

2006 WSU EXTENSION SOFT WHITE WINTER WHEAT NURSERY AT COLTON, WA.

Variety Name	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2006					
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	LODGING (%)	PLANT HT	HEAD DATE
ORCF-102			150.7	130.3	61.0	11.2	0.0	41.0	155.6
TUBBS	130.2	137.0	148.4	128.8	59.0	10.8	0.0	40.3	155.6
ID990435				127.7	60.1	11.1	0.0	41.0	154.1
WA007973			147.3	124.4	58.8	11.1	0.0	40.0	160.1
BU6W00-523				122.3	62.1	11.0	0.0	38.3	156.0
TUBBS 06				121.2	58.5	10.8	0.0	41.5	155.3
MJ-9	128.0	128.6	141.2	121.2	57.3	10.6	0.0	39.3	158.3
CODA	124.1	128.6	132.8	120.8	62.0	11.4	12.5	44.0	159.8
LAMBERT	125.5	131.7	137.1	120.7	60.3	11.1	0.0	41.0	155.6
RELY	127.0	128.6	133.8	119.6	60.0	10.8	2.5	42.3	159.8
WB 528		125.0	129.6	119.2	61.7	10.7	0.0	37.8	154.9
ARS00258				118.7	60.9	11.3	0.0	38.8	159.8
HUBBARD	128.1	134.4	140.6	118.6	61.3	10.8	0.0	45.0	156.4
MADSEN	122.4	123.6	133.6	118.0	59.7	11.5	0.0	38.8	159.4
ORCF-101		127.9	139.1	117.8	60.6	11.1	0.0	38.3	156.0
BZ6WM02-1020				116.3	60.0	11.1	0.0	38.8	158.6
ARS99123				115.9	60.5	11.1	0.0	37.8	157.1
ARSC96059-1			135.3	115.8	62.5	11.5	0.0	43.3	159.8
BU6W99-456				115.5	62.6	11.8	0.0	36.3	155.3
MOHLER	133.3	131.7	140.9	115.4	59.9	10.4	0.0	40.0	155.3
WA007971			135.1	115.0	56.2	10.5	0.0	37.0	162.0
ELTAN	127.8	130.9	137.9	114.9	60.2	11.0	0.0	41.0	161.6
BRUNDAGE 96	118.8	117.3	126.4	113.6	58.7	11.1	0.0	37.0	157.5
CONCEPT		124.1	129.3	113.5	60.1	9.8	0.0	36.0	157.9
MADSEN/ROD				113.5	59.6	11.0	0.0	37.8	158.3
MASAMI	121.6	124.6	134.2	113.3	57.5	10.7	7.5	39.8	160.9
WA007935		126.4	133.0	113.2	59.2	11.3	6.3	40.3	163.5
CASHUP	120.0	125.2	133.9	112.9	60.3	10.1	0.0	37.8	158.6
STEPHENS	124.5	129.4	134.5	111.3	61.1	11.1	0.0	35.5	154.9
HILL 81	122.0	125.6	134.4	110.9	60.5	11.4	0.0	41.5	157.1
SIMON	122.7	119.3	126.9	110.1	59.5	11.0	0.0	38.5	157.5
ID990419				109.7	59.6	10.3	0.0	38.8	159.4
BZ6WM02-1154				109.1	61.9	11.4	0.0	37.8	154.9
WA008000				108.7	59.4	11.2	0.0	40.3	160.9
ROD	132.9	136.5	140.5	108.4	57.1	11.3	0.0	37.5	160.5
RJAMES		128.5	135.1	108.0	56.7	10.8	0.0	36.3	160.5
GEORGE		118.8	131.3	107.7	57.5	11.6	3.8	41.5	164.3
CHUKAR	128.0	129.6	137.4	106.4	57.8	11.5	0.0	39.0	161.6
ARSC96059-2				106.0	61.4	12.4	0.0	42.5	159.8
LEWJAIN	115.9	116.8	120.0	106.0	59.6	11.5	0.0	36.8	161.3
ARS97135-9		123.3	130.1	105.5	57.6	11.7	0.0	36.8	160.1
IDAHO 587		124.4	134.8	105.4	59.9	11.2	0.0	35.0	156.0
HILLER	124.2	124.1	126.0	105.3	57.4	10.6	0.0	39.0	157.9
BRUEHL	122.5	123.2	132.0	104.9	56.8	11.9	12.5	41.0	162.8
9222407A				104.7	60.2	10.8	0.0	40.5	158.6
FINCH	125.7	125.8	133.2	104.5	59.5	11.2	0.0	39.8	161.6
ARS00235		122.4	127.8	103.2	60.8	11.1	0.0	42.3	161.6
WA007934		127.9	132.2	103.2	58.8	11.4	3.8	40.8	160.1
ORSS-1757			133.4	101.8	59.2	10.8	0.0	38.3	154.9
WA007970			123.3	98.4	59.3	11.9	0.0	39.0	160.9
EDWIN	106.7	105.6	105.4	96.0	60.2	12.1	0.0	43.0	157.9
ORH010920				93.5	58.3	11.7	0.0	33.8	156.4
MJ-4	115.9	115.6	119.6	90.6	55.2	11.8	0.0	36.5	161.6
WA007999				90.2	56.7	11.2	0.0	31.8	158.6
C.V. %	7.1	7.3	6.8	9.0	1.5	6.3	--	--	--
LSD '@. 10'	4.5	6.2	7.3	11.7	1.1	0.8	--	--	--
Average	123.8	125.5	133.3	111.6	59.5	11.1	0.9	39.2	158.6
Highest	133.3	137.0	150.7	130.3	62.6	12.4	12.5	45.0	164.3
Lowest	106.7	105.6	105.4	90.2	55.2	9.8	0.0	31.8	154.1

COLTON SOFT WINTER WHEAT – 2006 WSU VARIETY TESTING DATA

1. 2006 Soft White Winter Wheat **YIELD DATA** from the WSU Variety Testing nursery at the Colton location averaged 111.6 bu/ac that was about 13% lower than the 3-year average at this location (125.5 bu/ac). *NOTE: The Colton nursery was located about 10 miles northeast of Colton, WA on Niehenke Rd near the Idaho border (Norb and Kent Niehenke farm).*
2. This nursery was **seeded** on 14 October 2005 on fallow ground using a plot drill with double disc openers into moisture that was 1-2-inches below the surface.
3. This nursery was not impacted by the mid-February 2006 cold snap and a 18 April 2006 field evaluation showed strong early spring regrowth in nearly all varieties.
4. **Yield differences** among the varieties had a range of 90.2 bu/ac to 130.3 bu/ac; however, like in many 2006 nurseries, a majority of varieties/experimental lines had yields that were grouped very closely together and statistically equal. Variety rankings tracked very closely with 2-year and 3-year ranking trends. A notable exception in deviation from the 3-yr and 5-yr yield ranking trend was Rod that was near the middle of the yield pack in the 2006 nursery. It also appears that some of the higher yielding varieties/experimental lines had slightly earlier maturity (heading dates). These varieties/experimental lines may have gained their yield advantage in 2006 capitalizing on earlier spring regrowth and ability to stay ahead of the wide swings in temperature and moisture during spring 2006.
5. Average **Test Weight** values were 59.5 lbs/bu and **Percent grain protein** averaged 11.1%.