

**2005 VARIETY TESTING
WASHINGTON STATE UNIVERSITY
MOSES LAKE (IRRIGATED) HARD WINTER WHEAT NURSERY**

	VARIETY NAME	YIELD BU/A	TEST WT	% PROTEIN	HEAD DATE	PLANT HT	LODGE %
Soft White	STEPHENS	153.9	59.3	12.1	21-May	38.0	47
Hard Red	RESIDENCE	194.6	63.4	12.6	22-May	46.0	52
	ORN96B604	191.4	58.6	12.1	23-May	35.0	0
	ORN99-0619	188.6	59.3	12.0	22-May	39.0	17
	ORN98-0995	180.1	60.3	12.4	24-May	38.0	0
	ORN00B553	180.0	62.8	12.6	20-May	37.0	8
	ORN00B507	176.6	60.0	13.0	21-May	36.0	0
	BOUNDARY	166.4	62.2	12.8	22-May	42.0	45
	W98-263	163.4	62.5	12.9	19-May	43.0	35
	BC97ROM-35	163.0	63.4	13.0	20-May	42.0	58
	DECLO	161.1	61.7	12.7	21-May	40.0	0
	CDC FALCON	159.2	63.4	12.4	20-May	41.0	25
	MAYFAIR	155.1	53.3	13.1	26-May	34.0	0
	BZ9W96-788-E	153.5	63.6	12.4	19-May	42.0	32
	PALADIN	151.7	62.4	12.7	21-May	41.0	3
	ID621	150.9	62.3	12.1	19-May	41.0	55
	W98-157	150.8	62.6	13.4	19-May	43.0	60
	JSDM127	143.4	61.9	12.5	22-May	39.0	13
	BC97ROM-48	140.6	62.4	13.8	20-May	40.0	67
	MORELAND	137.8	60.8	12.8	19-May	42.0	0
	W98-344	136.4	62.3	13.6	19-May	41.0	38
	D56-9	130.1	62.0	13.4	18-May	40.0	78
	BAUERMEISTER	128.8	61.1	12.6	25-May	42.0	87
	ID640	121.4	59.5	12.4	23-May	40.0	42
	DW	120.1	61.9	13.0	21-May	42.0	80
Hard White	W96-359W	164.4	61.6	12.9	20-May	40.0	8
	JSDM124	162.0	60.6	11.9	20-May	40.0	55
	TAMARACK	131.3	58.6	11.6	27-May	35.0	33
	MDM	128.8	60.7	11.6	25-May	43.0	93
	ID641	125.2	62.5	12.2	20-May	43.0	80
	NURSERY MEAN	153.7	61.2	12.6			
	CV %	9.9	0.9	3.9			
	LSD @ .10	20.8	0.7	0.7			

Planted: October 6, 2004 Harvested: August 8, 2005

MOSES LAKE HARD WINTER WHEAT (IRRIGATED) – 2005 WSU VARIETY TESTING DATA

1. 2005 Hard Winter Wheat data from the WSU Variety Testing nursery at the Moses Lake location averaged 153.7 bu/ac. *NOTE: The 2005 nursery was located approximately 5 miles SE of Moses Lake on Rd 3 SE and was under a center pivot irrigation system following potatoes.*
2. There was very little disease pressure in this nursery. Stripe rust infections were apparent during a 15 June 2005 evaluation; however, it appears that infection impacts were minimal.
3. PERCENT LODGING ranged from 0 to 93% with a nursery average of 37%. There was a slight trend of yield reductions with higher levels of lodging.
4. Total available Nitrogen for this nursery was estimated at 360#N.
5. Stephens is included in the nursery as a yield check variety because it continues to be a highly popular and adapted soft white winter wheat variety under irrigation.