

## 2008 WSU EXTENSION HARD WINTER WHEAT NURSERY AT ST. ANDREWS, 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
IDO621		54.9	51.7	61.1	59.9	12.1	0	30.8	160.5
<i>MDM</i>	64.6	56.3	49.5	60.0	59.0	11.4	0	29.3	164.3
<b>BOUNDARY</b>	64.1	57.9	52.3	59.6	59.2	12.1	0	29.3	161.6
<b>FARNUM</b>		53.1	49.2	55.4	57.6	12.9	0	35.8	166.9
<b>ELTAN</b>	65.4	60.5	48.8	54.5	58.4	10.8	0	28.5	165.4
<b>BAUERMEISTER</b>	61.1	52.6	45.4	54.0	55.0	11.6	0	30.5	165.8
<b>WA008060</b>				48.7	57.3	12.5	0	36.0	166.5
<b>WA008061</b>				48.4	60.3	12.9	0	37.0	162.4
<b>FINLEY</b>	54.3	53.2	47.1	48.3	60.1	12.7	0	37.3	159.8
<b>WA008023</b>			41.5	45.5	57.1	12.6	0	31.8	163.5
<b>ACS 52025</b>			45.0	44.3	57.7	13.0	0	29.3	159.8
<b>DH99-37-100</b>				44.3	60.8	12.0	0	34.5	162.4
<i>WA008070</i>				44.3	57.6	11.8	0	32.5	166.5
<b>WA008068</b>				44.1	56.9	13.1	0	33.0	162.4
<i>NUDAKOTA</i>				43.3	60.0	13.0	0	25.8	156.4
<b>AGRIPRO PALADIN</b>	47.3	43.5	37.6	42.0	60.4	13.6	0	29.8	158.6
<b>WA008022</b>			43.5	41.7	57.7	12.0	0	34.5	162.4
<b>BC002-2</b>				41.7	57.3	13.3	0	25.8	159.0
<b>HATTON</b>	52.3	45.9	40.4	40.4	58.4	12.9	0	33.8	163.1
<b>WA008067</b>				40.4	57.5	12.0	0	28.0	162.8
<b>W98-344</b>		41.0	37.8	38.1	58.0	13.6	0	26.5	158.6
<b>BZ9W02-2032</b>			34.6	37.3	58.5	13.8	0	29.3	159.0
<b>TX97F4-33-1B</b>			39.4	37.1	61.9	12.7	0	26.5	156.4
<i>UI DARWIN</i>	45.1	42.0	34.9	36.4	60.7	13.0	0	31.3	161.6
<b>ML9W05-2506</b>				35.3	59.7	13.5	0	27.3	161.6
<i>PALOMINO</i>		41.6	35.0	35.1	59.7	13.2	0	25.5	158.3
<b>EDDY</b>	55.8	42.6	35.5	34.7	59.7	14.1	0	26.5	159.4
<b>WA008069</b>				30.6	53.4	12.8	0	28.5	164.4
<b>NORWEST 553</b>		31.8	24.6	29.2	50.8	12.6	0	22.9	162.4
<b>DECLO</b>	33.6		24.3	25.3	52.4	12.8	0	26.4	162.0
<b>C.V. %</b>	18.0	18.0	16.5	16.0	3.8	4.6	--	--	--
<b>LSD '@ .10'</b>	4.8	5.5	5.6	8.2	2.6	0.7	--	--	--
<b>Average</b>	54.4	48.4	40.9	43.4	58.1	12.7	0	30.1	161.8
<b>Highest</b>	65.4	60.5	52.3	61.1	61.9	14.1	0	37.3	166.9
<b>Lowest</b>	33.6	31.8	24.3	25.3	50.8	10.8	0	22.9	156.4

## ST. ANDREWS HARD WINTER WHEAT – 2008 WSU VARIETY TESTING DATA

1. 2008 Hard Winter Wheat **YIELD DATA** from the WSU Variety Testing nursery at the St. Andrews location averaged 43.4 bu/ac that is about 29.0% less than the historical 3-yr yield averages at this location. *NOTE: The St Andrews nursery was located 5 miles northwest of Coulee City, WA off Highway 2 on the St. Andrews South Road NE (L. Tanneberg farm).*
2. This nursery was **seeded** on 6 September 2007 on summer fallow ground using a deep furrow plot drill with split packer openers, 15-inch spacing, seeding rate was 45#/acre. The base fertilizer rate was 65#N and 8#S. March 2008 soil test analyses showed 284#N, 17#P and 17#S in a 3-foot soil profile.
3. Wheat quality in terms of **test weight** averaged 58.1 lbs/bu.
4. **Percent grain protein** had a range of 10.8% to 14.1% with an average of 12.7%.
5. **Snow mold** was an issue at this location due to the long period of snow cover.