

2013 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)	2013				
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE
Tubbs 06	112	121	119	131	59.9	10.0	38	155
Mary	108	117	108	130	61.2	10.0	35	152
WA 8173				126	60.0	10.1	36	155
LCS-Artdeco (NSA06-2153A)		117	106	124	59.1	9.5	34	153
<i>Bruehl</i>	110	125	113	123	57.1	9.4	41	159
ARS010729-1L				122	62.2	10.0	34	156
WA 8176				121	60.5	9.3	35	156
WA 8171				121	60.9	10.3	38	155
02-10606A				120	60.9	10.2	37	156
LWW10-1018				120	58.9	9.7	37	155
OR2080641				120	60.2	10.2	34	155
Xerpha	112	121	110	119	60.9	10.4	38	155
Legion				119	59.8	9.8	37	155
ORCF-103	110	118	110	119	59.8	9.7	37	156
WA 8154			106	119	60.7	10.8	32	156
Eltan	104	120	110	119	60.7	10.4	38	158
LWW-04-4009			113	118	61.0	10.1	34	157
WA 8153			107	118	61.4	10.1	36	154
ARS-Amber		124	111	118	60.2	10.4	36	157
03-29902A				117	60.8	9.9	37	157
Puma (WA 8134)		119	108	117	60.3	10.1	40	155
WA 8151			105	117	60.3	9.9	36	157
AP Legacy				117	60.9	9.4	38	154
<i>ARS-Crescent</i>		116	109	116	59.1	10.1	36	160
WA 8172				116	60.9	10.3	39	155
SY Ovation				115	61.5	9.8	39	154
<i>4J071246-1C</i>				115	58.5	9.8	40	158
Kaseberg (OR2071628)		115	104	115	59.9	10.2	34	153
Ladd (OR2070870)			103	114	60.1	10.7	34	155
WB-Junction				114	60.7	9.9	36	151
<i>ARS97230-6C</i>				114	60.2	9.5	35	156
JC1108				114	58.6	9.0	38	157
OR2080924				113	58.3	10.4	36	154
<i>Coda</i>	106	113	102	113	61.4	10.2	39	157
WB-1070CL				112	62.6	11.6	35	150
WA 8174				111	60.1	10.3	36	154
AP 700 CL				111	60.9	11.0	34	155
WB-528	107	115	105	111	61.6	10.2	35	155
Bobtail (OR0807P94)			99	110	58.0	10.2	34	155
WA 8155			104	110	60.3	9.8	39	156
Madsen	107	114	102	110	60.3	11.0	36	156
WA 8175				109	60.3	10.1	36	155
ARS-Selbu (ARS970161-3L)		114	99	109	61.9	11.2	38	156
<i>ARS990077-1C</i>			104	109	60.0	10.5	35	159
OR2071071 (Rosalyn)			103	108	57.5	9.9	33	154
Trifecta				108	61.4	10.0	33	156
99-06202A				107	60.7	10.1	35	156

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				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE
Skiles	110	118	103	107	60.7	11.6	35	155
Masami	104	107	99	105	59.4	9.6	35	157
Bruneau				105	61.1	10.1	36	156
<i>ARS-Chrystal</i>		113	98	105	59.6	9.5	37	157
Stephens	102	109	101	105	60.9	9.9	32	152
<i>ARS010780-3C</i>			88	102	59.8	11.6	38	156
WB 456				102	61.3	12.0	32	153
<i>ARS010746-2C</i>				98	59.9	10.6	33	159
WB 523				98	61.2	11.3	33	156
<i>Cara</i>	107	111	96	96	58.4	10.7	34	158
WA 8142		99	86	92	61.5	11.2	35	154
<i>ARS98X402-1C</i>				75	59.8	10.8	36	156
C.V. %	6	5	6	6	0.6	4.7	4	1
LSD (.10)	3	4	5	7	0.4	0.5	2	1
Average	106	117	104	113	60.3	10.2	36	155
Highest	116	132	119	131	62.6	12.0	41	160
Lowest	87	99	86	75	57.1	9.0	32	150

Mayview Soft White Winter Wheat - Preliminary Data

1. Grain yield in the 2013 Mayview soft white winter wheat trial averaged 113 bushels/acre, 7 bushels/acre more than the 5-year average for this location. 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 3 October, 2012 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 pre-plant applied. Fall seeding conditions produced good emergence and stand establishment.
3. Yields ranged from 75 to 131 bushels/acre. All yield values within the 10% LSD range of the highest yield are shown in bold and this included 4 of the 59 entries in this trial. The OSU variety `Tubbs 06' was the highest yielding named entry in the trial and tied `Xerpha' is 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 once.
4. Test weights averaged 60.3 lbs./bu and ranged from 57.1 to 62.6 lbs./bu. Grain protein averaged 10.2% with a range of 9.0 to 12.0%. Plant height averaged 36 inches with no lodging.