

2006 WSU EXTENSION SOFT WHITE WINTER WHEAT NURSERY AT LAMONT, 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
MASAMI	115.1	123.9	122.1	139.1	58.8	7.6	0	38.3	157.0
FINCH	113.5	119.8	120.4	133.4	60.7	8.2	0	39.0	157.0
RJAMES		111.3	100.6	131.0	58.9	7.8	0	35.5	154.4
ROD	104.2	108.4	97.7	129.9	58.8	8.1	0	35.5	155.5
MJ-9	110.4	117.7	116.3	129.4	58.2	7.3	0	36.8	155.5
GEORGE		106.7	95.0	128.9	59.5	8.1	0	42.5	157.0
WA007973			94.1	126.9	58.4	8.1	0	38.0	153.6
BRUNDAGE 96	105.6	112.6	110.1	126.2	59.5	8.1	0	35.3	152.5
MJ-4	112.2	116.9	117.8	125.7	57.7	7.7	0	38.0	156.6
MADSEN/ROD				125.0	59.2	8.6	0	36.5	155.5
CHUKAR	113.0	115.7	106.5	124.5	57.9	7.1	0	37.8	155.1
MOHLER	100.5	106.2	100.6	124.5	60.4	8.1	0	36.5	152.1
ELTAN	99.5	104.6	86.8	124.3	59.7	8.0	0	41.3	157.0
9222407A				124.3	59.9	8.3	0	40.0	155.1
TUBBS	111.1	117.9	110.4	124.1	59.5	7.9	0	38.0	153.3
WA007934		107.2	97.0	123.8	59.9	8.9	0	41.8	156.3
BRUEHL	102.9	102.1	91.7	123.7	57.7	7.9	0	40.3	157.0
WA007935		108.4	102.9	123.7	60.5	9.0	0	40.3	157.0
ORCF-102			105.9	123.4	60.2	9.3	0	38.5	154.4
CODA	105.5	108.1	99.9	123.3	60.4	7.7	0	39.8	155.1
HUBBARD	100.5	104.8	94.1	123.0	59.4	8.0	0	42.3	154.0
ARS00258				122.6	59.3	7.6	0	39.0	154.8
MADSEN	101.9	108.0	107.9	121.8	59.1	8.1	0	36.8	155.1
WA007971			89.2	121.8	57.7	8.2	0	35.3	156.3
WA008000				119.5	59.8	8.6	0	38.0	157.0
STEPHENS	96.9	109.5	103.4	117.6	60.3	9.1	0	33.5	151.0
TUBBS 06				117.6	59.2	7.9	0	38.0	153.6
HILLER	99.7	99.9	95.0	116.9	57.4	7.9	0	39.0	153.6
WA007970			97.4	116.9	60.1	8.7	0	36.8	156.6
CONCEPT		106.6	98.7	116.3	60.1	8.3	0	35.3	154.8
ARS00235		109.2	102.0	116.2	60.8	8.0	0	41.5	155.1
IDAHO 587		104.8	101.1	116.2	60.4	9.4	0	34.8	151.0
ID990435				116.0	59.3	8.9	0	38.5	152.1
LAMBERT	102.5	106.0	103.7	115.9	59.8	8.4	0	37.8	151.0
ID990419				115.8	59.8	7.9	0	37.3	156.3
LEWJAIN	101.9	106.7	98.0	114.8	59.6	8.5	0	36.0	156.6
ARS97135-9		113.1	107.9	114.3	57.3	7.2	0	35.5	155.1
BU6W00-523				113.8	60.4	8.0	0	34.8	151.8
RELY	103.1	108.0	96.4	113.6	59.2	7.5	0	41.3	154.8
HILL 81	98.3	101.0	90.0	112.3	59.4	8.2	0	38.0	154.8
ARSC96059-1			99.8	112.1	61.6	8.6	0	40.3	154.4
ARSC96059-2				112.1	61.0	8.2	0	38.5	154.4
EDWIN	93.0	94.9	83.9	111.7	61.4	8.0	0	42.3	153.3
ORSS-1757			94.3	110.7	59.5	7.7	0	36.8	151.8
SIMON	98.4	105.2	105.6	109.4	58.7	8.3	0	35.5	153.6
CASHUP	99.0	105.7	98.1	107.9	60.1	8.0	0	34.3	154.0
ARS99123				107.0	61.3	9.0	0	36.0	154.0
BZ6WM02-1020				104.7	60.3	8.7	0	34.5	155.5
ORCF-101		102.6	94.9	97.7	59.6	9.7	0	35.3	151.8
BU6W99-456				96.1	62.5	9.3	0	33.5	145.8
WB 528		94.5	78.9	95.9	60.8	8.5	0	33.3	147.3
BZ6WM02-1154				81.9	61.5	9.7	0	31.3	149.9
WA007999				77.4	57.0	8.9	0	28.0	152.5
ORH010920				70.7	58.9	9.2	0	30.0	146.9
C.V. %	9.3	8.0	9.8	8.0	0.7	8.9	--	--	--
LSD '@. 10'	5.0	5.7	8.2	10.8	0.5	0.9	--	--	--
Average	103.9	108.1	100.4	116.2	59.6	8.3	0	37.2	154.0
Highest	115.1	123.9	122.1	139.1	62.5	9.7	0	42.5	157.0
Lowest	93.0	94.5	78.9	70.7	57.0	7.1	0	28.0	145.8

LAMONT SOFT WINTER WHEAT – 2006 WSU VARIETY TESTING DATA

1. 2006 Soft White Winter Wheat **YIELD DATA** from the WSU Variety Testing nursery at the Lamont location averaged 116.2 bu/ac, over 7% higher than the 3-year average at this location. *NOTE: The Lamont nursery was located ten miles south of Lamont, WA (G. White farm).*
2. This nursery was **seeded early** on 6 September 2005 on summer fallow ground using a plot drill with hoe openers into good soil moisture that was about 2-inches below the surface. This nursery had excellent emergence that resulted in a very even and uniform stand with fairly large wheat going into the winter. Even with considerable growth, most varieties handled the 17-19 Feb 2005 cold snap with little to no winter injury except for a couple of experimental lines (ORH010920 ,WA0079999) that sustained considerable yield reductions.
3. **Stripe rust** was not a factor in the 2006 nursery.
4. **Yield differences** among the varieties had a range of 70.7 to 139.1 bu/ac; however, many varieties/experimental lines had yields that were grouped very closely together and statistically equal. There appears to be somewhat of a trend that shows later maturing (later heading date) varieties with higher yields. This is not always the case; and the heading date differences are subtle; however, earlier/faster growing varieties may have been more negatively impacted by the drought/heat stress conditions from mid-April to mid-May before cooler temperatures and precipitation occurred at the end of May into the first of June. Late season precipitation and cooler weather during kernel development seemed to enhance test weight values for all varieties. Yield differences among varieties continue to be very subtle and for the most part, 2006 yield rankings track with the 3-yr and 5-yr yield rankings.
5. Average **Test Weight** values averaged 59.6 lb/bu with a **Percent grain protein** range of 7.1% to 9.7%.