

2006 WSU EXTENSION SOFT WHITE WINTER WHEAT NURSERY AT FAIRFIELD, 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
TUBBS 06				132.3	59.1	9.1	0	34.5	157.9
GEORGE		116.7	131.2	131.3	58.3	8.7	0	35.3	163.1
BRUNDAGE 96	109.4	120.7	134.3	129.9	59.3	9.2	0	31.3	157.5
ELTAN	109.5	116.3	127.9	126.9	58.8	8.4	0	35.5	162.4
MASAMI	107.3	114.7	127.1	126.2	58.4	9.2	0	35.3	160.5
WA007973			136.2	125.3	59.0	9.2	0	33.3	159.4
BU6W00-523				124.6	60.3	9.3	0	31.3	157.1
ARS97135-9		115.8	131.5	124.4	57.9	9.8	0	31.5	161.6
WA007935		113.4	123.3	124.1	59.3	9.0	0	34.0	162.8
MOHLER	115.4	122.1	137.0	123.7	60.1	9.3	0	34.3	154.9
TUBBS	117.5	123.5	139.4	122.9	59.3	8.6	0	33.0	157.5
ARS00235		116.9	131.9	122.7	60.2	9.2	0	36.8	160.5
RJAMES		119.8	136.3	121.6	57.7	8.4	0	29.0	160.1
MADSEN/ROD				121.2	59.2	9.0	0	31.8	159.0
MADSEN	112.1	115.7	125.4	121.1	59.7	9.5	0	33.5	159.0
ID990419				120.9	59.1	8.4	0	32.3	159.8
STEPHENS	108.3	115.9	130.2	120.8	60.3	9.6	0	29.0	156.8
ID990435				120.5	58.7	9.0	0	34.8	153.4
HILLER	108.3	112.5	124.8	120.4	57.5	9.4	0	31.8	159.8
ORCF-102			140.6	119.3	60.0	9.2	0	33.8	156.4
WA008000				119.2	59.3	9.3	0	34.0	160.5
BRUEHL	110.9	115.3	129.7	118.9	57.3	9.1	0	36.0	162.4
LEWJAIN	101.8	106.6	116.3	118.7	59.5	8.9	0	31.3	162.4
9222407A				118.4	59.4	8.9	0	35.3	158.3
ORCF-101		121.9	134.9	118.4	60.0	9.6	0	32.0	157.5
HUBBARD	106.2	114.9	129.0	118.3	60.0	9.2	0	37.8	157.5
ORSS-1757			132.5	118.2	59.4	9.0	0	33.3	156.0
SIMON	107.8	113.0	126.3	118.1	59.6	9.2	0	32.0	156.8
ROD	113.0	119.5	130.2	117.6	58.4	8.7	0	31.8	159.8
ORH010920				116.4	59.7	9.8	0	28.3	157.1
WA007934		110.8	124.1	116.3	58.7	8.4	0	33.8	162.8
RELY	108.8	111.9	118.9	116.1	59.4	8.7	0	34.3	160.1
CHUKAR	110.3	112.8	126.0	116.1	57.2	8.6	0	32.8	161.6
ARS99123				116.0	60.3	9.5	0	30.3	159.0
ARSC96059-2				115.9	60.3	9.2	0	36.0	159.4
CODA	113.6	118.2	124.7	115.8	60.9	9.5	0	35.3	159.4
WB 528		116.6	123.6	115.0	61.3	9.8	0	30.5	157.1
WA007970			120.5	114.8	59.7	9.2	0	33.0	160.5
LAMBERT	113.2	119.0	132.1	114.8	59.4	9.1	0	33.3	153.4
BU6W99-456				114.7	61.9	9.9	0	30.5	157.1
HILL 81	110.9	118.0	131.4	114.2	60.0	9.1	0	35.8	158.3
WA007999				113.9	58.3	9.2	0	24.8	159.4
BZ6WM02-1154				113.9	61.1	10.0	0	31.3	155.6
EDWIN	96.3	98.5	106.1	111.6	60.1	9.9	0	36.3	159.0
WA007971			115.1	111.1	57.0	8.4	0	29.0	161.6
BZ6WM02-1020				110.6	59.7	9.2	0	30.8	158.3
FINCH	105.9	109.8	123.2	110.5	60.1	8.2	0	33.0	162.0
CASHUP	109.8	117.7	129.4	110.1	59.7	9.0	0	30.5	157.5
IDAHO 587		118.8	130.3	109.2	60.0	9.7	0	29.8	156.4
ARSC96059-1			126.6	108.6	61.2	9.5	0	35.0	159.8
ARS00258				108.3	60.1	9.5	0	30.8	159.8
MJ-4	103.3	109.6	125.9	108.3	58.1	8.7	0	32.5	160.5
MJ-9	109.0	115.5	124.2	107.0	58.3	8.6	0	31.5	157.9
CONCEPT		112.8	126.2	104.7	59.6	8.7	0	30.0	157.9
C.V. %	8.2	8.8	8.2	7.9	0.6	5.2	--	--	--
LSD '@.10'	4.8	6.9	8.5	10.9	0.4	0.6	--	--	--
Average	109.1	115.3	127.8	117.8	59.4	9.1	0	32.7	158.9
Highest	117.5	123.5	140.6	132.3	61.9	10.0	0	37.8	163.1
Lowest	96.3	98.5	106.1	104.7	57.0	8.2	0	24.8	153.4

FAIRFIELD SOFT WHITE WINTER WHEAT – 2006 WSU VARIETY TESTING DATA

1. 2006 Soft White Winter Wheat **YIELD DATA** from the WSU Variety Testing nursery at the Fairfield, WA location averaged 117.8 bu/ac that was slightly above the 3-year historical average (115.3 bu/ac). *NOTE: The nursery was located about 5 miles northeast of Fairfield, WA on Marsh Rd (A. Anderberg farm).*
2. This nursery was **seeded** on 28 September 2005 on re-crop following lentils into fairly dry soil – moisture level was 5-6 inches below the soil surface. Late September/early October precipitation supported good germination and emergence and the wheat has in good shape going into the winter. In fact, volunteer lentils were extremely 'healthy' throughout the winter until the 17-19 February 2006 cold snap that finally knocked them out.
3. **Average yield rankings** of the highest yielding varieties bounced a round considerably compared to the 3-yr historical averages at this location. This nursery had excellent spring regrowth on all varieties based on an April 2006 field evaluation. However, variety differences at this location seem virtually impossible to explain. Very simply, it appears that all varieties basically 'ran-out-of-gas' about the same time with very little differences among large groups of varieties. Drought/heat stresses from mid-April to mid-May, end of June and in July probably were major contributors to the growth swings winter wheat in this nursery had to deal with. With this nursery in particular, it is important to look at historical yield averages rather than the 2006 numbers since the were so few 'statistical' differences among varieties.
4. **Quality** was good with an average **Test Weight** value was 59.4 lbs/bu and **percent grain protein** averaged of 9.1%.