

2013 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)	2013					
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE	LODGING (%)
ARS010729-1L				127	63.6	9.3	39	156	0
Eltan/Tubbs 06	118	126	128	126	60.4	10.4	43	157	0
Puma (WA 8134)		111	124	125	62.0	10.5	41	153	0
WA 8169				125	60.5	10.2	41	157	0
Xerpha	118	123	126	125	61.1	10.5	43	158	0
Mary	123	117	124	125	61.8	10.1	40	156	0
WA 8152			122	124	62.0	11.0	45	157	0
JC1108				123	60.5	9.4	43	157	0
<i>Bruehl</i>	119	121	122	122	59.2	10.2	45	159	0
Tubbs 06	119	122	130	121	59.8	10.6	42	157	0
99-06202A				121	61.0	9.9	41	157	0
Bobtail (OR0807P94)			124	121	59.0	10.3	38	158	0
WB-Junction				120	63.2	9.9	38	155	0
Eltan	113	120	119	120	61.1	8.9	45	160	28
Masami	112	113	120	119	59.7	10.4	42	158	0
WA 8153			117	119	60.9	11.4	43	158	0
Kaseberg (OR2071628)		119	115	119	60.3	9.3	40	156	0
03-29902A				118	61.5	10.6	42	159	0
WA 8143		125	119	118	60.2	10.8	44	160	20
WA 8151			120	118	60.4	9.6	41	157	0
Otto	108	107	118	117	60.8	9.8	45	160	3
OR2080924				117	59.4	10.4	38	157	0
ORCF-103	108	109	117	116	60.7	10.7	41	160	0
<i>ARS-Chrysal</i>		114	119	116	61.6	10.0	45	158	0
<i>ARS-Crescent</i>		108	122	115	60.4	9.6	43	160	3
WA 8170				115	61.7	9.2	42	156	0
<i>4J071246-1C</i>				115	59.5	10.2	44	158	0
<i>ARS010746-2C</i>				114	60.1	11.3	38	159	0
LWW10-1018				114	58.4	10.4	40	159	0
OR2071071 (Rosalyn)			122	114	58.5	10.3	37	158	0
ARS-Selbu (ARS970161-3L)		109	121	113	62.9	10.4	43	158	0
02-10606A				112	60.2	9.6	38	157	0
ARS-Amber		116	119	111	61.6	10.0	41	157	0
WB-528	109	97	117	111	62.0	11.6	36	156	0
<i>ARS010780-3C</i>			116	110	61.8	11.3	44	159	0
<i>Coda</i>	113	112	111	110	62.7	11.6	43	158	0
Madsen	116	114	115	110	61.3	11.3	39	158	0
Stephens	113	108	115	110	61.3	11.5	38	156	0
<i>ARS990077-1C</i>			116	109	61.9	9.4	40	160	0
WA 8171				109	61.3	10.3	43	155	0
<i>Cara</i>	111	103	114	108	60.6	10.7	38	160	0
LWW-04-4009			114	108	62.1	11.0	40	160	0
Trifecta				108	62.6	11.4	37	154	0
WA 8155			112	106	60.9	9.6	44	158	20
<i>ARS98X402-1C</i>				102	62.2	9.7	40	158	0
<i>ARS97230-6C</i>				102	61.5	10.2	39	158	0
Skiles	117	109	112	102	61.2	10.9	38	159	0

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				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE	LODGING (%)
C.V. %	8	9	6	7	1.2	7.5	5	1	448
LSD (.10)	5	6	5	9	0.8	0.8	2	2	7
Average	115	113	119	115	61.0	10.3	41	158	2
Highest	123	126	130	127	63.6	11.6	45	160	28
Lowest	108	97	111	102	58.4	8.9	36	153	0

Almira Soft White Winter Wheat - Preliminary Data

1. Grain yield in the 2013 Almira soft white winter wheat trial averaged 115 bushels/acre, equal to the 5-year average for this location. The Almira nursery was located about 6 miles north of the town of Almira, WA (D. McKay, Cooperator).

2. This nursery was seeded on 13 September, 2012 following fallow. Seed was placed at an 85#/acre seeding rate using a double-disc plot drill set on 6-inch spacing. Base fertilizer was 75#N/acre pre-plant applied. Fall seeding conditions produced good emergence and stand establishment.

3. Yields ranged narrowly from 102 to 127 bushels/acre. All yield values within the 10% LSD range of the highest yield are shown in bold and this included 20 of the 47 entries in this trial. The blend 'Eltan/Tubbs 06' was the highest yielding named entry in the trial and 'Mary' was highest yielding in the 5-year average at this site. There was moderate snow mold incidence and stand loss for susceptible varieties at this location. Snow mold damage assessment ranged from 0 to 65% stand damage after spring green-up. The snow mold assessment can be found on a separate table. It is also probable that some plants at this site experienced damaging frost. There was a low amount of stripe rust potential at this location and fungicide was applied once with the herbicide application.

4. Test weights averaged 61.0 lbs./bu and ranged from 58.4 to 63.6 lbs./bu. Grain protein averaged 10.3% with a range of 8.9 to 11.6%. Plant height averaged 41 inches and there was a minor amount of lodging.