

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

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	LODGING (%)
Tubbs 06	107	101	106	128	60.5	9.8	40	0
ORCF-103	121	122	119	122	60.2	10.2	39	0
ARS970161-3L			137	120	62.1	10.8	38	0
Eltan/Tubbs 06	113	110	107	120	60.5	10.0	40	0
OR2701071				119	58.1	10.2	37	0
Masami	111	107	112	118	59.9	10.0	39	0
Mary (OR2040726)		116	118	118	61.9	10.1	35	0
WA 8154				118	62.0	10.7	39	0
ARS970161-2L				118	62.0	10.9	40	0
Rod	117	117	120	118	60.3	9.9	38	0
WA 8134			124	117	61.2	10.6	40	0
<i>Chukar</i>	116	122	126	117	59.5	10.6	40	0
LWW-04-4009				116	61.5	10.1	38	0
WA 8151				116	61.2	10.6	38	0
OR2071628			119	115	59.7	10.3	35	0
<i>ARS-Crescent (ARS970163-4C)</i>		114	122	115	60.7	9.9	39	0
<i>ARS990077-1C</i>				115	60.0	10.7	38	0
ORCF-102	123	114	109	114	61.1	10.4	39	0
Xerpha	115	101	102	114	61.0	10.9	38	0
OR08047P94				114	59.5	10.6	35	0
WA 8152				114	61.3	11.4	42	0
Madsen	114	118	122	113	60.9	10.9	39	0
<i>Bruehl</i>	120	119	122	112	58.0	10.4	41	0
WA 8153				112	61.0	10.3	40	0
Stephens	116	116	125	112	61.2	10.7	35	0
LCS-Artdeco (NSA06-2153A)			120	112	60.2	11.0	35	0
<i>ARS-Chrystal (ARS970075-3C)</i>	103	111	113	112	61.0	10.6	40	0
Madsen/Rod	118	115	121	112	60.6	10.3	39	0
WA 8135			116	111	61.7	11.4	41	0
WA 8142			123	111	62.2	11.3	37	0
Skiles	117	117	125	110	61.8	11.7	37	0
ARS-Amber (ARS960277L)	116	118	121	110	61.0	10.2	39	0
<i>ARS010780-3C</i>				110	60.3	11.0	40	0
Eltan	112	113	115	110	60.5	10.0	39	0
Goetze/Skiles		108	111	109	60.6	11.2	36	0
Otto (WA 8092)		118	122	108	60.0	10.6	39	8
WA 8155				108	60.3	10.2	41	32
<i>ARS010762-2C</i>				108	59.7	11.0	44	0
WA 8137				107	62.2	10.6	39	0
ARS970277L reselect				107	61.0	10.4	39	0
WA 8116		116	116	107	60.8	10.7	38	0
WA 8143			122	106	60.4	10.6	40	13
OR2070870				105	60.5	10.9	36	0
<i>Coda</i>	109	116	119	105	62.7	11.6	42	0
IDO663			108	104	61.8	11.1	37	0
WA 8136			119	103	58.3	11.0	36	0
<i>Cara</i>	116	121	127	103	59.7	11.1	36	0
WB-528	112	108	112	101	61.9	11.6	36	0

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				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	LODGING (%)
C.V. %	8	7	6	4	0.6	2.8	4	525
LSD (.10)	4	5	5	5	0.4	0.3	2	6
Average	115	114	118	112	60.7	10.7	39	1
Highest	123	122	137	128	62.7	11.7	44	32
Lowest	103	101	102	101	58.0	9.8	35	0

### Farmington Soft White Winter Wheat - Preliminary Data

1. Grain yield in the 2012 Farmington soft white winter wheat trial averaged 112 bushels/acre, 3 bushels/acre lower than the 5-year average yield. The Farmington nursery was located less than one mile south of Farmington, WA (B. Nelson, cooperator).
2. This nursery was seeded on 29 September, 2011 following dry peas. Seed was placed at an 85#/acre seeding rate using a no-till plot drill equipped with Cross-Slot openers set on 10-inch spacing. Base fertilizer was 114#N/acre applied pre-plant. Fall seeding conditions were good as were emergence and stand establishment.
3. Yields ranged narrowly from 101 to 128 bushels/acre. All yield values within the 10% LSD range of the highest yield are shown in bold. `Tubbs 06' was the highest yielding entry in the trial and was the only entry of the 48 entries within the top LSD range. `ORCF-102' was the top yielding entry across five years of results at this location. Stripe rust potential was low at this location and no fungicides were applied because this site was planned as a no spray site.
4. Test weights averaged 60.7 lbs./bu and ranged from 58.0 to 62.7 lbs./bu. Grain protein averaged 10.7% and ranged from 9.8 to 11.7%. Plant height averaged 39 inches and there was no lodging.