

2013 WSU Variety Testing SW Winter Wheat Trial, Pullman

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 (%)
OR2080641				156	60.8	9.5	41	159	0
Mary	139	134	120	154	61.6	10.0	40	158	0
JC1108				153	59.4	9.1	43	161	0
WA 8151			135	152	60.2	9.5	41	160	0
Bobtail (OR0807P94)			132	151	58.3	9.5	36	160	0
<i>ARS-Crescent</i>		145	131	150	59.4	9.6	41	163	0
WA 8171				148	60.3	9.6	44	159	0
Tubbs 06	144	143	135	148	60.3	9.1	43	159	0
Bruneau				148	60.0	9.4	42	160	0
99-06202A				148	60.4	9.4	41	160	0
03-29902A				147	60.2	9.5	41	163	0
ARS010729-1L				147	62.2	10.2	39	160	0
ARS-Selbu (ARS970161-3L)		142	125	147	62.4	10.2	41	161	3
<i>ARS990077-1C</i>			128	146	59.9	8.8	39	163	0
<i>4J071246-1C</i>				146	57.9	9.5	45	164	0
WA 8175				146	60.3	9.3	46	160	0
Kaseberg (OR2071628)		144	129	146	60.0	9.1	39	159	0
02-10606A				146	60.2	9.2	42	160	0
WA 8174				145	60.5	9.8	45	160	0
Xerpha	142	140	128	144	60.1	8.9	42	161	0
WA 8172				144	60.4	9.6	47	159	13
<i>ARS010746-2C</i>				144	60.7	9.7	38	164	0
Stephens	144	146	131	144	60.3	10.4	38	159	0
LWW10-1018				142	58.3	9.8	42	163	0
ORCF-103	141	137	128	142	60.2	9.1	42	163	0
<i>ARS97230-6C</i>				142	60.5	9.5	38	161	0
WA 8173				142	59.1	9.2	44	161	8
OR2071071 (Rosalyn)			127	142	56.0	9.4	39	161	0
WA 8154			129	142	61.1	10.0	44	161	0
LCS-Artdeco (NSA06-2153A)		139	123	142	59.8	9.6	37	158	0
Puma (WA 8134)		145	128	141	60.4	9.6	47	161	2
Legion				141	59.5	9.5	42	159	8
SY Ovation				140	60.9	9.7	39	158	0
WA 8155			127	140	60.5	8.7	45	164	0
LWW-04-4009			130	140	60.5	9.5	40	164	0
Masami	137	132	123	139	59.6	9.5	43	164	0
Eltan	142	144	124	139	60.3	9.5	44	166	0
OR2080924				138	57.6	9.8	40	160	0
WA 8153			124	138	60.6	9.5	45	160	0
AP Legacy				137	60.3	9.5	43	159	0
<i>ARS-Chrystal</i>		141	122	137	60.4	9.8	45	161	2
<i>ARS010780-3C</i>			122	137	60.0	10.9	43	165	0
WB 523				137	61.9	9.8	40	160	0
AP 700 CL				136	60.7	9.8	41	159	0
Madsen	141	143	124	136	60.1	9.9	40	165	0
Trifecta				136	62.0	9.9	38	158	0
<i>Coda</i>	139	136	120	134	61.4	9.8	45	163	0

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				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE	LODGING (%)
WB-Junction				134	62.2	10.0	37	157	0
<i>ARS98X402-1C</i>				134	59.0	9.7	44	162	0
<i>Cara</i>	141	138	116	133	59.3	9.8	39	161	0
Skiles	137	137	118	133	61.0	10.4	39	163	0
<i>Bruehl</i>	139	140	119	133	57.4	9.3	44	166	0
WA 8176				133	59.6	9.7	42	164	3
WB-528	142	139	123	132	61.8	9.8	39	157	0
ARS-Amber		142	123	131	59.7	9.2	43	161	0
Ladd (OR2070870)			114	130	59.6	10.0	40	161	0
WB 456				128	62.4	11.7	38	158	0
WA 8142		130	115	128	60.9	10.1	38	159	0
WB-1070CL				113	63.0	11.2	36	157	0
C.V. %	6	6	6	5	0.9	5.9	4	0	603
LSD (.10)	4	5	5	7	0.5	0.6	2	1	4
Average	143	144	125	141	60.2	9.7	41	161	1
Highest	161	172	135	156	63.0	11.7	47	166	13
Lowest	129	130	114	113	56.0	8.7	36	157	0

Pullman Soft White Winter Wheat - Preliminary Data

1. Grain yield in the 2013 Pullman soft white winter wheat trial averaged 141 bushels/acre, close to the 5-year average for this location. The Pullman nursery was located about 3 miles southeast of Pullman, WA (R. Druffel, Cooperator).
2. This nursery was seeded on 8 October, 2012 following chickpeas. Seed was placed at a 95#/acre seeding rate using a double disc plot drill set on 6-inch spacing. Base fertilizer was 120#N/acre pre-plant applied by the cooperator. Fall seeding conditions were dry, but establishment and winter survival were good.
3. Yields ranged from 113 to 156 bushels/acre. All yield values within the 10% LSD range of the highest yield are shown in bold and this included 6 of the 59 entries in this trial. `Mary' was the highest yielding named entry in the trial and `Tubbs 06' was highest yielding in the 5-year average at this site. It is 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 twice, with the herbicide application and at flag leaf.
4. Test weights averaged 60.2 lbs./bu and ranged from 56.0 to 63.0 lbs./bu. Grain protein averaged 9.7% with a range of 8.7 to 11.7%. Plant height averaged 41 inches and there was a slight amount of lodging.