

2007 WSU EXTENSION SOFT WHITE WINTER WHEAT NURSERY AT BICKLETON, 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
MASAMI	--	--	55.3	52.9	54.6	11.2	0	30.0	160.3
ID02-859	--	--		52.3	54.9	10.5	0	26.8	156.9
TUBBS	--	--	56.0	50.3	55.8	10.7	0	29.5	156.9
MADSEN	--	--	49.6	49.8	57.0	10.7	0	28.0	159.3
MOHLER	--	--	49.6	49.6	57.2	10.9	0	29.0	156.1
ORI2042037	--	--		48.3	57.0	11.2	0	27.8	159.3
AP 700 CL	--	--		47.8	57.4	11.3	0	29.3	156.0
ELTAN/TUBBS	--	--		47.8	56.9	10.8	0	28.5	157.8
ORCF-102	--	--	53.9	47.6	57.9	11.2	0	29.0	155.3
WA008000	--	--	48.2	47.4	58.1	10.4	0	28.3	160.3
ID990435	--	--	52.8	47.1	57.9	10.7	0	30.8	154.8
WB 528	--	--	48.7	46.6	57.9	11.1	0	27.8	154.0
FINCH	--	--	49.2	46.4	58.0	11.5	0	29.0	161.9
WA008020	--	--		46.0	54.6	11.8	0	26.5	161.9
BRUNDAGE 96	--	--	49.5	45.7	57.2	11.2	0	24.0	155.6
WA008021	--	--		45.6	57.3	11.0	0	26.3	160.3
ROD/TUBBS	--	--		45.6	56.4	10.9	0	28.8	158.4
RJAMES	--	--	51.2	45.4	55.5	11.0	0	25.3	160.4
TUBBS 06	--	--	54.2	45.2	55.1	11.0	0	29.3	157.8
ROD	--	--	50.7	45.1	56.2	10.9	0	26.0	159.5
9364901A	--	--		45.0	57.7	10.7	0	28.0	158.9
MADSEN/ROD	--	--	49.7	44.0	57.5	10.9	0	26.5	159.4
ORCF-101	--	--	47.0	43.7	57.4	11.9	0	28.0	156.1
CODA	--	--	47.4	42.5	59.9	10.8	0	29.5	160.8
GEORGE	--	--	49.7	42.5	55.9	11.8	0	29.3	161.1
ELTAN/MADSEN	--	--		42.3	58.1	11.3	0	27.5	159.5
BU6W00-523	--	--	51.5	41.6	58.0	11.7	0	26.5	156.5
MJ-9	--	--	48.4	41.2	55.5	11.3	0	27.8	158.6
XERPHA	--	--	52.3	41.1	56.5	11.9	0	26.8	159.6
SIMON	--	--	49.8	41.0	58.0	11.1	0	27.5	158.8
BRUEHL	--	--	51.4	40.8	56.2	11.4	0	29.0	161.0
ELTAN	--	--	52.3	40.8	56.7	11.6	0	28.0	160.6
RELY	--	--	46.1	40.4	58.3	11.3	0	24.8	160.5
IDAHO 587	--	--	44.7	40.3	56.7	11.7	0	25.3	155.5
SALUTE	--	--		39.8	56.1	11.3	0	25.8	157.3
BU6W99-456	--	--	46.9	39.3	60.2	12.8	0	24.0	152.9
STEPHENS	--	--	47.6	39.2	57.4	11.3	0	24.8	154.1
LAMBERT	--	--	47.1	37.9	58.1	11.2	0	26.8	154.8
BZ6WM02-1020	--	--	48.3	36.8	58.3	11.0	0	25.3	159.5
EDWIN	--	--	44.0	36.4	57.0	11.8	0	26.5	159.5
MJ-4	--	--	44.5	36.4	57.1	11.3	0	27.8	161.4
9222407A	--	--	47.1	35.6	57.2	11.7	0	29.8	158.9
CARA	--	--	38.3	34.1	54.0	12.0	0	22.8	161.0
ARSC96059-1	--	--	43.4	33.9	58.4	12.4	0	27.8	160.3
CHUKAR	--	--	45.0	32.4	54.7	12.1	0	24.0	161.0
ARS00235	--	--	42.3	31.9	57.5	12.1	0	27.0	161.9
WA007934	--	--	46.0	31.7	57.7	11.7	0	25.0	160.6
CONCEPT	--	--	44.4	31.7	58.5	11.6	0	25.3	159.1
CASHUP	--	--	40.1	29.6	58.8	11.4	0	23.5	159.5
ARS970278-2	--	--		26.7	56.4	12.2	0	23.0	158.5
C.V. %	--	--	15.4	15.5	2.2	5.4	--	--	--
LSD '@ .10'	--	--	6.1	7.6	1.4	0.7	--	--	--
Average	--	--	48.3	41.9	57.1	11.4	0	27.1	158.6
Highest	--	--	56.0	52.9	60.2	12.8	0	30.8	161.9
Lowest	--	--	38.3	26.7	54.0	10.4	0	22.8	152.9

BICKLETON 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 Bickleton location averaged 41.9 bu/ac. *NOTE: This nursery was located, approximately 8 miles east of Bickleton, WA off Glade Rd on Danaho Rd (T. Mains farm).*
2. This nursery was **seeded** on 23 October 2006 on chem fallow ground using a no-till plot drill (cross slot opener, 10-in, spacing) at a seeding rate of 60# per acre. The base fertilizer rate was 40#N, 8#P and 8#S.
3. In general, the cold snaps at the end of October 2006 and the 10-day cold-snap in mid-January (11-21 Jan 2007) had minimal winter injury impact. Early spring growth ratings showed a fairly even stand in March 2007; however, cool, dry spring growing conditions kept the winter wheat fairly small during much of the spring.
4. **Yield differences** had a range of 26.7 to 52.9 bu/ac and many entries that had average yields grouped very closely together and not statistically different (LSD @0.10 was 7.6 bu/ac). Average yield ranking bounced around a little bit with a 2-yr historical yield rankings; however, the nursery was established on a location that was about 10 miles away from the 2006 winter wheat location and geography could easily change variety responses at this location.
5. Wheat quality in terms of average **test weight** was fairly low and averaged 57.1 lbs/bu. Probably most of the lower test weight values were a caused by the pre-harvest rain storms on 19-20 Aug 2007.
6. **Average Percent grain protein** was 11.4%.