

2007 WSU EXTENSION SOFT WHITE WINTER WHEAT NURSERY AT DAYTON, 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
ROD/TUBBS				127.3	60.6	10.7	0	35.3	148.9
SALUTE				124.4	59.8	10.9	0	34.3	148.4
ROD	129.8	130.6	130.7	123.9	60.3	10.8	0	32.5	151.6
TUBBS	128.9	129.5	131.8	123.5	60.5	11.0	0	35.5	148.3
RELY	116.3	117.2	127.7	122.3	60.8	10.5	0	33.0	151.3
MOHLER	122.5	124.9	128.7	122.3	61.9	10.9	0	33.8	147.9
SIMON	122.9	128.3	130.1	122.1	61.0	12.1	0	34.8	148.3
XERPHA		122.6	126.0	121.5	61.3	11.4	0	34.0	152.8
ELTAN/TUBBS				121.0	61.1	11.0	0	36.3	148.4
BRUNDAGE 96	122.6	124.9	126.4	120.5	60.7	10.9	0	34.3	147.9
WA008021				119.5	61.7	11.6	0	33.8	152.4
RJAMES		123.3	122.2	119.1	59.7	11.1	0	31.0	151.4
ELTAN	116.6	114.6	116.4	117.9	61.4	11.2	0	36.3	154.6
CODA	122.6	123.2	127.5	117.8	62.7	11.5	0	34.0	151.3
ELTAN/MADSEN				117.8	61.5	11.6	0	36.0	151.4
STEPHENS	124.5	128.4	128.7	117.6	61.3	11.1	0	34.0	145.6
9364901A				117.0	61.8	11.6	0	33.8	150.5
ORCF-102		135.2	133.6	116.8	61.4	11.2	0	35.6	149.4
TUBBS 06			129.5	116.7	60.7	11.2	0	36.0	148.6
WA008000			116.1	115.7	61.8	11.2	0	34.5	152.4
LAMBERT	117.4	123.1	122.6	115.7	61.2	10.9	0	35.8	147.5
MASAMI	120.1	117.6	118.0	115.5	60.7	11.0	0	34.8	153.1
MADSEN/ROD			127.1	115.1	60.4	11.1	0	32.6	151.9
ORI2042037				114.6	61.6	11.4	0	34.0	152.4
GEORGE		106.1	114.9	113.9	60.9	11.6	0	36.6	154.4
ORCF-101	117.8	117.9	122.2	113.6	61.1	11.6	0	34.6	146.9
ID02-859				112.8	60.3	11.1	0	30.6	149.9
ARS00235	116.0	115.6	117.8	112.5	62.0	11.8	0	34.3	152.4
BRUEHL	118.7	116.9	120.2	112.4	60.3	11.7	0	35.5	153.1
MADSEN	120.6	123.1	120.9	111.9	61.2	12.0	0	33.3	151.3
ID990435			115.5	111.7	60.7	11.3	0	36.3	145.4
WB 528	125.0	133.3	128.8	110.6	62.1	11.6	0	33.0	145.6
CHUKAR	125.8	124.4	123.7	110.3	60.5	11.0	0	30.8	152.0
CARA		122.8	119.5	109.4	59.9	11.4	0	29.0	152.4
BU6W99-456			125.0	108.8	62.7	12.2	0	30.0	144.4
MJ-9	122.5	120.0	122.5	108.2	58.9	11.2	0	31.3	151.4
FINCH	119.7	120.4	121.4	107.5	62.2	11.9	0	33.8	153.5
ARS970278-2				106.3	61.7	11.2	0	31.8	150.1
EDWIN	101.7	97.9	105.9	105.7	62.2	11.4	0	32.5	152.0
WA007934	112.2	109.1	111.1	105.0	61.6	11.8	0	35.5	155.4
WA008020				105.0	59.7	12.1	0	32.0	155.4
BU6W00-523			121.4	102.9	61.5	11.4	0	33.6	148.4
BZ6WM02-1020			117.8	102.1	61.4	11.3	0	32.3	151.4
MJ-4	115.2	114.1	114.5	101.9	59.2	12.1	0	32.0	152.9
IDAHO 587	116.3	116.9	113.5	101.3	61.5	11.2	0	32.6	145.4
9222407A			114.8	101.1	61.4	11.9	0	35.3	152.4
AP 700 CL				101.1	61.3	11.7	0	33.6	147.9
ARSC96059-1		115.4	115.3	97.8	62.3	11.9	0	34.5	151.3
CONCEPT		119.2	114.8	95.2	61.2	11.2	0	30.0	150.9
CASHUP	110.4	113.7	108.7	93.0	61.5	11.5	0	30.3	149.4
C.V. %	7.5	7.4	7.7	8.1	0.5	3.6	--	--	--
LSD '@ .10'	4.6	5.9	7.6	10.7	0.4	0.5	--	--	--
Average	119.4	120.3	121.4	112.6	61.1	11.4	0	33.6	150.4
Highest	129.8	135.2	133.6	127.3	62.7	12.2	0	36.6	155.4
Lowest	101.7	97.9	105.9	93.0	58.9	10.5	0	29.0	144.4

DAYTON 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 Dayton location averaged 112.6 bu/ac that is nearly equal to a previous historical 3-yr yield average at this location. *NOTE: The Dayton nursery was located off Kellogg Rd (Bickelhaupt Rd) about 12 miles northwest of Dayton, WA (J. Penner farm).*
2. This nursery was **seeded** on 2 October 2006 on fallow ground using a plot drill with double disc (6-inch spacing) into fair soil moisture that was about 2-inches below the surface at a seeding rate of 85#/acre. The base fertilizer rate was 130#N, 20P, 20#S and 10#Cl).
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 fair emergence and was fairly small going into the winter; however, the stand had good recovery based on March 2007 field evaluations.
4. **Average yield** range was 93.0 bu/ac to 127.3 bu/ac. 2007 average yields were grouped fairly closely together for many entries and the yield ranking bounced around a little compared to the 3-yr average yield ranking.
5. Wheat quality in terms of **test weight** was also very high at this location with an average test weight value of 61.1 lbs/bu that is probably a function of late May 2007 heading dates followed by the 2-week period of cool weather in June that allowed this nursery to avoid damage from the late June heat and moisture stress during kernel fill.
6. **Percent grain protein** had a range of 10.5% to 12.2% with an average of 11.4%.