

## 2008 WSU EXTENSION HARD WINTER WHEAT NURSERY AT HORSE HEAVEN, WA.

Variety Name *HDWH Italized	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2008					
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	LODGING (%)	PLANT HT	HEAD DATE
FARNUM	--	39.8	33.7	25.2	55.9	14.3	0	22.3	152.1
IDO621	--	39.1	31.7	24.2	59.8	13.7	0	20.8	148.0
DH99-37-100	--			24.2	60.0	13.4	0	25.0	147.3
ELTAN	--	40.1	38.4	23.5	58.7	13.5	0	22.5	150.3
<i>MDM</i>	--	36.5	36.6	22.8	58.4	13.7	0	22.5	150.6
WA008060	--			22.8	56.6	14.2	0	23.3	151.4
WA008022	--		33.1	22.6	57.9	13.7	0	23.0	148.4
BAUERMEISTER	--	37.4	36.4	22.4	55.4	14.2	0	22.0	150.3
WA008067	--			22.3	57.9	13.8	0	20.5	149.5
WA008068	--			22.2	59.3	14.5	0	23.5	148.0
HATTON	--	34.6	29.3	21.1	62.2	14.1	0	24.0	149.1
FINLEY	--	35.8	33.0	21.1	59.4	15.5	0	23.8	148.0
<i>PALOMINO</i>	--	32.0	27.0	21.0	60.6	14.3	0	18.8	145.4
<i>WA008070</i>	--			20.9	58.2	14.0	0	23.5	151.8
BZ9W02-2032	--		28.4	20.8	61.8	14.8	0	20.8	143.5
ML9W05-2506	--			20.8	60.6	14.6	0	21.8	147.6
BC002-2	--			20.4	59.5	15.0	0	20.8	146.5
TX97F4-33-1B	--		32.3	20.3	62.1	14.0	0	19.8	143.5
<i>NUDAKOTA</i>	--			20.1	60.6	14.1	0	18.8	144.3
ACS 52025	--		29.8	19.8	60.4	14.3	0	22.8	146.5
WA008061	--			19.7	60.0	15.4	0	23.5	149.9
W98-344	--	33.4	28.4	19.6	59.2	14.6	0	21.0	146.1
BOUNDARY	--	37.7	30.9	19.2	57.1	14.5	0	19.3	148.4
<i>UIDARWIN</i>	--	33.0	27.8	19.2	61.4	14.2	0	24.5	146.9
NORWEST 553	--	36.1	33.0	18.4	60.0	14.8	0	19.3	148.8
DECLO	--		25.6	18.3	60.9	15.7	0	21.5	147.6
WA008069	--			17.4	57.7	14.1	0	20.3	149.1
EDDY	--	33.3	27.7	17.2	60.2	14.8	0	19.8	148.0
AGRIPRO PALADIN	--	31.3	25.6	17.2	61.4	14.5	0	20.0	146.9
WA008023	--		35.7	16.4	54.9	14.2	0	19.8	150.3
C.V. %	--	11.0	12.1	15.0	--	4.2	--	--	--
LSD '@ .10'	--	2.4	2.9	3.6	--	0.7	--	--	--
Average	--	35.7	31.2	20.7	59.3	14.4	0	21.6	148.1
Highest	--	40.1	38.4	25.2	62.2	15.7	0	25.0	152.1
Lowest	--	31.3	25.6	16.4	54.9	13.4	0	18.8	143.5

## **HORSE HEAVEN HARD WINTER WHEAT – 2008 WSU VARIETY TESTING DATA**

1. 2008 Hard Winter Wheat **YIELD DATA** from the WSU Variety Testing nursery at the Horse Heaven location averaged 20.7 bu/ac; about 51% below normal 3-yr average yields. *NOTE: The Horse Heaven nursery was located on Davis Rd (D. Roseberry farm).* This nursery was seeded on 15 October 2007 on summer fallow ground using a plot drill with double disc openers (6-inch spacing). Seeding rate was 45# per acre. The base fertilizer rate was 40#N per acre. March 2008 soil test analyses showed 147#N, 15#P and 8#S in a 4-foot soil profile.
2. Wheat quality in terms of **test weight** averaged 59.3 lbs/bu. Individual plots did not produce a sufficient amount of grain to run test weight values individually, all 4 replicates were bulked together to obtain one value for each entry. Therefore, no analysis was done for test weight and values for C.V. and LSD are not included.
3. **Percent grain protein** had a range of 13.4% to 15.7% with an average of 14.4%.