

**2005 VARIETY TESTING
WASHINGTON STATE UNIVERSITY
PULLMAN 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 (%)
ROD	151.4 (1)	154.8 (1)	163.3 (1)	171.4 (1)	59.6	10.9
TUBBS	150.7 (2)	152.6 (2)	153.9 (5)	142.8 (22)	56.7	11.5
MJ-9	149.8 (3)	150.9 (3)	158.7 (3)	161.0 (4)	59.0	11.0
MJ-4	145.1 (4)	147.6 (6)	153.2 (8)	158.9 (9)	57.7	11.6
FINCH	143.6 (5)	149.1 (5)	153.1 (9)	160.6 (6)	60.5	11.4
MOHLER	143.1 (6)	142.1 (17)	143.9 (23)	133.2 (34)	58.9	12.1
HILL 81	142.8 (7)	147.6 (7)	156.8 (4)	163.0 (3)	59.9	11.9
STEPHENS	142.8 (8)	150.8 (4)	159.9 (2)	159.7 (7)	59.8	12.0
CHUKAR	142.6 (9)	146.8 (9)	153.9 (6)	155.9 (10)	60.3	11.3
MADSEN	141.8 (10)	144.2 (12)	152.2 (11)	160.7 (5)	59.8	12.1
HILLER	141.5 (11)	144.9 (11)	146.7 (19)	146.6 (20)	57.5	11.3
LAMBERT	141.0 (12)	146.9 (8)	153.2 (7)	155.8 (11)	59.7	11.7
ALBION	140.9 (13)	142.6 (15)	147.8 (17)	136.7 (29)	57.4	11.1
ELTAN	140.1 (14)	143.3 (14)	148.1 (15)	129.3 (37)	58.7	10.9
BRUEHL	139.9 (15)	141.1 (19)	145.9 (20)	149.9 (17)	57.2	11.6
HUBBARD	139.5 (16)	140.1 (22)	143.9 (24)	136.0 (30)	59.3	10.9
CASHUP	139.0 (17)	140.7 (21)	148.0 (16)	151.3 (16)	60.8	11.6
BRUNDAGE 96	138.1 (18)	141.5 (18)	145.1 (22)	153.6 (13)	58.9	12.3
CODA	135.5 (19)	135.9 (25)	140.4 (28)	124.5 (42)	61.3	12.4
RELY	129.0 (20)	128.6 (29)	125.8 (35)	110.9 (45)	58.7	12.1
LEWJAIN	128.8 (21)	124.5 (30)	124.0 (36)	106.8 (46)	57.8	11.7
EDWIN	122.2 (22)	118.6 (31)	115.3 (37)	79.9 (48)	61.0	12.3
IDAHO 587	---	145.4 (10)	150.7 (12)	146.3 (21)	58.2	12.4
SIMON	---	143.5 (13)	147.6 (18)	152.2 (15)	59.4	11.4
WB 528	---	142.6 (16)	149.5 (13)	149.7 (18)	60.8	12.3
MASAMI	---	140.7 (20)	145.3 (21)	141.0 (23)	58.2	11.1
WA7934	---	139.5 (23)	142.1 (27)	127.5 (40)	58.2	11.3
ORCF-101	---	138.2 (24)	142.3 (25)	137.6 (28)	58.9	11.8
ARS00235	---	135.3 (26)	136.8 (31)	126.8 (41)	60.3	12.7
WA7935	---	134.3 (27)	135.8 (32)	128.7 (38)	58.5	11.6
DUNE	---	132.4 (28)	127.1 (34)	104.3 (47)	56.3	12.2
ARS97135-9	---	---	152.7 (10)	169.1 (2)	60.1	12.0
CONCEPT	---	---	149.1 (14)	159.1 (8)	60.2	11.6
RJAMES	---	---	142.2 (26)	134.1 (31)	57.1	11.0
F1182 M1-10	---	---	139.5 (29)	138.1 (27)	56.2	11.6
GEORGE	---	---	137.4 (30)	119.7 (43)	58.5	11.2
ARS97173-16	---	---	131.1 (33)	128.2 (39)	58.1	11.6
WA7973	---	---	---	155.2 (12)	58.6	11.4
ORCF-102	---	---	---	153.6 (14)	60.0	11.7
ARS00127	---	---	---	147.5 (19)	61.2	12.3
WA7970	---	---	---	139.9 (24)	59.0	11.9
WA7974	---	---	---	139.7 (25)	57.0	10.7
ORSS-1757	---	---	---	138.5 (26)	57.9	11.2
ARS96059-1	---	---	---	133.9 (32)	61.4	12.3
WA7971	---	---	---	133.6 (33)	56.9	11.3
ID620	---	---	---	132.7 (35)	58.5	11.3
ARS960411-2	---	---	---	129.7 (36)	61.0	11.9
WA7972	---	---	---	117.5 (44)	57.0	11.6
Mean	140.4	141.5	144.9	140.3	58.9	11.7
CV%	6.9	7.5	8.2	11.2	1.6	4.3
LSD @ .10	5.0	7.2	9.8	18.4	1.1	0.6

PULLMAN SOFT WHITE WINTER WHEAT – 2005 WSU VARIETY TESTING DATA

- 2005 Soft Winter Wheat YIELD DATA from the WSU Variety Testing nursery at the Pullman location averaged 140.3 bu/ac and was similar to the historical 3-year average (138.7 bu/ac). *NOTE: The Pullman nursery was located approximately 8 miles southeast of Pullman on Sand Road (N. Druffel & son's farm).*
- YIELD RANKING trends among varieties at this location remained fairly consistent with the historical yield rankings. The 2005 growing season was conducive to increased plant height and associated high levels of lodging in this nursery.

3. Average PLANT HEIGHT was 42.7 inches in 2005 compared to 35.3 inches in 2004 – over 5-7 inches taller in 2005. LODGING averaged over 46% at the Pullman location. Varieties and experimental lines prone to lodging such as those that have Eltan in their pedigrees exhibited some of the highest levels of lodging and generally had the lowest yields in the nursery.
4. STRIPE RUST was generally not an issue in this soft white winter wheat nursery except in susceptible varieties. Varieties that appeared to show yield partial reductions from stripe rust infections were Edwin, Rely and Dune. The majorities of other varieties/experimental lines appeared to have sufficient high temperature – adult plant resistance or were able to withstand moderate levels of stripe rust.