

## 2012 WSU Variety Testing SW Winter Wheat Trial, Mayview

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
LWW-04-4009				107	62.1	9.5	35	165
Tubbs 06	103	112	117	107	60.0	9.0	39	159
ARS-Amber (ARS960277L)	110	119	127	105	60.5	9.7	35	162
<i>Bruehl</i>	104	112	125	104	58.1	8.9	39	166
<i>ARS-Crescent (ARS970163-4C)</i>		116	116	103	60.7	8.9	36	166
ARS970277L reselect				102	60.8	9.8	36	162
ORCF-103	103	111	118	102	59.7	9.3	35	166
Eltan	98	105	121	101	60.7	8.8	36	167
Xerpha	107	113	121	101	61.5	9.7	38	162
WA 8143			123	100	61.0	9.4	37	168
<i>ARS990077-1C</i>				100	60.2	9.5	36	165
Eltan/Tubbs 06	102	107	116	99	60.2	9.0	38	160
OR2701071				99	58.0	9.0	36	160
WB-528	105	112	117	99	62.6	9.8	35	157
WA 8116		121	126	99	61.1	9.7	33	167
Goetze/Skiles		110	116	98	61.1	9.7	34	157
WA 8134			121	98	61.1	9.7	40	161
Skiles	107	114	123	98	61.9	10.5	34	160
ORCF-102	106	115	118	97	61.4	9.0	38	160
<i>Chukar</i>	107	117	114	97	58.7	8.7	36	164
Stephens	98	103	111	97	61.6	9.6	34	158
WA 8155				97	61.2	9.4	37	168
IDO663			117	97	61.8	9.2	34	158
<i>Cara</i>	105	118	119	97	59.2	9.5	33	163
Madsen/Rod	104	112	115	96	60.8	9.8	36	162
WA 8153				96	62.0	10.8	37	161
Rod	104	110	116	96	60.5	9.2	35	163
WA 8154				94	61.8	9.6	36	161
Madsen	102	112	116	94	61.3	9.8	37	164
OR2071628			115	94	59.9	9.4	34	159
WA 8151				94	60.4	9.8	34	162
WA 8137				94	61.8	9.3	36	167
Otto (WA 8092)		114	122	93	60.4	9.1	37	168
Masami	101	107	107	92	59.4	9.0	36	167
WA 8152				92	60.5	10.0	41	163
OR2070870				91	60.8	9.2	34	160
<i>Coda</i>	101	112	113	91	62.7	10.4	37	161
ARS970161-2L				90	61.7	10.1	35	163
<i>ARS-Chrystal (ARS970075-3C)</i>	109	113	117	90	60.4	9.9	34	162
ARS970161-3L			116	89	62.0	9.8	35	163
LCS-Artdeco (NSA06-2153A)			114	89	61.3	9.5	33	157
OR08047P94				88	58.7	9.5	35	160
WA 8136			114	87	58.5	9.9	34	167
Mary (OR2040726)		107	110	85	61.6	10.4	33	158
WA 8142			102	81	62.8	10.6	36	156
<i>ARS010762-2C</i>				78	58.7	9.9	35	163
<i>ARS010780-3C</i>				73	60.6	10.9	35	167
WA 8135			98	73	62.2	10.6	37	167

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				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE
C.V. %	7	6	5	6	0.5	5.3	4	1
LSD (.10)	3	4	4	6	0.3	0.5	1	1
Average	104	112	116	95	60.8	9.6	36	163
Highest	110	121	127	107	62.8	10.9	41	168
Lowest	98	103	98	73	58.0	8.7	33	156

### Mayview Soft White Winter Wheat - Preliminary Data

1. Grain yield in the 2012 Mayview soft white winter wheat trial averaged 95 bushels/acre, 9 bushels/acre lower than the 5-year average yield. The Mayview nursery was located about 3 miles south of the Lower Granite Dam on the Snake River, or 12 miles northeast of Pomeroy, WA (R. & R. Koller, cooperators).
2. This nursery was seeded on 8 October, 2011 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 85#N/acre applied pre-plant. Fall seeding conditions were good as were emergence and stand establishment.
3. Yields ranged from 73 to 107 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 there were 9 of the 48 entries within the top LSD range. `ARS-Amber' was the top yielding entry across five years of results at this location. Stripe rust potential at this location was moderate and fungicide was applied with the herbicide on 7 May.
4. Test weights were good averaging 60.8 lbs./bu and ranged from 58.0 to 62.8 lbs./bu. Grain protein averaged 9.6% and ranged from 8.7 to 10.9%. Plant height averaged 36 inches and there was no lodging.