

2007 WSU EXTENSION SOFT WHITE WINTER WHEAT NURSERY AT COLTON, 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
9364901A				126.2	61.4	9.8	0	38.3	157.9
ELTAN	122.3	132.5	118.4	121.8	61.1	10.3	0	40.5	161.6
ROD	125.8	133.3	113.6	118.9	59.3	9.8	0	37.3	158.9
MOHLER	124.9	133.2	116.5	117.7	61.8	9.9	0	38.8	157.3
ORCF-102		139.6	123.8	117.4	61.5	9.9	0	39.0	157.0
ROD/TUBBS				116.4	59.9	9.7	0	39.3	157.4
SALUTE				115.7	60.1	9.7	0	39.0	156.9
XERPHA		136.7	119.9	115.4	60.5	9.1	0	38.5	159.5
ELTAN/TUBBS				115.2	61.1	9.7	0	38.5	157.1
RJAMES		128.3	111.4	114.7	59.2	10.0	0	34.8	159.0
WB 528	119.0	124.5	116.8	114.4	62.7	9.8	0	37.0	152.6
ORI2042037				114.0	60.6	10.2	0	36.3	161.3
TUBBS 06			117.5	113.8	60.1	9.8	0	38.8	157.5
MADSEN/ROD			113.4	113.4	60.2	10.0	0	36.8	158.8
CODA	118.8	126.3	117.0	113.2	63.0	10.0	0	39.3	159.0
BRUNDAGE 96	113.0	122.0	113.4	113.2	60.3	10.0	0	36.0	157.4
TUBBS	124.3	136.7	121.0	113.2	60.2	10.0	0	38.8	156.0
STEPHENS	120.3	127.4	112.2	113.1	61.3	10.2	0	36.5	153.9
BRUEHL	115.8	125.6	108.9	113.0	59.0	10.2	0	39.3	161.1
MASAMI	116.4	126.9	112.8	112.3	59.4	9.9	0	39.5	160.1
ELTAN/MADSEN				111.9	60.8	10.4	0	39.0	159.0
GEORGE		124.4	109.1	110.5	59.7	9.7	0	39.0	161.5
MJ-9	119.1	130.6	115.3	109.4	58.9	9.5	0	35.5	158.4
ARS00235	114.2	121.6	106.2	109.2	61.4	10.7	0	41.5	159.8
SIMON	114.4	120.8	109.4	108.6	61.2	10.5	0	37.0	157.6
CHUKAR	119.9	127.7	107.4	108.4	59.7	9.8	0	37.3	159.8
RELY	119.6	125.2	113.8	107.9	61.3	10.0	0	38.8	158.4
9222407A			105.9	107.1	61.8	10.0	0	41.0	158.1
ARS970278-2				106.9	60.1	10.0	0	38.0	157.5
WA007934	118.2	123.6	104.8	106.4	61.0	9.6	0	38.8	161.1
ORCF-101	116.6	128.0	111.8	105.7	61.0	10.3	0	37.3	156.0
ARSC96059-1		125.2	110.4	105.1	62.4	10.1	0	42.3	158.3
ID990435			116.4	105.0	60.6	9.8	0	38.8	154.9
WA008021				104.5	60.5	10.1	0	37.0	160.5
MADSEN	114.9	123.7	110.9	103.7	59.5	11.1	0	37.3	160.0
CASHUP	115.7	123.9	108.3	103.7	61.5	10.3	0	35.0	158.6
ID02-859				103.7	58.6	10.3	0	34.8	158.0
WA008000			106.1	103.4	60.8	10.0	0	38.3	160.8
IDAHO 587	117.1	124.3	104.4	103.3	61.0	10.2	0	36.5	153.8
CARA		121.2	104.4	103.2	59.2	10.7	0	35.8	158.8
LAMBERT	118.5	125.8	111.9	103.1	62.1	10.0	0	38.3	155.9
BU6W99-456			109.3	103.0	63.8	11.1	0	34.3	152.4
CONCEPT		120.5	108.2	102.9	61.1	9.4	0	33.8	158.6
FINCH	115.6	122.9	103.5	102.5	61.6	9.8	0	37.0	160.6
WA008020				102.4	59.6	9.9	0	35.5	162.4
AP 700 CL				101.9	61.3	10.2	0	36.8	154.5
BU6W00-523			112.0	101.7	62.4	10.0	0	35.8	155.9
MJ-4	106.7	113.2	95.5	100.5	58.0	10.9	0	35.8	160.6
BZ6WM02-1020			106.8	97.3	61.1	10.2	0	33.8	159.5
EDWIN	100.9	101.7	95.2	94.5	61.9	9.8	0	41.3	158.5
C.V. %	7.4	6.6	7.7	6.1	1.0	5.7	--	--	--
LSD '@ .10'	4.5	5.5	7.0	7.8	0.7	0.7	--	--	--
Average	117.2	125.7	110.8	109.0	60.7	10.1	0	37.7	158.2
Highest	125.8	139.6	123.8	126.2	63.8	11.1	0	42.3	162.4
Lowest	100.9	101.7	95.2	94.5	58.0	9.1	0	33.8	152.4

COLTON 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 Colton location averaged 109.0 bu/ac that is about 13% less than a previous historical 3-yr yield average at this location. *NOTE: The Colton nursery was located about 5-miles northeast of Colton off Niehenke Rd on Mike Druffel farm. (Dan and Jeff Druffel, cooperators).*
2. This nursery was seeded on 29 September 2006 on fallow ground using a plot drill with double disc (6-inch spacing) at a seeding rate of 85#/acre. The base fertilizer rate was 100#N, 30#P and 20#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. This nursery had even emergence and had good winter recovery based on March 2007 field evaluations.
4. Average yield range was 94.5 bu/ac to 126.2 bu/ac. 2007 average yields were grouped extremely close together for many entries and the yield ranking for individual varieties tracked closely with the 3-yr average yield rankings, especially for varieties that tend to have the highest yield potentials at this location
5. Wheat quality in terms of test weight was also good at this location with an average test weight value of 60.7 lbs/bu. This is probably a function of early June 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 9.1% to 11.1% with an average of 10.1%