

2014 WSU Variety Testing SW Winter Wheat Trial, Almira

Variety Name <i>Club Italicized</i>	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2014					
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE	SPRING STAND*
Xerpha	112	114	107	89	56.3	12.9	37	156	8
MelaCL+ (WA 8155)		102	95	83	55.3	12.7	39	157	9
Eltan	107	106	99	79	53.9	13.2	37	157	9
Masami	105	106	99	79	54.5	12.7	36	156	9
Otto	102	105	98	79	54.1	13.6	36	158	8
CuriosityCL+ (WA 8143)		105	98	78	55.9	12.9	38	157	9
<i>Bruehl</i>	113	107	100	77	53.3	13.5	36	157	9
IDN-01-10704A				77	54.4	12.5	36	154	9
WA 8169			101	77	54.0	12.9	34	155	8
<i>4J071366-1</i>				77	54.4	12.6	33	155	9
WB-Junction			98	76	55.6	12.8	34	153	9
Tubbs 06	112	112	98	76	55.4	12.9	36	154	9
ORCF-103	102	103	95	74	55.4	12.5	31	157	9
<i>4J071246-1C</i>			94	73	54.2	12.5	34	156	8
Eltan/Tubbs 06	109	109	99	73	54.4	12.6	37	154	8
<i>ARS010780-3C</i>		102	92	73	55.2	12.7	33	157	8
WA 8199				73	54.5	13.2	33	157	9
Puma		106	98	72	56.1	12.8	36	154	9
<i>Coda</i>	107	98	91	71	55.7	13.5	34	156	8
WA 8170			93	71	56.0	12.6	34	154	8
IDN-02-29001A				71	56.8	12.6	35	154	9
IDN-04-00405B				70	55.5	12.6	31	153	8
ARS-Selbu		104	92	70	56.5	13.5	33	155	8
Bobtail		105	95	68	54.7	11.6	31	155	8
LWW10-1073				68	55.4	13.8	36	155	9
Madsen	108	99	89	67	56.7	13.0	34	155	8
LCS-Biancor				66	55.4	11.3	28	154	7
WA 8200				66	55.7	12.5	34	156	8
WA 8201				66	55.9	11.9	32	156	8
IDO1108DH			94	66	55.0	12.5	35	155	8
Stephens	104	98	88	66	55.2	12.9	31	153	8
Trifecta			86	65	57.0	13.0	33	153	8
ORCF-102				65	56.9	13.3	34	154	8
OR2090473				64	54.7	11.3	29	154	7
WA 8202				64	56.1	12.9	34	155	8
<i>ARS010262-1C</i>				64	54.5	12.8	32	156	8
ARS010729-1L			95	64	56.4	12.5	31	156	8
<i>ARS-Crescent</i>	104	102	89	63	54.0	12.8	32	157	8
IDN-02-08806A				63	56.6	11.8	32	154	9
<i>ARS010679-1C</i>				62	53.8	13.7	32	156	9
ARS-Amber	108	100	87	62	54.1	12.4	30	156	8
LWW12-7105				62	54.1	11.3	27	153	7
Kaseberg		97	90	62	54.8	12.5	30	154	7
<i>Cara</i>	102	96	84	60	53.8	12.5	30	155	8
OR2080641				59	55.5	12.1	30	154	7
Skiles	106	94	80	59	55.1	13.7	29	155	7
Rosalyn (OR2071071)		100	86	58	54.6	11.5	30	156	5
LWW-04-4009		94	81	54	56.1	13.0	31	157	8

*Spring Stand Rating: 0 (no plants) - 9 (full stand)

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				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE	SPRING STAND*
C.V. %	10	7	8	9	0.8	3.7	5	0	10
LSD (.10)	5	4	5	7	0.4	0.5	2	1	1
Average	107	103	93	69	55.2	12.7	33	155	8
Highest	113	114	107	89	57.0	13.8	39	158	9
Lowest	102	94	80	54	53.3	11.3	27	153	5

Almira Soft White Winter Wheat

1. Grain yield in the 2014 Almira soft white winter wheat trial averaged 69 bushels/acre, much lower than the five-year average of 107 bushels/acre. The Almira nursery was located about six miles north of Almira, WA (D. McKay, Cooperator).
2. This nursery was seeded on 13 September, 2013 following fallow. Seed was placed at an 85#/acre seeding rate using a double-disc plot drill with 6-inch row spacing. Base fertilizer was 80#N/acre applied pre-plant. Fall seeding and emergence were adequate. The crop survived cold December temperatures but suffered some stand losses by some entries as reported on the data table.
3. Yields reported ranged from 54 to 89 bushels/acre. All yield values within the 10% LSD range of the highest yield are shown in bold and this included 2 of the 48 entries in this trial. The variety 'Xerpha', was the highest yielding named entry in the trial and 'Bruehl' was the highest yielding across five years. There was no significant stripe rust observed at this location and no fungicide was applied.
4. Test weights were low, likely due to limited available water, and averaged 55.2 lbs/bu and ranged from 53.3 to 57.0 lbs/bu. Grain protein at 12.7% averaged much higher than in 2013 with a range of 11.3 to 13.8%. Plant height averaged 33 inches and there was no lodging.

*Spring Stand Rating: 0 (no plants) - 9 (full stand)