

2012 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)	2012				
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE
Tubbs 06	113	122	122	139	61.0	9.4	43	154
OR2701071				130	59.6	9.2	38	155
Eltan/Tubbs 06	111	115	126	130	61.7	9.1	42	154
<i>ARS-Crescent (ARS970163-4C)</i>		114	105	129	61.6	9.2	43	159
ARS970161-3L			106	129	63.0	10.3	39	155
Rod	114	124	121	128	60.9	8.9	39	155
Xerpha	112	115	122	127	61.8	10.1	43	158
ARS-Amber (ARS960277L)	113	123	119	127	61.3	8.6	40	155
OR08047P94				127	59.6	9.5	39	153
Madsen/Rod	107	115	112	124	61.5	9.6	40	156
WB-528	103	108	91	124	63.3	10.1	40	149
<i>ARS990077-1C</i>				123	61.2	8.8	40	155
Mary (OR2040726)		125	113	123	62.5	10.0	40	151
WA 8134			104	123	62.1	10.2	43	155
<i>ARS010780-3C</i>				122	61.8	9.5	41	158
<i>Bruehl</i>	113	122	121	122	58.8	9.4	41	159
WA 8116		114	109	122	62.4	9.4	37	156
<i>ARS-Chrystal (ARS970075-3C)</i>	109	120	113	122	62.8	10.1	43	154
WA 8151				122	61.3	9.6	39	155
Skiles	113	123	113	121	62.3	9.9	39	151
ARS970277L reselect				121	61.2	9.8	41	157
Masami	106	108	110	121	59.9	9.6	40	159
Madsen	110	120	116	120	62.0	10.2	41	157
<i>Cara</i>	105	115	101	120	60.3	9.4	42	154
WA 8143			129	120	61.7	9.4	40	158
LWW-04-4009				120	62.8	10.1	38	156
Stephens	106	115	107	120	61.6	10.2	40	150
WA 8154				120	62.2	10.1	41	154
ARS970161-2L				119	62.7	9.5	40	155
Eltan	107	112	120	119	61.1	9.0	41	158
<i>ARS010762-2C</i>				119	60.9	9.6	44	156
WA 8152				119	62.1	10.3	44	154
WA 8155				118	61.6	9.6	40	157
<i>Chukar</i>	105	120	110	118	60.3	8.3	41	157
Otto (WA 8092)		105	102	118	61.1	10.0	41	159
WA 8135			115	118	62.9	10.0	41	157
ORCF-102	107	112	106	118	61.7	9.4	43	153
ORCF-103	102	106	105	118	61.7	9.7	41	158
Goetze/Skiles		116	102	116	61.8	9.7	39	148
WA 8137				115	62.0	10.3	39	160
WA 8153				115	62.6	9.3	43	153
WA 8142			108	115	62.6	10.6	41	150
IDO663			110	112	62.2	9.7	38	150
OR2071628			119	112	62.0	9.9	40	153
<i>Coda</i>	106	118	113	112	63.0	9.9	43	154
WA 8136			104	111	59.7	9.3	36	160
OR2070870				109	61.6	10.1	39	156
LCS-Artdeco (NSA06-2153A)			64	94	61.0	9.5	36	148

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				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE
C.V. %	9	10	9	5	0.8	7.4	3	1
LSD (.10)	5	7	8	7	0.5	0.8	1	2
Average	108	116	110	120	61.6	9.7	40	155
Highest	114	125	129	139	63.3	10.6	44	160
Lowest	102	105	64	94	58.8	8.3	36	148

Almira Soft White Winter Wheat

1. Grain yield in the 2012 Almira soft white winter wheat trial averaged 120 bushels/acre, 12 bushels/acre higher than the 5-year average yield. The Almira nursery was located about six miles north of Almira, WA (Dan McKay, cooperator).
2. This nursery was seeded on 13 September, 2011 following spring wheat. Seed was placed at an 85#/acre seeding rate using a double-disc plot drill set on 6-inch spacing. Base fertilizer was 85#N/acre applied pre-plant. Fall seeding conditions were good as were emergence and stand establishment.
3. Yields ranged from 94 to 139 bushels/acre. All yield values within the 10% LSD range of the highest yield are shown in bold. The variety 'Tubbs 06' was the highest yielding entry in the trial, and was the only entry of the 48 entries within the top LSD range. 'Rod' was the top yielding entry across five years of results at this location. 'LSC-Artdeco' came in at the bottom of the trial here but has done well elsewhere. Last year LCS-Artdeco was killed at Almira by snow mold and it could have been hurt some this year too. It appears to be highly sensitive to snow mold. Stripe rust potential at this location was controlled by fungicide applied 5 May at herbicide timing and on 11 June.
4. Test weights were very good averaging 61.6 lbs/bu and ranged from 58.8 to 63.3 lbs/bu. Grain protein averaged 9.7% and ranged from 8.3 to 10.6%. Plant height averaged 40 inches and there was no lodging.