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

Name		5 YEAR	3 YEAR	2 YEAR	2006					
NOD 116.8 120.0 109.8 99.2 56.9 11.8 0 32.3 162.5		AVERAGE	AVERAGE	AVERAGE				LODGING	PLANT	
MADSPINGO 100.8 111.2 101.2 95.5 56.8 11.6 0 33.5 150.6	Variety Name	(BU/A)	(BU/A)	(BU/A)	(BU/A)	(LBS/BU)	(%)	(%)	HT	DATE
MAD-14 198	ROD	116.8	120.0	109.8	98.2	56.9	11.8	0	32.3	162.5
WAG97971	WA007973					58.7				
NB 528		109.8	111.2							
TUBBS										
MADSENROD 94.4 56.3 12.1 0 33.0 152.5		444.0								
BURNON 523		111.3	120.8	108.2						
No. Color No. No										
HILL B. 111.2				106.5						
RZEWING2-1020 RJAMES		111 2	117 1							
RJAMES		111.2	117.1	100.2						
CONCEPT			118 6	107.0						
MASAM 111.0										
BUSW9-4966 90.2 61.3 12.8 0 30.5 152.8 TUBBS 0 10.4 114.5 103.8 88.6 56.1 11.5 0 32.0 162.5 TUBBS 0 37.7 11.9 0 35.5 160.6 37.7 11.9 0 32.8 168.6 38.6 38.6 38.7 12.1 0 32.8 168.6 38.6 38.8 38.		111.0								
NJ-9										
ORCF-101 113.7 103.3 88.9 58.7 12.1 0 32.8 158.8 ID990419 88.6 58.8 11.4 0 33.0 163.3 MADSEN 104.2 107.3 100.8 88.4 58.9 12.1 0 33.5 162.1 CASHUP 106.4 110.9 100.3 88.4 58.7 11.0 0 30.3 161.0 WA007970 100.6 86.8 58.7 11.9 0 32.8 160.6 CODA 105.3 109.2 99.0 86.6 59.7 12.1 0 32.8 160.6 CODA 105.3 109.2 99.0 86.6 59.7 12.1 0 33.3 160.0 ARS99123 1 80.0 101.2 84.6 69.0 12.0 0 22.3 161.0 FINCH 108.7 112.0 101.2 84.6 89.0 12.0 0 37.5 161.4 <tr< td=""><th></th><td>110.4</td><td>114.5</td><td>103.8</td><td>89.6</td><td></td><td></td><td>0</td><td>32.0</td><td></td></tr<>		110.4	114.5	103.8	89.6			0	32.0	
Depolaries	TUBBS 06							0	35.5	
MADSEN 104.2 107.3 100.8 88.4 58.9 12.1 0 33.5 162.1 CASHUP 106.4 110.9 100.3 88.4 58.7 11.5 0 33.5 166.0 WA007970 100.6 88.0 59.7 11.5 0 33.5 166.0 CODA 105.5 109.1 100.6 86.8 59.7 12.1 0 32.8 160.6 CODA 105.3 109.2 99.0 86.6 59.7 12.1 0 35.0 162.0 WA008000 85.1 59.4 11.4 0 33.3 164.0 RINCH 106.7 112.0 101.2 84.4 59.3 11.8 0 34.3 164.0 ARS99629.2 1 100.2 84.6 83.2 58.6 11.7 0 31.3 163.6 CHWJAIL 108.8 96.1 82.3 55.92 12.0 0 31.3 163.6 <	ORCF-101		113.7	103.3	88.9	58.7	12.1	0	32.8	158.8
CASHUP 106.4 110.9 100.3 88.4 58.7 11.0 0 30.3 161.0 WA007970 100.6 88.8 59.7 11.5 0 33.5 163.6 SIMON 105.6 109.1 100.6 88.8 58.7 11.9 0 32.8 163.6 CODA 105.3 109.2 99.0 86.6 59.7 12.1 0 55.0 162.1 WA008000 86.6 59.0 12.0 0 29.0 161.0 FINCH 108.7 112.0 101.2 84.6 59.0 12.0 0 29.3 161.0 FINCH 108.7 112.0 101.2 84.4 59.3 11.8 0 34.3 164.0 FINCH 108.7 10.0 84.6 83.2 58.6 11.7 0 31.3 163.6 ARSC96059-2 10.5 84.6 83.2 58.6 11.7 0 34.5 159.1 <	ID990419				88.6	58.8	11.4	0		163.3
NADOT970	MADSEN	104.2	107.3	100.8	88.4	58.9		0	33.5	162.1
SIMON 105.6 109.1 100.6 86.8 58.7 11.9 0 32.8 160.6	CASHUP	106.4	110.9	100.3	88.4	58.7	11.0			161.0
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IDAHO 587	ORSS-1757			99.8	78.8	59.6	11.1	0	33.0	158.8
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The color of the	IDAHO 587		104.9	94.8	77.3	58.3	12.0	0	30.3	158.0
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BZ6WM02-1154	ID990435				74.2	57.2	12.0		36.0	159.1
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Average 104.1 107.2 96.3 81.6 58.3 11.8 0 33.1 161.0 Highest 116.8 120.8 109.8 98.2 61.3 13.1 0 38.3 164.0		4.2	4.4	5.1	7.6	0.8				
·				96.3	81.6		11.8	0	33.1	161.0
Lowest 80.1 75.7 63.7 48.9 54.7 11.0 0 26.0 152.8	Highest			109.8	98.2	61.3		0	38.3	164.0
	Lowest	80.1	75.7	63.7	48.9	54.7	11.0	0	26.0	152.8

MAYVIEW 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 Mayview, WA location averaged 81.6 bu/ac that was 23.8%% lower than the 3-year historical average (107.2 bu/ac). NOTE: The Mayview nursery was located in Garfield County approximately 25 miles northeast of Pomeroy, WA on the Tramway Rd. This nursery overlooks and is on what is called the 'breaks' of the Snake River, approximately 10 miles SE of Lower Granite Dam. The nursery is in a 16"-20" rainfall region. (Roger & Randy Koller farm).
- 2. This nursery was **seeded fairly late** on 17 October 2005 on fallow ground using a plot drill with double-disc openers into soil moisture that was about 2-inches below the surface. This nursery had good emergence that resulted in a very even and uniform stand going into the winter.
- 3. This nursery appeared to have taken some hits from the up-and-down weather patterns during the 2005-2006 growing season based on the below normal yield averages. A field evaluation on 4 April 2006 showed good winter survival of all varieties/experimental lines suggesting that yields were probably more influenced by dry/heat stress periods during early growth and grain fill stages of development.
- 4. Yield average rankings tracked closely with historical 2-yr and 5-yr averages. This has always been a nursery where ROD planted as a single variety has topped the nursery in almost every year and holds the top spot in all historical yield rankings. It is kind of difficult to separate varietal differences based on average yields. One observation is that 13 out of the 20 highest yielding varieties have Madsen pedigrees. Madsen ranked 20th out of the 54 entries. In addition, some of the early maturing (heading date) varieties such as Stephens, IDO587, Lambert, and Brundage 96 were in the lower half of the yield rankings suggesting that they may have been more severely impacted by the dry/heat stress during mid-April to mid-May 2006 that was typically a time of rapid growth for these varieties. Many of the varieties/experimental lines had average yields that were very comparable with little 'statistical' difference.
- 5. Average **Test Weight** value was 58.3 lbs/bu and **Percent grain protein** average was 11.8%.