

2006 WSU EXTENSION SOFT WHITE WINTER WHEAT NURSERY AT HARRINGTON, 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
WA007973	--	--	--	78.9	60.2	11.2	0.0	33.3	146.0
TUBBS	--	--	--	78.5	59.7	10.9	0.0	34.5	143.0
MJ-9	--	--	--	77.6	57.3	11.6	0.0	31.0	144.9
ORCF-102	--	--	--	77.0	60.1	11.5	0.0	34.5	144.5
RELY	--	--	--	76.6	60.2	11.1	0.0	32.8	144.9
ARS00258	--	--	--	76.4	60.6	11.1	0.0	30.5	147.1
GEORGE	--	--	--	75.8	59.2	12.0	0.0	32.8	153.5
MOHLER	--	--	--	75.6	60.2	11.2	0.0	32.8	144.9
CODA	--	--	--	75.3	61.4	11.7	0.0	33.8	146.4
MASAMI	--	--	--	73.7	58.9	11.3	0.0	33.8	148.6
HILL 81	--	--	--	73.5	60.8	11.9	0.0	33.5	143.8
ARS00235	--	--	--	73.1	60.4	12.5	0.0	33.0	149.4
BRUNDAGE 96	--	--	--	73.1	59.3	11.0	0.0	31.0	144.1
BZ6WM02-1020	--	--	--	72.5	59.8	11.7	0.0	32.3	146.4
FINCH	--	--	--	71.9	61.4	11.0	0.0	31.8	152.4
MADSEN/ROD	--	--	--	71.8	59.3	11.8	0.0	31.0	145.6
ROD	--	--	--	71.4	58.8	11.1	0.0	30.0	150.5
CHUKAR	--	--	--	71.2	58.2	11.3	0.0	31.3	149.4
TUBBS 06	--	--	--	70.3	59.3	10.8	0.0	34.3	144.9
BU6W00-523	--	--	--	69.9	60.7	11.7	0.0	32.0	145.3
CONCEPT	--	--	--	69.6	60.4	11.8	0.0	29.8	146.4
LAMBERT	--	--	--	69.5	59.9	10.6	0.0	34.3	143.0
ORCF-101	--	--	--	69.3	60.2	11.6	0.0	32.3	143.8
SIMON	--	--	--	69.2	60.2	11.2	0.0	32.8	143.8
ARSC96059-2	--	--	--	69.1	61.1	12.4	0.0	34.3	143.4
BRUEHL	--	--	--	69.0	59.0	11.6	0.0	34.3	147.9
RJAMES	--	--	--	69.0	59.3	11.4	0.0	29.3	149.4
WB 528	--	--	--	68.7	61.7	12.4	0.0	32.0	143.8
WA007935	--	--	--	68.6	59.5	12.1	0.0	32.8	150.9
HUBBARD	--	--	--	68.6	60.6	11.5	0.0	37.5	142.3
HILLER	--	--	--	67.4	58.3	11.2	0.0	32.3	144.5
LEWJAIN	--	--	--	67.4	61.3	11.4	0.0	30.3	151.6
IDAHO 587	--	--	--	67.4	59.2	11.7	0.0	31.0	144.1
ARSC96059-1	--	--	--	67.3	61.0	12.1	0.0	33.3	144.9
WA008000	--	--	--	67.0	60.1	12.0	0.0	32.0	147.9
ARS97135-9	--	--	--	66.9	58.4	11.6	0.0	29.5	147.5
MADSEN	--	--	--	65.6	59.8	11.6	0.0	32.0	145.3
MJ-4	--	--	--	65.5	57.2	12.2	0.0	31.8	152.0
WA007971	--	--	--	65.4	56.2	11.5	0.0	29.5	153.9
ARS99123	--	--	--	65.2	60.6	12.4	0.0	29.8	144.9
ID990419	--	--	--	64.4	60.3	11.6	0.0	30.8	149.8
WA007970	--	--	--	64.2	60.3	12.0	0.0	32.0	152.4
WA007934	--	--	--	63.5	60.0	11.6	0.0	32.8	150.1
CASHUP	--	--	--	63.4	60.5	11.8	0.0	29.8	145.6
EDWIN	--	--	--	63.3	60.0	11.3	0.0	35.0	145.6
ELTAN	--	--	--	62.9	60.5	11.8	16.3	31.0	154.3
STEPHENS	--	--	--	62.7	59.2	11.4	0.0	30.0	144.9
BU6W99-456	--	--	--	62.7	61.6	12.8	0.0	29.3	144.5
ID990435	--	--	--	62.4	59.3	11.5	0.0	33.8	142.6
9222407A	--	--	--	62.2	60.8	12.0	0.0	32.8	146.8
BZ6WM02-1154	--	--	--	61.3	60.3	12.8	0.0	29.0	146.0
ORH010920	--	--	--	57.4	59.7	11.9	0.0	28.0	144.9
WA007999	--	--	--	55.7	56.5	12.1	0.0	27.5	146.4
ORSS-1757	--	--	--	54.2	59.7	11.9	10.0	32.3	144.1
C.V. %	--	--	--	7.9	0.7	5.3	--	--	--
LSD '@. 10'	--	--	--	6.3	0.5	0.7	--	--	--
Average	--	--	--	68.5	59.8	11.7	0.5	31.9	146.8
Highest	--	--	--	78.9	61.7	12.8	16.3	37.5	154.3
Lowest	--	--	--	54.2	56.2	10.6	0.0	27.5	142.3

HARRINGTON SOFT WINTER WHEAT – 2006 WSU VARIETY TESTING DATA

1. 2006 Soft White Winter Wheat **YIELD DATA** from the WSU Variety Testing nursery at the Harrington location averaged 68.5 bu/ac. *NOTE: The Harrington nursery was located ten miles southwest of Harrington on Hardy Road (M. Kramer farm).*
2. This nursery was seeded on 15 September 2005 on summer fallow ground using a deep furrow split packer plot drill into good soil moisture that was about 3-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. The 17-19 Feb 2005 cold snap caused little to no winter injury for the majority of varieties.
3. **Stripe rust** was not a factor in the 2006 nursery.
4. **Yield differences** among the varieties had a range of 56.2 bu/ac to 78.9 bu/ac; however, many varieties/experimental lines had yields that were grouped very closely together and statistically equal. Yields of the three lowest yielding experimental lines in the nursery (ORSS-1757, WA007999 and ORH01920) are probably a function of cold injury based on visual observations made in March 2006. Late season precipitation and cooler weather during kernel development seemed to enhance test weight values for all varieties.
5. Average **Test Weight** values averaged 59.8 lb/bu with a **Percent grain protein** range of 10.6-12.8%.