

2009 WSU EXTENSION SOFT WHITE WINTER WHEAT NURSERY AT MAYVIEW, WA.

Variety Name <small>*Club Italicized</small>	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2009					
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	LODGING (%)	PLANT HT	HEAD DATE
XERPHA	108	109	98	102	61.1	10.6	0	31	159
ARS970170-2L				102	61.7	10.5	0	34	159
OR2060324				101	58.3	9.9	0	29	161
<i>CHUKAR</i>	92		91	99	60.0	9.9	0	31	160
SKILES			95	99	61.7	11.8	0	32	158
LEGION			97	99	60.8	10.4	0	34	158
ROD/TUBBS06			96	98	60.8	10.6	0	34	158
ROD	108	107	94	96	60.7	10.3	0	30	158
STEPHENS	99	100	91	95	60.8	10.3	0	30	154
ORCF-103		103	91	95	61.0	10.7	0	30	161
WA008065			92	95	62.8	10.8	0	31	156
FINCH	101	101	90	94	62.6	10.3	0	30	161
MASAMI	104	104	93	94	60.2	10.1	0	33	160
WA008063			90	94	61.9	11.3	0	29	155
AP LEGACY			98	94	61.4	10.4	0	33	158
ELTAN/TUBBS06			95	94	61.0	10.7	0	33	158
WA008066			89	93	62.3	10.5	0	31	162
ORCF-101	102	102	91	92	60.7	11.2	0	31	158
TUBBS 06		103	89	92	60.7	10.4	0	34	158
GEORGE	92	100	92	92	61.0	11.1	0	31	161
WA008064			90	91	61.9	11.0	0	29	154
<i>ARS970071-3C</i>				91	61.7	10.7	0	33	157
<i>BRUEHL</i>	104	104	93	90	59.5	10.9	0	35	161
MADSEN	98	96	87	90	61.2	11.2	0	31	160
WB-528	106	104	94	90	62.3	11.0	0	30	153
MADSEN/ROD		101	92	90	60.8	10.7	0	29	159
9364901A		103	91	90	61.6	10.4	0	31	158
ELTAN	93	99	89	89	61.4	11.0	0	32	161
SALUTE		100	88	89	60.0	10.2	0	33	156
ID02-859		97	86	89	60.4	10.1	0	29	158
OR2050293				89	60.6	10.7	0	30	157
OR2040726				89	61.5	10.2	0	29	155
<i>CARA</i>	84		85	88	59.8	10.2	0	29	160
WB 523		102	89	88	61.8	10.7	0	32	156
RJAMES	104	102	90	88	60.5	10.2	0	28	159
KCF08001				88	61.4	11.1	0	31	153
ORCF-102	104	103	93	87	61.7	11.1	0	32	158
WB 1070M				87	63.1	11.1	0	29	152
BRUNDAGE 96	91	98	86	85	60.4	10.3	0	30	157
AP 700 CL		94	84	85	62.1	10.6	0	32	156
ELTAN/MADSEN		99	89	85	61.3	11.0	0	33	159
ID990435		95	81	84	60.5	10.1	0	33	155
WB 1020M		96	85	84	61.4	10.3	0	31	159
<i>CODA</i>	97	96	84	83	62.2	10.5	0	30	161
ORI2060306				83	61.4	11.2	0	29	159
BITTERROOT		94	84	82	61.4	11.4	0	33	159
WA008094				82	62.2	10.9	0	31	160
LAMBERT	94	96	81	81	60.9	10.1	0	33	154
SIMON	98	96	83	80	60.3	11.2	0	30	156
CASHUP	97	94	84	80	61.4	10.2	0	29	158
WA008092				80	60.9	11.0	0	31	161
WA008093				78	61.4	10.8	0	30	158
KCF08002				78	61.0	11.4	0	32	154
CDC PTARMIGAN				77	60.0	10.0	0	36	160

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				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	LODGING (%)	PLANT HT	HEAD DATE
<i>ARS970168-2C</i>			80	76	62.3	10.4	0	28	159
WB 1066M			71	75	61.8	11.8	0	31	155
WB 456		89	77	73	62.8	11.1	0	30	152
BZ6W02-616				72	62.6	10.4	0	31	151
C.V. %	7	8	7	7	0.4	3.0	--	5	1
LSD '@ .10'	4	5	6	8	0.3	0.4	--	2	1
Average	99	99	89	88	61.2	10.7	0	31	158
Highest	108	109	98	102	63.1	11.8	0	36	162
Lowest	84	89	71	72	58.3	9.9	0	28	151

1. Grain yield in the Mayview soft white winter wheat trial averaged 88 bu/ac, about 11% lower than 5-year average yield of 99 bu/ac at this location. The Mayview nursery was located about 4 miles south of the Lower Granite Dam on the Snake River, WA or 12 miles northeast of Pomeroy, WA (Roger and Randy Koller, cooperators).
2. This nursery was seeded on 14 October, 2008 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 80#N and 15#S applied in the fall. Seeding conditions produced good stands that overwintered well. Alpha lattice experimental designs improved variation allocation during statistical analysis and the CV by 205% compared to previously used designs.
3. Yields ranged from 72 bu/ac to 102 bu/ac, with a CV of 7%. Yield values within the LSD range of the highest yield are shown in bold and included 11 cultivars and one blend. Club variety names are designated by italicized print.
4. Test weights were good with an average of 61.2 lb/bu. Grain protein averaged 10.7% with a range of 9.9 to 11.8%. The average plant height was 31 inches.