

2009 WSU EXTENSION SOFT WHITE WINTER WHEAT NURSERY AT ALMIRA, 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
RJAMES	118	109	107	127	58.4	9.0	8	33	157
9364901A		111	102	126	61.0	10.1	0	35	157
LEGION			106	123	58.7	9.7	0	39	157
XERPHA	126	117	107	121	59.4	9.9	0	36	158
WB 523		104	94	121	60.3	10.3	0	35	156
GEORGE	109	102	108	120	58.0	10.9	20	35	159
FINCH	110	101	99	117	61.4	10.1	0	35	159
MASAMI	113	101	102	117	59.3	10.1	0	36	159
BRUNDAGE 96	112	107	99	117	59.6	10.3	0	33	156
AP 700 CL		108	98	117	60.2	9.7	0	38	155
SALUTE		110	102	116	58.7	9.9	0	34	155
AP LEGACY			101	116	60.3	10.0	0	36	157
ELTAN/TUBBS06			104	116	59.8	10.0	0	36	158
ROD/TUBBS06			100	116	59.2	9.9	0	36	158
OR2060324				116	57.0	10.1	0	32	159
ELTAN/MADSEN		97	98	115	60.3	10.0	0	38	159
KCF08001				115	60.8	9.8	0	33	150
KCF08002				115	60.4	10.4	0	34	151
WA008063			100	114	60.0	10.2	0	32	152
WB 1066M			97	114	61.7	10.7	0	40	153
BZ6W02-616				114	60.6	10.0	0	36	153
WB 1020M		100	96	113	59.6	10.4	0	32	159
SKILES			97	113	59.8	10.5	0	35	157
OR2050293				113	58.1	10.2	0	34	156
OR2040726				113	60.4	10.6	0	31	154
MADSEN	107	102	94	112	60.3	10.4	0	35	159
ELTAN	109	99	99	112	59.2	10.5	47	35	158
WB-528	114	107	95	112	61.1	10.9	0	34	151
WA008065			99	112	61.1	10.7	0	35	156
STEPHENS	108	100	93	110	58.6	11.0	0	33	153
TUBBS 06		105	99	110	59.1	9.7	0	38	158
ORI2060306				110	60.6	11.1	0	34	155
WA008066			90	109	60.9	10.3	0	35	159
WA008092				109	59.9	10.8	0	36	159
ORCF-102	110	102	100	108	60.4	10.1	0	38	158
ARS970170-2L				108	59.9	10.2	0	36	158
<i>BRUEHL</i>	111	100	99	107	58.2	9.7	0	37	159
WB 456		106	91	107	62.0	11.1	0	34	151
ORCF-103		97	96	107	59.2	10.0	0	34	159
CDC PTARMIGAN				107	58.8	9.9	68	38	158
WA008093				107	59.9	11.2	0	33	156
ROD	118	106	99	106	58.2	10.5	0	33	158
WA008064			97	106	59.9	10.2	0	33	154
<i>CARA</i>	110	101	89	105	56.7	9.7	0	32	158
ID990435		103	89	105	58.8	11.0	0	38	155
MADSEN/ROD		102	95	105	59.2	10.1	0	35	158
LAMBERT	115	108	94	104	59.8	10.4	0	37	154
SIMON	108	101	92	104	60.6	10.0	0	37	156
<i>ARS970168-2C</i>			91	104	62.3	10.4	0	34	158
WA008094				104	60.6	11.4	7	34	158
BITTERROOT		94	85	103	60.6	10.9	0	37	159
ID02-859		102	97	103	58.8	11.1	0	33	157
ORCF-101	105	99	89	102	59.4	10.7	0	34	155
<i>ARS970071-3C</i>				102	60.0	10.3	0	35	157

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				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	LODGING (%)	PLANT HT	HEAD DATE
WB 1070M				102	61.9	11.7	0	34	151
<i>CODA</i>	103	93	87	99	60.7	10.1	3	35	159
<i>CHUKAR</i>	107	95	83	97	57.5	10.1	0	33	158
CASHUP	104	92	84	93	60.3	11.1	0	31	157
C.V. %	8	9	8	7	0.8	8.0	294	5	1
LSD '@ .10'	5	6	7	10	0.7	1.1	10	2	1
Average	111	103	96	111	59.8	10.4	3	35	156
Highest	126	117	108	127	62.3	11.7	68	40	159
Lowest	103	92	83	93	56.7	9.0	0	31	150

1. Grain yield in the Almira soft white winter wheat trial averaged 111 bu/ac, equal to the 5-year average at this site. The Almira nursery was located about 10 miles north of Almira, WA (Dan McKay, cooperator).
2. This nursery was seeded on 8 September, 2008 following summer fallow. Seed was placed at an 85#/acre seeding rate using a hoe plot drill set on 9-inch spacing. Base fertilizer was 80#N, and 10#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 38% compared to previously used designs.
3. Yields ranged from 93 bu/ac to 127 bu/ac, with a CV of 7%. Yield values within the LSD range of the highest yield are shown in bold and included eight cultivars. Club variety names are designated by italicized print.
4. Test weights averaged 59.8 lb/bu and ranged from 56.7 lb/bu to 62.3 lb/bu. Grain protein was good for soft white wheat and averaged 10.4% with a range of 9.0 to 11.7%. The average plant height was 35 inches.