

**2005 VARIETY TESTING
WASHINGTON STATE UNIVERSITY
HORSE HEAVEN HARD WINTER WHEAT NURSERY**

VARIETY NAME	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2005 YIELD (BU/A)	2005 TEST WT. (LBS/BU)	2005 PROTEIN (%)
WA7977	---	---	---	46.3 (1)	59.3	10.0
RESIDENCE	---	---	---	44.8 (2)	56.5	11.2
WA7976	---	---	---	44.5 (3)	59.7	10.4
BUCHANAN	---	---	---	43.8 (4)	60.0	9.2
MDM	---	---	---	43.6 (5)	59.1	9.4
Q. HYB 542	---	---	---	43.2 (6)	60.9	11.4
BZ9W96-788-E	---	---	---	42.0 (7)	60.7	11.0
PALADIN	---	---	---	41.4 (8)	60.9	11.5
BOUNDARY	---	---	---	41.0 (9)	59.4	9.9
DW	---	---	---	40.9 (10)	61.3	10.7
W98-344	---	---	---	40.7 (11)	60.6	11.3
BAUERMEISTER	---	---	---	40.6 (12)	59.2	9.9
WA7979	---	---	---	40.3 (13)	58.1	10.6
WA7978	---	---	---	39.4 (14)	56.4	11.3
ELTAN	---	---	---	39.3 (15)	58.6	10.2
CDC FALCON	---	---	---	39.0 (16)	59.4	11.1
WANSER	---	---	---	38.7 (17)	61.1	10.7
WESTON	---	---	---	38.0 (18)	61.8	11.3
W98-263	---	---	---	37.5 (19)	59.8	12.0
W98-157	---	---	---	37.5 (20)	59.9	10.8
WA7975	---	---	---	36.1 (21)	59.2	10.4
WA7980	---	---	---	34.0 (22)	58.9	11.7
MORELAND	---	---	---	31.4 (23)	58.8	10.8
HATTON	---	---	---	29.1 (24)	62.6	10.4
NURSERY MEAN	---	---	---	39.7	59.7	10.7
CV %	---	---	---	7.8	0.5	6.9
LSD @ .10	---	---	---	3.7	0.4	0.9

HORSE HEAVEN HARD WINTER WHEAT – 2005 WSU VARIETY TESTING DATA

1. Attached is the 2005 Hard Winter Wheat data from the WSU Variety Testing nursery at the Horse Heaven location. Average yield was 39.7 bu/ac that is over 50% higher than historical yields at this location. Contributing to the higher than average yield was excellent germination and emergence during fall 2004. Timely spring precipitation also contributed significantly. (NOTE: 2-5 year averages are not included in this data set since the 2004 nursery was not harvested due to poor emergence).
2. Historical averages can be found on the WSU Variety Testing web site for the 2003 data set: http://variety.wsu.edu/2003/2003_Original_Tables/2003_Hard_Winter_Wheat.xls
3. Stripe rust was present in the hard winter wheat at the Horse Heaven location. Varieties most severely infected were Hatton and Moreland as noted in the lower yields.
4. Eltan is included in the nursery as a yield check variety.