

2013 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 (%)		
WA 8119	120	82	101	59.7	55.9	57.8	9.7	12.6	11.2		
LCS Colonia	123	73	98	59.7	51.5	55.6	11.2	13.5	12.4		
WA 8181	119	72	95	60.8	56.5	58.7	9.8	12.6	11.2		
Keldin	117	70	93	62.9	58.5	60.7	11.6	13.6	12.6		
LCS-Azimut	121	63	92	59.8	53.3	56.6	10.3	13.3	11.8		
NSA06-4663	112	70	91	61.4	53.9	57.7	10.4	12.9	11.7		
WA 8156	108	71	90	60.5	55.9	58.2	10.9	13.8	12.4		
Boundary	115	64	89	61.3	57.1	59.2	12.3	13.6	13.0		
Bauermeister	109	69	89	60.6	56.2	58.4	10.5	12.8	11.7		
Norwest 553	108	62	85	63.0	57.1	60.0	10.9	14.2	12.6		
DAS 2	104	65	85	62.5	57.7	60.1	12.1	14.2	13.2		
IDO816	107	59	83	61.5	56.8	59.2	11.7	13.3	12.5		
DAS 1	102	63	83	61.2	56.5	58.9	12.4	14.2	13.3		
UI SRG	109	54	82	61.8	56.9	59.3	12.4	14.5	13.5		
JC1103	99	61	80	62.3	57.0	59.6	12.4	14.2	13.3		
Sprinter (WA 8118)	100	60	80	60.9	57.2	59.1	14.4	13.7	14.1		
Farnum	96	64	80	58.3	55.5	56.9	13.3	13.5	13.4		
WA 8179	89	69	79	62.1	57.8	60.0	11.5	13.8	12.6		
WA 8180	96	61	78	61.3	56.9	59.1	11.0	12.4	11.7		
WA 8157	96	58	77	60.1	57.5	58.8	12.1	13.9	13.0		
WB-Arrowhead	100	53	77	62.5	56.7	59.6	11.8	13.6	12.7		
Whetstone	97	56	76	63.3	58.9	61.1	12.4	14.7	13.6		
Finley	89	63	76	62.9	59.2	61.1	12.0	13.3	12.6		
JC1102	99	52	75	61.9	57.5	59.7	12.1	14.0	13.1		
AP503 CL2	93	57	75	64.2	61.0	62.6	12.5	14.6	13.6		
WA 8178	89	58	74	60.0	55.5	57.8	12.6	12.8	12.7		
Genesis	93	32	63	60.3	53.7	57.0	13.4	15.3	14.4		
Hard White Winter											
WA 8159	115	67	91	59.8	55.7	57.8	11.4	13.4	12.4		
WA 8158	100	77	88	61.3	57.5	59.4	11.8	13.6	12.7		
OR2080227H	114	60	87	62.6	56.2	59.5	10.9	12.0	11.5		
OR2080236H	94	77	85	59.3	56.4	57.8	11.2	13.5	12.4		
OR2080229H	106	63	85	61.6	56.0	58.8	11.7	14.4	13.1		
JC1101	96	61	78	62.7	58.0	60.4	11.8	13.8	12.8		
UI Silver	99	55	77	63.5	58.6	61.0	11.2	14.2	12.7		
OR2080156H	89	60	74	61.7	55.9	58.8	12.6	14.8	13.7		
Soft White Winter											
Eltan	124	72	98	60.2	56.0	58.1	11.0	12.0	11.5		
C.V. %	9	8	9	1.0	1.3	1.2	5.8	3.8	4.8		
LSD (0.10)	9	6	5	0.7	0.8	0.5	0.7	0.5	0.5		
Average	104	63	84	61.4	56.6	59.0	11.7	13.6	12.7		
Highest	124	82	101	64.2	61.0	62.6	14.4	15.3	14.4		
Lowest	89	32	63	58.3	51.5	55.6	9.7	12.0	11.2		

2013 WSU Hard Winter Wheat Trial Summary Precipitation Zone 12-16" – Preliminary Data

1. Hard red and white winter wheat grain yield across two locations and 36 entries in the 12-16" precipitation zone averaged 84 bushels/acre, 13 bushels/acre lower than the 2012 average of 97 bushels/acre and 27 bushels/acre lower than the 2011 average of 111 bushels/acre. The CV for the average data was 9 and was lower than the 2012 CV value of 10. In general the 2013 trials had no stripe rust, some frost potential, and variable plant stands at Lamont.
2. Yields among entries averaged across locations ranged from 63 to 101 bushels/acre and reflected a mostly average growing season. The soft white 'Eltan', and hard entry 'LCS Colonia' were the highest yielding named varieties averaged across locations and were the named varieties in the top 10% LSD range (5 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 lower than last year's 61.4 lbs./bu average. Grain protein averaged 12.7% and was higher than last year's 11.4% value.