

2007 WSU EXTENSION SOFT WHITE WINTER WHEAT NURSERY AT LAMONT, WA.

Variety Name <small>*Club Italized</small>	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2007					
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	LODGING (%)	PLANT HT	HEAD DATE
GEORGE		99.0	117.9	106.9	58.5	9.4	0	39.3	151.9
TUBBS 06			112.1	106.6	59.0	9.3	0	37.5	146.6
BRUNDAGE 96	112.1	108.2	115.3	104.5	58.5	9.1	0	34.0	147.0
ID02-859				104.2	58.6	9.4	0	32.8	148.5
ROD	108.2	99.5	116.5	103.2	58.2	8.6	0	34.0	149.6
MASAMI	118.4	115.7	121.0	103.0	58.5	9.3	0	35.3	151.5
XERPHA		97.0	114.8	102.8	59.4	9.2	0	35.3	150.4
CARA		105.7	107.8	101.3	58.3	9.3	0	33.0	149.6
ORCF-102		103.8	111.5	99.7	60.0	8.6	0	37.8	145.9
WA008000			109.5	99.6	59.9	9.9	0	35.8	150.4
TUBBS	114.6	106.6	111.6	99.1	58.5	9.5	0	37.5	146.6
ORI2042037				98.9	59.3	8.8	0	34.3	150.8
ID990435			107.3	98.5	59.6	9.8	0	38.3	145.5
RJAMES		99.4	114.0	97.0	57.1	9.8	0	32.0	149.3
ELTAN	102.9	90.0	110.4	96.6	59.5	9.3	0	38.3	151.5
WA007934	105.6	96.8	110.2	96.6	59.3	10.3	0	35.8	151.9
SALUTE				96.6	58.2	9.6	0	34.8	147.4
BRUEHL	102.7	93.3	110.1	96.5	58.1	9.2	0	38.0	151.5
FINCH	113.2	112.4	114.9	96.3	61.0	9.0	0	34.3	151.5
MJ-9	114.0	109.7	112.8	96.3	57.5	9.7	0	32.8	149.3
CHUKAR	115.4	103.0	110.2	96.0	58.6	8.4	0	35.3	150.0
BU6W99-456			96.0	95.9	61.8	11.8	0	33.3	144.8
WA008021				95.7	59.3	10.5	0	34.3	150.0
MOHLER	106.2	98.8	109.8	95.1	59.5	9.8	0	35.8	147.8
ARSC96059-1		98.0	103.3	94.5	61.4	10.2	0	35.8	148.9
ELTAN/TUBBS				93.6	59.0	8.6	0	37.0	146.6
MADSEN/ROD			109.3	93.5	58.9	8.8	0	33.8	149.6
ARS970278-2				92.2	59.6	8.9	0	34.8	149.6
CODA	108.8	97.1	107.5	91.7	60.7	8.9	0	34.8	150.0
LAMBERT	107.5	99.6	103.7	91.6	59.9	10.1	0	35.8	147.4
9364901A				91.5	60.1	9.9	0	35.0	150.4
ROD/TUBBS				91.4	58.7	8.9	0	35.0	147.4
ELTAN/MADSEN				90.7	59.5	10.0	0	37.0	148.5
STEPHENS	104.0	99.1	104.1	90.6	59.3	9.7	0	32.5	144.4
BU6W00-523			101.9	90.1	60.1	10.0	0	35.3	145.9
AP 700 CL				90.1	59.8	9.8	0	35.0	146.3
ARS00235	106.6	98.0	103.1	90.0	60.4	10.1	0	34.8	150.8
MADSEN	103.4	101.8	105.6	89.4	59.1	10.7	0	34.3	149.3
RELY	105.2	93.7	101.0	88.4	59.4	7.7	0	37.0	149.6
ORCF-101	100.1	92.7	92.9	88.2	59.5	9.4	0	34.3	145.5
WA008020				88.0	57.4	10.4	0	33.3	151.9
EDWIN	93.5	85.1	99.5	87.4	61.3	8.5	0	38.8	149.6
WB 528	92.1	81.4	91.1	86.3	61.1	10.0	0	34.8	144.8
IDAHO 587	100.3	95.9	100.7	85.3	59.6	10.3	0	31.5	146.3
CONCEPT		92.7	98.6	80.8	59.6	10.4	0	31.0	150.4
MJ-4	111.7	105.1	102.7	79.8	57.9	11.3	0	32.0	151.9
SIMON	100.8	96.4	93.7	78.0	58.7	11.4	0	35.8	148.9
CASHUP	100.7	91.4	92.9	77.9	59.6	10.4	0	31.8	149.6
BZ6WM02-1020			90.6	76.5	59.3	10.2	0	31.8	150.4
9222407A			100.3	76.2	59.9	10.8	0	35.3	150.8
C.V. %	8.9	9.5	8.4	8.9	0.6	9.0	--	--	--
LSD '@ .10'	4.8	6.4	7.3	9.7	0.4	1.0	--	--	--
Average	106.2	98.9	106.1	93.2	59.3	9.7	0	35.0	148.9
Highest	118.4	115.7	121.0	106.9	61.8	11.8	0	39.3	151.9
Lowest	92.1	81.4	90.6	76.2	57.1	7.7	0	31.0	144.4

LAMONT SOFT WHITE WINTER WHEAT – 2007 WSU VARIETY TESTING DATA

1. 2007 Soft White Winter Wheat **YIELD DATA** from the WSU Variety Testing nursery at the Lamont location averaged 93.2 bu/ac that is about 13.7% less than the historical 3-yr yield averages at this location. *NOTE: The Lamont nursery was located ten miles south of Lamont, WA (G. White farm) off SR 23 and Old State Hwy road.*
2. This nursery was **seeded** on 7 September 2006 on summer fallow ground using a plot drill with hoe openers, 9-inch spacing, into good soil moisture that was about 2-inches below the surface at a seeding rate of 85#/acre. The base fertilizer rate was 70#N and 10#S.
3. In general, the cold snap at the end of October 2006 and the 10-day cold-snap in mid-January (11-21 Jan 2007) had minimal winter injury impact. In fact, this nursery had excellent emergence and had good recovery from early spring (March 2007) field evaluations.
4. **Yields** among many varieties/lines were grouped very closely together noting that the statistical LSD (least significant difference) at the 90% confidence level was 9.7 bu/ac.
5. Wheat quality in terms of **test weight** averaged 59.3 lbs/bu, not quite as good as the hard winter nursery.
6. **Percent grain protein** had a range of 7.7% to 11.8% with an average of 9.7%. The same weather patterns that limited grain protein development in the hard winter wheat (cooler weather in mid-June and heat stress during the end of June 2007 that stopped a nitrogen mobilization from the leaves) probably helped limit protein production in the soft white winter wheat varieties.