

**2005 VARIETY TESTING
WASHINGTON STATE UNIVERSITY
CONNELL 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 (%)
WA7976	---	---	---	64.7 (1)	58.5	12.6
WA7977	---	---	---	54.6 (2)	58.0	12.3
WA7979	---	---	---	54.6 (3)	56.9	12.6
ELTAN	---	---	---	54.3 (4)	58.7	12.6
W98-344	---	---	---	51.7 (5)	59.0	12.6
WA7980	---	---	---	50.2 (6)	58.3	14.0
BAUERMEISTER	---	---	---	50.2 (7)	58.8	12.6
RESIDENCE	---	---	---	49.3 (8)	55.2	12.9
Q. HYB 542	---	---	---	48.6 (9)	58.9	13.7
WA7975	---	---	---	48.4 (10)	58.4	13.4
DW	---	---	---	48.3 (11)	59.3	13.8
WA7978	---	---	---	47.8 (12)	55.6	13.0
W98-157	---	---	---	47.7 (13)	58.1	12.6
PALADIN	---	---	---	47.5 (14)	59.7	13.4
BZ9W96-788-E	---	---	---	46.9 (15)	59.2	12.9
W98-263	---	---	---	46.1 (16)	58.6	13.4
WESTON	---	---	---	43.4 (17)	60.0	13.3
BOUNDARY	---	---	---	42.5 (18)	58.2	12.7
MDM	---	---	---	42.2 (19)	58.2	12.9
BUCHANAN	---	---	---	41.9 (20)	59.3	13.2
MORELAND	---	---	---	40.9 (21)	56.7	12.8
CDC FALCON	---	---	---	40.8 (22)	58.6	12.8
WANSER	---	---	---	39.2 (23)	59.0	12.9
HATTON	---	---	---	23.3 (24)	60.2	12.6
NURSERY MEAN	---	---	---	46.9	58.4	13.0
CV %	---	---	---	9.4	0.7	4.9
LSD @ .10	---	---	---	5.2	0.5	0.8

CONNELL HARD WINTER WHEAT – 2005 WSU VARIETY TESTING DATA

1. 2005 Hard Winter Wheat data from the WSU Variety Testing nursery at the Connell location averaged 46.9 bu/ac. Factors contributing to the good yields were 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 2003 & 2004 nurseries were not harvested due to a late killing frost and poor emergence/wind storm damage at this location, respectively).
2. Stripe rust was present in the hard winter wheat at the Connell location. Hatton was severely infected noted in May 2005 and stripe rust seemed to nibble away on Hatton during the rest of the growing season. Yield reductions as approaching 60% in Hatton (23.3 bu/ac) compared to Eltan is indicative of the stripe rust pressure in this variety.
3. Protein values averaged 13.0% for this nursery. Total nitrogen measured in February 2005 showed 152# N for this nursery.
4. Eltan is included in the nursery as a yield check variety.