

2014 WSU Variety Testing Hard Winter Wheat Trial Summary

Precipitation Zone 12-16"

Variety Name	Almira	Lamont	Average	Almira	Lamont	Average	Almira	Lamont	Average
Hard Red Winter	Yield (Bu/A)			Test Wt (Lbs/Bu)			Protein (%)		
UI SRG	67	88	78	55.9	61.6	58.8	13.0	11.3	12.2
Finley	66	86	76	58.6	63.4	61.0	13.8	11.1	12.5
Boundary	60	90	75	57.3	61.9	59.6	12.5	10.7	11.6
WB-Arrowhead	59	91	75	57.4	62.5	59.9	13.1	11.6	12.4
NSA10-7208	77	71	74	56.7	61.2	59.0	12.5	12.0	12.2
Keldin	71	76	73	58.0	63.1	60.6	12.9	12.2	12.6
DAS 1	69	77	73	55.4	60.6	58.0	14.1	12.4	13.3
LCS-Azimut	73	73	73	54.2	59.5	56.8	12.1	10.9	11.5
WA 8181	71	72	72	55.3	61.6	58.4	13.0	12.1	12.5
AP503 CL2	73	69	71	59.4	63.8	61.6	12.3	12.2	12.2
WA 8179	64	78	71	57.0	62.4	59.7	12.7	11.4	12.1
WA 8197	67	69	68	56.6	61.8	59.2	13.0	11.8	12.4
WA 8180	68	68	68	56.5	62.0	59.2	12.7	11.6	12.2
WA 8207	61	74	68	56.6	61.0	58.8	13.0	12.1	12.5
Farnum	61	73	67	55.5	60.3	57.9	14.5	12.2	13.3
DAS 2	61	72	67	57.8	62.6	60.2	13.5	12.0	12.7
Bauermeister	64	68	66	55.7	61.6	58.6	12.9	12.0	12.5
LCS Allezy	69	60	65	55.7	59.4	57.6	12.6	11.5	12.1
Whetstone	53	75	64	57.3	62.9	60.1	13.6	11.3	12.4
WA 8178	61	66	64	56.1	60.9	58.5	13.6	12.1	12.8
WA 8208	57	67	62	53.8	59.6	56.7	12.6	11.0	11.8
LCS Colonia	59	58	59	54.8	58.9	56.8	12.9	12.0	12.5
IDO816	49	65	57	55.2	61.1	58.1	12.7	12.0	12.4
Sprinter (WA 8118)	49	63	56	56.4	61.8	59.1	14.3	12.9	13.6
LCS Evina	59	53	56	55.3	59.1	57.2	14.1	14.0	14.0
Norwest 553	61	47	54	58.2	61.5	59.9	13.0	13.1	13.1
IDO1103	47	61	54	56.7	62.1	59.4	13.7	12.2	13.0
Hard White Winter									
IDO1101	79	77	78	58.6	62.7	60.7	12.8	11.1	11.9
UI Silver	61	78	69	58.2	63.1	60.6	12.7	11.0	11.9
OR2100061H	55	69	62	56.0	61.9	58.9	12.2	11.3	11.7
WA 8158	52	62	57	57.2	60.8	59.0	13.5	13.1	13.3
WA 8184	54	52	53	56.7	61.7	59.2	12.2	13.2	12.7
OR2080156H	50	52	51	56.3	60.9	58.6	13.8	13.4	13.6
OR2080236H	44	51	48	55.7	60.7	58.2	13.5	13.4	13.4
OR2100081H	47	42	45	58.0	61.7	59.9	13.1	13.7	13.4
Soft White Winter									
Eltan	68	80	74	55.0	61.5	58.2	12.6	11.2	11.9
C.V. %	10	8	9	0.8	0.4	0.6	3.6	3.5	3.5
LSD (0.10)	6	6	4	0.5	0.3	0.3	0.5	0.4	0.3
Average	61	69	65	56.5	61.5	59.0	13.1	12.0	12.6
Highest	79	91	78	59.4	63.8	61.6	14.5	14.0	14.0
Lowest	44	42	45	53.8	58.9	56.7	12.1	10.7	11.5

2014 WSU Hard Winter Wheat Trial Summary Precipitation Zone 12-16” – Preliminary Data

1. Hard red and white winter wheat grain yield across two 2014 locations and 36 entries in the 12-16” precipitation zone averaged 65 bushels/acre, 19 bushels/acre lower than the 2013 average of 84 bushels/acre and 32 bushels/acre lower than the 2012 average of 97 bushels/acre. The CV for the average data was 9 numerically the same as the 2013 CV. In general the 2014 trials had no stripe rust, but some locations did have overwinter stand reductions due to cold by some sensitive entries and those are shown as spring stand ratings on individual location summaries.
2. Yields among entries averaged across locations ranged from 45 to 78 bushels/acre and reflected a mostly average growing season. The hard red entries ‘**UI SRG**’, ‘**Finley**’, ‘**Boundary**’ and ‘**WB-Arrowhead**’ were the highest yielding named varieties averaged across locations and were the named varieties in the top 10% LSD range (4 bushels/acre) of the highest yield and are shown in bold.
3. Test weight averaged 59.0 lbs./bu across locations and entries and was numerically the same as last year’s 59.0 lbs./bu average. Grain protein averaged 12.6% and was similar to last year’s 12.5% value.