

## 2011 WSU Variety Testing SW Winter Wheat Trial, Mayview

Variety Name <small>*Club Italized</small>	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2011				
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE
Bruneau	112	114	126	153	61.9	10.3	40	171
WA 8116			133	153	61.3	10.0	38	174
WA 8092		110	125	151	58.6	10.2	40	176
ARS960277L (ARS-Amber)			126	149	60.8	9.8	39	172
Skiles		114	122	148	62.5	10.4	37	172
Bruehl	109	107	116	147	59.2	10.3	41	174
ARS970075-3C			125	145	61.1	9.9	41	170
Legion		116	124	145	59.9	10.8	41	170
WA 8143				145	60.8	10.5	40	175
WA 8134				143	60.6	10.2	43	170
ARS970161-3L				143	62.0	10.6	40	173
Xerpha	113	114	119	142	61.7	10.3	40	174
Bitterroot	103	104	116	142	61.9	10.1	41	172
BZ6W02-616		104	119	142	62.8	10.1	37	166
Cara		115	128	141	59.6	10.1	39	174
WA 8136				141	59.3	9.9	37	174
SY Ovation				141	61.4	9.8	39	169
Eltan	102	101	107	140	61.0	10.2	41	176
Cara +25%			129	140	59.9	9.7	38	172
ARS97230-6C				140	61.2	9.6	37	170
OR2070385				140	61.3	10.5	39	171
WA 8144				139	61.5	10.2	45	175
NSA06-2153A				139	60.5	10.1	37	166
ORCF-102	111	111	123	138	61.5	10.0	41	170
Rod/WB-528				138	61.6	10.3	38	167
Madsen	106	111	121	137	61.5	11.0	40	173
IDO663				137	62.1	10.3	38	166
WB-528	110	109	119	136	62.9	10.7	40	166
OR2071628				136	59.9	9.7	39	169
Coda	106	109	122	135	62.9	10.3	42	173
Rod	111	110	117	135	59.7	9.4	38	173
AP Badger				135	59.5	10.1	35	169
Finch	107	108	115	134	62.1	10.2	40	173
ORCF-103	108	109	116	134	60.7	10.2	40	176
OR2040726 (Mary)		108	117	134	61.5	10.1	38	168
Goetze/Skiles			116	134	61.3	11.1	37	167
03PN107#3				134	61.4	9.9	39	169
Madsen/Rod	108	110	120	133	60.5	10.6	39	175
Eltan/Tubbs 06		106	111	133	59.8	10.1	41	171
ID00-475-2DH			112	133	62.0	10.2	39	175
ARS98X402-1C				133	60.8	9.2	39	174
Chukar +25%			125	132	59.7	9.9	40	173
Chukar		118	127	131	60.0	10.1	40	174
WA 8145				131	60.8	10.4	40	167
AP 700 CL	102	103	113	130	61.5	10.6	40	168
Rod/Tubbs 06		110	116	130	59.8	9.7	40	171

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				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE
WA 8094		98	106	130	60.9	10.8	42	176
WA 8114			104	129	<b>62.2</b>	10.1	39	167
ARS970163-4C			123	129	60.5	9.7	40	175
Tubbs 06	108	107	115	127	59.9	9.4	41	170
Brundage 96	105	106	116	126	60.7	9.8	39	168
96-16702A				126	<b>62.7</b>	9.9	41	168
Stephens	103	103	106	125	61.4	10.6	38	166
Sunrise (Soft Red)			99	124	60.8	10.0	42	169
WA 8135				124	<b>62.7</b>	10.8	40	174
Masami	108	107	114	123	59.4	10.1	39	173
WA 8142				123	<b>62.3</b>	10.6	39	168
UICF-Brundage	102	103	110	120	60.8	9.8	39	170
Lambert	99	96	104	119	59.7	10.7	41	168
AP Legacy		99	101	109	57.6	9.3	42	171
C.V.	11	9	7	4	0.8	4.3	3	1
LSD	6	8	10	11	1.0	0.8	2	3
Average	107	108	117	135	60.9	10.2	40	171
Highest	113	118	133	153	62.9	11.1	45	176
Lowest	99	96	99	109	57.6	9.2	35	166

### Mayview Soft White Winter Wheat – Preliminary Data

1. Grain yield in the Mayview soft white winter wheat trial averaged 135 bushels/acre, 28 bushels/acre more than the 5-year average. The Mayview nursery was located about five miles south of Lower Granite Dam on the Snake River, or 12 miles northeast of Pomeroy, WA (R. & R. Koller, cooperators).
2. This nursery was seeded on 12 October, 2010 following summer fallow. Seed was placed at an 85#/acre seeding rate using a double disc plot drill set on 6-inch spacing. Base fertilizer was 89#N. Fall seeding conditions were favorable and emergence and stand establishment were good.
3. Yields ranged from 109 to 153 bu/ac. All yield values within the 10% LSD range of the highest yield are shown in bold. Bruneau was the highest yielding cultivar in the trial, and 14 of the 60 entries in the trial were within the top LSD range. Xerpha was the top yielding entry across five years of results at this location. Stripe rust potential was high at this location and fungicide was applied the second week in May. Stripe rust was evident in this trial later in the season and impact on yield is estimated to be 10% or more for susceptible entries. The Lattice design was 142% efficient compared to an RCBD.
4. Test weights were good with an average of 60.9 lb/bu. Grain protein averaged 10.2% with a range of 9.2 to 11.1%. Plant height averaged 40 inches with no lodging.