	16.5	17.1	16.1
WA 8166	39	31	17	29	29	60.0	59.2	60.6	61.7	60.4	12.9	16.6	16.0	16.7	15.5
Hollis	37	28	19	28	28	59.3	59.5	60.5	61.1	60.1	13.8	16.3	16.5	16.7	15.8
WA 8167	38	29	18	26	28	57.2	57.8	59.6	60.6	58.8	14.3	16.7	16.5	17.4	16.2
Jefferson	37	30	17	27	28	58.9	58.8	60.1	61.8	59.9	14.9	15.7	16.2	16.7	15.9
WA 8164	41	27	14	28	27	60.3	59.9	60.7	61.5	60.6	12.9	16.6	16.8	16.9	15.8
Lassik	39	28	15	28	27	59.4	59.5	61.2	61.6	60.4	12.5	15.7	15.7	15.7	14.9
Scarlet	39	26	15	28	27	57.8	57.3	59.5	60.3	58.7	13.7	16.3	16.5	17.0	15.9
Glee (WA 8074)	38	29	15	26	27	58.9	60.4	61.5	61.6	60.6	13.7	16.0	16.2	16.4	15.6
WB-Fuzion	39	27	16	27	27	59.5	59.6	60.1	60.7	60.0	12.7	17.1	17.6	17.9	16.3
LCS-Powerplay	37	26	13	27	26	58.1	59.5	60.4	61.2	59.8	14.1	16.0	16.9	16.4	15.9
SY605 CL	37	28	15	23	26	59.8	60.4	61.5	61.4	60.8	14.5	17.2	17.4	18.0	16.8
LCS-ALbany	36	28	13	25	26	59.3	56.6	59.2	60.0	58.8	12.9	15.8	16.2	16.8	15.4
Kelse	34	28	12	27	25	59.0	59.4	60.3	60.6	59.8	14.2	17.1	17.4	17.7	16.6
LCS-Buck Pronto	36	26	14	24	25	58.2	58.9	61.1	60.9	59.8	13.8	16.7	16.8	17.1	16.1
Espresso	38	26	13	22	25	58.6	58.6	59.4	60.2	59.2	14.6	17.3	17.6	17.8	16.8
Tara 2002	40	23	13	23	24	59.3	58.1	58.9	59.9	59.1	13.6	16.7	16.9	16.7	16.0
V272	34	24	15	23	24	59.3	54.9	60.7	60.8	58.9	14.2	15.9	15.9	15.7	15.4
Hank	33	24	14	22	23	57.0	57.1	60.0	60.0	58.5	13.9	15.8	16.2	16.0	15.5
Jedd	36	23	12	23	23	60.4	59.0	60.6	61.8	60.4	12.6	15.4	16.4	15.9	15.1
Hard White Spring															
Otis	38	28	17	32	29	59.9	59.4	60.2	61.4	60.2	12.9	15.0	15.4	15.4	14.7
WA 8163	35	31	17	29	28	60.3	58.6	59.6	61.0	59.9	12.7	16.2	16.5	16.5	15.5
WB Hartline	38	31	14	26	27	57.1	58.4	59.0	60.2	58.7	13.5	16.5	16.3	17.1	15.8
WA 8168	37	26	13	28	26	59.8	58.2	60.3	60.6	59.7	13.9	16.6	16.7	17.2	16.1
BR7030	38	27	14	23	25	60.0	59.6	61.3	61.0	60.5	13.5	15.8	15.9	16.5	15.4
IDO694	37	24	15	26	25	60.5	60.6	61.2	61.9	61.0	13.4	15.6	15.9	16.0	15.2
Dayn (WA 8123)	35	27	12	27	25	59.6	59.6	60.0	60.8	60.0	13.7	16.0	16.1	16.5	15.6
Clear White 515	35	26	14	23	24	58.7	58.8	58.0	59.7	58.8	12.8	16.7	16.7	17.2	15.9
Patwin 515	35	24	13	21	23	58.0	57.4	58.0	59.0	58.1	13.4	17.0	16.8	17.4	16.2
C.V. %	9	6	15	9	9	1.6	0.6	1.0	0.5	1.0	7.8	1.4	1.8	1.5	3.6
LSD (0.10)	3	2	2	3	1	1.0	0.4	0.7	0.3	0.3	1.1	0.2	0.3	0.3	0.3
Average	37	27	15	26	26	59.3	58.9	60.2	60.9	59.8	13.5	16.3	16.5	16.8	15.8
Highest	44	31	19	32	29	62.7	60.6	61.9	62.7	61.9	14.9	17.3	17.6	18.0	16.8
Lowest	33	23	12	21	23	57.0	54.9	58.0	59.0	58.1	12.4	15.0	15.4	15.4	14.7

2012 WSU Hard Spring Wheat Trial Summary Precipitation Zone <12" – Preliminary Data

1. Hard red and white spring wheat grain yield across four locations and 30 entries in the <12" precipitation zone averaged 26 bushels/acre and is lower than the 2011 average of 30 bushels/acre. The CV for the average data is 9, lower than the 2011 CV.
2. Yields among entries averaged across locations ranged narrowly from 23 to 29 bushels/acre. 'Bullseye' was the highest yielding entry averaged across locations. Average yield values within the 10% LSD range (1 bushel/acre) of the highest yield are shown in bold and this included 8 of the 30 entries. Stripe rust was not a factor in these trials and fungicide was applied as needed.

Test weight averaged 59.8 lbs/bu across locations and entries and was lower than last year's 60.6 lbs/bu average. Grain protein averaged 15.8% and was higher than last year's 13.5% protein value.