

[Notes](#)

**2005 VARIETY TESTING
WASHINGTON STATE UNIVERSITY
MAYVIEW 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 (%)
TUBBS	---	126.6 (1)	133.8 (1)	121.8 (6)	59.3	10.5
ROD	---	126.4 (2)	131.0 (5)	121.4 (7)	60.4	10.5
WB 528	---	122.6 (3)	133.1 (2)	123.3 (3)	61.8	11.3
HILL 81	---	121.6 (4)	129.4 (6)	123.7 (2)	61.2	11.5
BRUEHL	---	121.3 (5)	131.5 (4)	124.4 (1)	58.1	10.8
MJ-9	---	121.2 (6)	126.9 (8)	118.0 (12)	59.0	11.1
MOHLER	---	120.3 (7)	127.0 (7)	122.2 (5)	60.7	11.1
FINCH	---	120.1 (8)	125.7 (11)	118.0 (11)	61.9	10.7
MASAMI	---	120.0 (9)	126.0 (10)	118.4 (10)	59.7	10.8
ALBION	---	118.9 (10)	124.1 (12)	110.9 (27)	59.5	10.9
STEPHENS	---	115.8 (11)	121.5 (16)	109.9 (29)	59.9	11.5
CASHUP	---	115.7 (12)	122.1 (14)	112.3 (23)	61.3	11.0
CODA	---	115.0 (13)	120.4 (19)	111.3 (26)	62.5	10.6
MJ-4	---	114.9 (14)	119.1 (24)	106.9 (34)	57.7	10.8
CHUKAR	---	114.4 (15)	120.1 (23)	116.2 (15)	60.2	10.8
ORCF-101	---	114.4 (16)	126.2 (9)	117.7 (13)	60.2	11.5
ARS00235	---	113.7 (17)	122.5 (13)	113.8 (19)	61.7	10.8
SIMON	---	113.4 (18)	120.2 (21)	114.3 (17)	60.4	11.4
IDAHO 587	---	113.2 (19)	118.7 (25)	112.2 (24)	60.5	11.4
HILLER	---	111.9 (20)	120.5 (18)	112.4 (22)	58.1	10.0
HUBBARD	---	111.1 (21)	116.8 (27)	103.9 (38)	60.1	10.1
MADSEN	---	110.5 (22)	116.8 (28)	113.2 (20)	60.6	11.4
ELTAN	---	110.2 (23)	115.8 (29)	94.6 (44)	60.6	10.2
BRUNDAGE 96	---	108.4 (24)	115.6 (30)	106.8 (35)	59.8	11.2
WA7934	---	108.2 (25)	115.4 (31)	97.9 (42)	60.1	10.6
LAMBERT	---	107.9 (26)	113.2 (32)	102.7 (40)	59.8	11.3
WA7935	---	105.7 (27)	110.3 (33)	91.4 (45)	60.2	11.0
LEWJAIN	---	103.2 (28)	108.7 (35)	86.1 (46)	60.8	10.2
RELY	---	103.0 (29)	110.3 (34)	96.4 (43)	61.1	10.8
DUNE	---	100.6 (30)	100.2 (36)	78.5 (48)	58.7	11.0
EDWIN	---	86.0 (31)	89.1 (37)	78.6 (47)	62.8	11.8
RJAMES	---	---	132.5 (3)	123.2 (4)	59.0	10.1
CONCEPT	---	---	121.7 (15)	114.0 (18)	61.5	10.7
GEORGE	---	---	120.5 (17)	106.5 (36)	60.0	10.5
ARS97173-16	---	---	120.4 (20)	108.0 (32)	60.1	10.6
ARS97135-9	---	---	120.2 (22)	110.8 (28)	59.9	11.2
F1182 M1-10	---	---	117.6 (26)	107.6 (33)	58.6	11.1
ORSS-1757	---	---	---	120.7 (8)	60.0	10.7
ORCF-102	---	---	---	119.4 (9)	61.0	11.1
WA7973	---	---	---	117.5 (14)	61.0	10.6
ARS96059-1	---	---	---	114.8 (16)	62.2	11.4
WA7970	---	---	---	112.7 (21)	61.5	11.1
ARS00127	---	---	---	112.0 (25)	61.4	10.7
ARS960411-2	---	---	---	109.4 (30)	61.7	11.3
WA7971	---	---	---	108.9 (31)	58.8	10.3
ID620	---	---	---	105.3 (37)	59.6	10.5
WA7974	---	---	---	103.7 (39)	59.1	10.5
WA7972	---	---	---	101.0 (41)	58.5	10.4
Mean	---	113.4	120.1	109.9	60.3	10.9
CV%	---	6.9	5.7	5.3	0.7	4.7
LSD @ .10	---	5.2	5.6	6.8	0.5	0.6

MAYVIEW (Garfield County) SOFT WHITE WINTER WHEAT – 2005 WSU VARIETY TESTING DATA

- 2005 Soft Winter Wheat YIELD DATA from the WSU Variety Testing nursery at the Mayview location averaged 109.9 bu/ac and was nearly the same as the historical 3-year average (110.1 bu/ac). *NOTE: The Mayview nursery was located approximately 20 miles northeast of Pomeroy, WA in Garfield County – on the breaks of the Snake River above Lower Granite Dam (R. Koller farm).*
- This nursery was planted on 14 October 2004 into excellent soil moisture. Fall 2004 GROWING CONDITIONS coupled with a mild winter and timely precipitation patterns in late spring 2005 undoubtedly

were ideal for winter wheat development in this region for the 2005 crop.

9. STRIPE RUST was fairly prevalent in this nursery on a 24 Jun 2005 evaluation. Varieties such as Dune, Lewjain, Edwin and Rely all had over 70% infection with minimal to no high temperature – adult plant resistance appearing on this date. It is worth noting that each of these varieties had the lowest yields in the nursery. All other varieties showed little to no infection and high temperature – adult plant resistance symptoms were prevalent on many varieties.
10. TEST WEIGHT values were good and averaged 60.3 lb/bu. Even varieties with fairly high levels of stripe rust had good test weight.
11. Average plant height of the varieties in the soft white winter nursery (38.9 inches) was essentially equal to the previous year average plant height (38.5). This is one of the few nurseries harvested to date that did not exhibit above average plant height. This may be associated with the later seeding date for this nursery (14 October 2004).
12. YIELD RANKING trends among varieties at this location remained consistent with the historical yield rankings. About the only trend observed is later maturing-type varieties (such as Eltan-types, Lewjain, etc.) tended to have the lower yields. Again, probably a function of the unique environmental conditions in 2004/2005.