

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

Variety Name <i>*Club Italicized</i>	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
ELTAN	54	48	47	64	61.0	9.9	0	31	154
ELTAN/MADSEN		46	45	61	60.7	10.3	0	31	155
XERPHA	58	47	45	60	59.9	9.8	0	30	154
GEORGE	55	46	44	60	59.6	10.2	0	32	156
MASAMI	58	47	43	58	59.5	10.1	0	30	154
<i>BRUEHL</i>	53	45	45	57	60.8	10.6	0	32	154
RJAMES	48	39	41	56	58.8	10.1	0	29	153
LEGION			44	56	58.8	10.0	0	32	150
AP LEGACY			41	56	59.4	10.4	0	29	151
ELTAN/TUBBS06			41	56	60.7	10.0	0	31	151
<i>ARS970071-3C</i>				56	60.0	10.6	0	31	153
WB 523		41	40	55	61.2	11.2	0	29	150
ORCF-103		44	39	54	60.7	11.1	0	28	155
9364901A		39	36	54	60.2	11.0	0	30	152
<i>ARS970168-2C</i>			39	54	61.2	10.8	0	28	154
CDC PTARMIGAN				54	58.7	10.5	0	30	151
WA008092				54	60.7	10.8	0	31	156
BZ6W02-616				54	60.9	10.5	0	30	150
FINCH	54	44	41	53	60.4	10.9	0	28	157
WA008093				53	60.7	10.8	0	28	151
WA008094				53	61.0	10.8	0	30	154
ARS970170-2L				53	60.2	10.2	0	31	154
WB 1020M		39	40	52	60.4	10.6	0	28	153
WA008063			40	52	60.1	11.0	0	29	149
WB 1066M			38	52	61.1	11.2	0	31	150
ORCF-102	53	43	38	51	60.6	11.4	0	31	152
WA008066			38	51	60.5	10.9	0	29	156
BITTERROOT		36	35	50	61.0	10.5	0	30	152
MADSEN/ROD		40	39	50	59.9	10.7	0	28	154
ID02-859		41	38	50	58.8	11.0	0	27	152
<i>CARA</i>	49	40	38	49	58.4	10.7	0	26	154
MADSEN	48	38	37	49	60.0	10.9	0	29	154
WA008065			35	49	61.0	11.8	0	29	152
OR2040726				49	59.4	11.2	0	29	151
BRUNDAGE 96	50	42	37	48	59.1	10.9	0	28	151
ROD/TUBBS06			37	48	58.8	10.9	0	29	153
AP 700 CL		39	37	47	59.6	11.5	0	29	150
SKILES			38	47	60.6	11.6	0	27	153
WB-528	44	38	35	46	61.0	10.9	0	30	150
WB 456		36	34	46	61.4	12.1	0	28	151
<i>CODA</i>	50	37	35	45	61.0	12.0	0	27	155
TUBBS 06		38	36	45	59.1	11.6	0	31	152
KCF08002				45	60.1	11.6	0	30	150
ROD	50	40	38	44	58.2	11.2	0	28	155
LAMBERT	44	38	35	44	60.0	11.3	0	32	150
SIMON	42	34	34	44	60.0	12.2	0	29	153
ID990435		36	32	44	59.1	11.6	0	31	151
CASHUP	46	35	35	44	60.9	11.3	0	28	153
SALUTE		38	34	44	58.4	11.2	0	29	152
WA008064			35	44	60.1	11.6	0	27	150
ORI2060306				44	60.0	12.1	0	29	152
OR2050293				42	56.7	12.2	0	26	151
STEPHENS	42	33	32	41	58.6	11.9	0	29	150
OR2060324				41	56.0	11.0	0	25	156

**2009 WSU EXTENSION SOFT WHITE WINTER WHEAT NURSERY AT RITZVILLE, 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
<i>CHUKAR</i>	49	38	34	40	58.4	11.0	0	26	156
ORCF-101	48	38	33	40	58.7	12.2	0	29	151
KCF08001				40	59.9	11.6	0	30	151
<b>WB 1070M</b>				33	<b>61.7</b>	12.8	0	27	150
C.V. %	13	13	10	8	0.8	5.5	--	4	1
LSD '@ .10'	3	4	4	6	0.6	0.8	--	2	1
Average	50	40	38	50	59.9	11.1	0	29	152
Highest	58	48	47	64	61.7	12.8	0	32	157
Lowest	42	33	32	33	56.0	9.8	0	25	149

1. Grain yield in the Ritzville soft white winter wheat trial averaged 50 bu/ac and was the same as the 5-year average yield for this location. The Ritzville nursery was located about 4 miles west of Ritzville, WA (R. Jirava farm).
2. This nursery was seeded on 9 September, 2008 following summer fallow. Seed was placed at a 45#/acre seeding rate using a deep furrow plot drill with split packer openers set on 15-inch spacing. Base fertilizer was 60#N and 6#S. Fall seeding conditions were dry and occasional poor emergence and excess soil coverage due to deep planting with the plot drill caused some gaps in individual plots. When appropriate, gaps were subtracted from the plot areas to maintain equivalent comparisons. Alpha lattice experimental designs improved variation allocation during statistical analysis and the CV by 41% compared to previously used designs.
3. Yields ranged from 33 bu/ac to 64 bu/ac, with a CV of 8%. Yield values within the LSD range of the highest yield are shown in bold. Club variety names are designated by italicized print.
4. Test weights were good with an average of 59.9 lb/bu. Grain protein averaged 11.1% with a range of 9.8 to 12.8%. The average plant height was 29 inches.