

2006 WSU EXTENSION SOFT WHITE WINTER WHEAT NURSERY AT PULLMAN, 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
WA007934		151.8	149.3	171.2	59.8	9.7	0.0	37.0	162.0
HUBBARD	144.5	152.0	152.1	168.1	60.7	10.3	0.0	41.8	159.0
ID990419				167.4	59.3	9.5	0.0	36.0	160.5
WA007973			159.9	164.6	59.1	10.9	0.0	36.0	159.8
MJ-9	151.9	160.2	162.1	163.2	59.0	10.0	0.0	32.8	159.0
9222407A				160.4	59.6	10.4	0.0	38.0	160.5
TUBBS 06				159.7	58.9	10.1	0.0	35.8	159.4
TUBBS	151.9	155.8	151.1	159.5	58.9	10.0	0.0	35.3	159.4
ARS00235		144.1	142.8	158.7	60.8	10.9	5.0	41.0	160.9
ORCF-102			155.7	157.8	59.8	10.6	0.0	35.5	159.0
MOHLER	144.0	148.5	145.4	157.8	59.6	10.2	2.5	35.0	157.9
CODA	139.0	145.6	140.3	156.1	61.5	11.6	11.3	37.3	160.5
WA008000				155.0	59.8	11.1	0.0	37.8	160.9
ARSC96059-2				154.6	61.6	11.5	13.8	40.0	160.9
WA007970			147.2	154.5	60.0	11.1	0.0	37.0	161.6
BRUEHL	142.5	148.5	151.9	153.9	56.9	11.1	17.5	37.8	161.3
LAMBERT	143.1	153.4	154.8	153.9	59.2	10.3	0.0	35.8	156.8
WA007935		141.7	141.1	153.5	58.6	10.8	36.3	36.5	162.0
WA007971			143.2	152.9	58.0	10.5	0.0	33.8	160.9
FINCH	146.2	152.9	156.6	152.5	60.7	10.2	2.5	37.3	161.6
ORSS-1757			145.5	152.4	58.7	10.6	0.0	34.5	157.1
GEORGE		142.4	136.0	152.4	58.7	10.4	23.8	38.8	162.0
RJAMES		145.2	142.7	151.4	57.3	9.8	0.0	29.8	159.0
ARS97135-9		151.8	159.5	149.9	57.2	11.7	0.0	34.8	160.1
CHUKAR	145.1	152.4	152.7	149.5	57.9	10.8	7.5	37.0	160.9
ORCF-101		144.5	143.3	148.9	59.5	11.2	0.0	32.5	157.5
MADSEN/ROD				148.6	58.9	10.6	0.0	33.3	159.8
BZ6WM02-1020				148.3	59.9	10.9	20.0	34.8	160.1
IDAHO 587		149.7	147.0	147.7	58.6	11.0	6.3	30.3	155.3
ARS99123				147.4	59.0	11.2	0.0	32.5	157.1
RELY	131.9	132.9	129.0	147.2	57.9	11.6	30.0	38.3	159.8
MJ-4	144.3	151.1	152.9	147.0	58.4	10.7	0.0	34.5	160.9
ROD	150.2	157.7	159.0	146.5	57.9	10.8	10.0	34.0	159.4
HILL 81	144.8	153.3	154.7	146.4	59.8	11.0	20.0	37.5	160.5
MASAMI	140.4	145.6	143.5	146.1	57.9	10.7	0.0	36.3	161.6
BU6W99-456				146.1	61.1	11.5	0.0	31.5	156.0
SIMON	142.5	147.0	149.1	145.9	58.5	10.9	0.0	34.8	159.0
MADSEN	142.2	150.0	153.1	145.5	58.7	11.6	0.0	35.8	159.8
BRUNDAGE 96	139.6	144.8	148.9	144.2	58.0	10.7	0.0	33.5	158.3
STEPHENS	142.8	154.5	151.8	143.9	58.6	10.7	3.8	31.5	155.6
BU6W00-523				143.8	60.3	10.8	0.0	33.0	156.4
ARS00258				143.6	59.5	11.8	3.8	37.3	159.4
ARSC96059-1			138.6	143.3	61.4	12.1	36.3	38.8	160.5
ID990435				142.6	57.6	11.1	0.0	36.8	157.1
WA007999				140.0	57.1	11.4	0.0	27.8	157.5
ORH010920				138.8	57.8	11.4	0.0	28.8	154.5
EDWIN	123.9	122.9	109.0	138.1	60.9	11.9	25.0	41.5	159.4
CONCEPT		145.1	148.2	137.2	60.4	10.4	0.0	32.8	159.0
CASHUP	137.6	144.2	143.9	136.6	60.0	10.6	0.0	33.0	158.3
BZ6WM02-1154				135.2	59.5	12.4	0.0	31.8	155.6
HILLER	140.1	142.6	140.6	134.5	55.7	11.6	0.0	35.5	159.0
WB 528		144.5	142.1	134.4	59.9	11.2	0.0	32.5	155.3
ELTAN	137.0	140.9	127.9	126.4	58.8	10.5	76.3	36.5	162.0
LEWJAIN	125.1	123.4	114.5	122.1	58.2	10.7	35.0	34.5	161.6
C.V. %	7.2	7.9	9.2	7.3	1.0	5.6	--	--	--
LSD '@.10'	5.4	7.8	11.2	12.8	0.7	0.7	--	--	--
Average	141.3	146.7	145.8	149.0	59.1	10.9	7.2	35.3	159.3
Highest	151.9	160.2	162.1	171.2	61.6	12.4	76.3	41.8	162.0
Lowest	123.9	122.9	109.0	122.1	55.7	9.5	0.0	27.8	154.5

PULLMAN SOFT WINTER WHEAT – 2006 WSU VARIETY TESTING DATA

1. 2006 Soft White Winter Wheat **YIELD DATA** from the WSU Variety Testing nursery at the Pullman location averaged 149.0 bu/ac that was only 1.5% higher than the 3-year average at this location (146.7 bu/ac). *NOTE: The Pullman nursery was located 6 miles southwest of Pullman, WA on Sand Rd (N. Druffel & Sons farm) The Hard Winter and Soft White Winter nurseries were co-located.*
2. This nursery was **seeded** at the same time as the hard nursery (above) on 30 September 2005 on re-crop ground following dry peas into fairly dry soil. Soil moisture was about 5-6-inches below the surface. It rained 1.33 inches in during the 5-days following seeding that resulted in good emergence and a very even and uniform stand.
3. This nursery was not impacted by the mid-February 2006 cold snap and a March 2006 field evaluation showed strong early spring regrowth in nearly all varieties.
4. **Yield differences** among the varieties had a range of 122.1 bu/ac to 171.2 bu/ac; however, many of varieties/experimental lines had yields that were grouped very closely together and statistically equal. For those of you who have taken the time to read these narratives, you will note that Tubbs and Tubbs 06 finally had the same yield!! Variety rankings seemed to tracked 3-year and 5-year ranking trends; however, there are very little yield differences among a high percentage of the varieties in the trial. There might be a slight trend that shows later maturing (heading date) varieties had a yield edge than earlier maturing varieties this year at this location. Quite a few of the varieties/experimental lines with lower yields also have some of the earlier heading date (maturity) ratings. Varieties with earlier maturity could have been more heavily impacted by the dry/heat stress during the mid-April to mid-May 2006 period that restricted early growth and development and subsequently diminished yield potentials.
5. Average **Test Weight** values were 59.1 lb/bu and **percent grain protein** averaged 10.9%.