2005 VARIETY TESTING
WASHINGTON STATE UNIVERSITY
FARMINGTON 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	132.2 (1)	138.8 (2)	138.1 (6)	144.3 (3)	55.6	12.0
CHUKAR	128.9 (2)	136.0 (4)	138.3 (5)	133.3 (18)	57.7	11.7
BRUEHL	127.9 (3)	133.1 (6)	133.9 (10)	137.3 (12)	54.6	12.4
CASHUP	127.3 (4)	133.0 (8)	137.2 (7)	133.4 (17)	58.3	11.8
MJ-9	125.6 (5)	126.7 (18)	127.4 (19)	131.7 (22)	55.4	12.1
HILL 81	125.1 (6)	137.4 (3)	144.1 (2)	148.9 (1)	58.1	12.3
ROD	124.6 (7)	132.6 (9)	136.1 (8)	132.2 (21)	55.9	11.8
MADSEN	123.9 (8)	129.2 (13)	129.9 (14)	130.0 (24)	57.0	12.8
FINCH	123.7 (9)	130.3 (11)	129.5 (16)	129.2 (25)	57.7	12.2
RELY	122.7 (10)	128.5 (14)	127.4 (18)	124.8 (28)	58.7	12.4
ALBION	122.1 (11)	124.2 (21)	125.6 (25)	128.7 (26)	55.2	11.2
MOHLER	121.9 (12)	120.7 (25)	126.2 (23)	121.0 (33)	57.0	12.4
CODA	121.6 (13)	125.9 (19)	126.3 (22)	122.7 (30)	59.5	13.3
MJ-4	121.5 (14)	123.6 (23)	126.2 (24)	131.7 (23)	54.4	12.8
LAMBERT	121.0 (15)	130.2 (12)	134.5 (9)	136.9 (13)	57.2	12.1
HILLER	120.7 (16)	124.7 (20)	124.0 (27)	121.3 (32)	56.4	12.1
BRUNDAGE 96	120.3 (17)	124.1 (22)	127.4 (20)	136.6 (14)	57.1	12.5
STEPHENS	119.3 (18)	127.4 (17)	124.9 (26)	114.7 (39)	57.0	12.2
HUBBARD	118.5 (19)	121.7 (24)	123.7 (29)	122.3 (31)	57.9	12.0
ELTAN	112.5 (20)	116.2 (27)	122.6 (30)	101.9 (46)	55.3	12.5
LEWJAIN	106.6 (21)	107.5 (30)	108.7 (36)	96.6 (47)	55.1	12.8
EDWIN	98.9 (22)	101.4 (31)	99.4 (37)	94.3 (48)	59.1	13.4
WB 528	---	140.2 (1)	144.3 (1)	147.5 (2)	59.5	12.3
ORCF-101	---	134.7 (5)	139.6 (3)	143.4 (4)	58.3	12.4
SIMON	---	133.0 (7)	131.6 (11)	141.3 (5)	57.8	12.3
IDAHO 587	---	130.7 (10)	131.1 (13)	120.2 (36)	56.7	12.5
ARS00235	---	128.1 (15)	126.6 (21)	120.6 (35)	58.2	12.9
DUNE	---	127.7 (16)	128.8 (17)	139.1 (7)	56.8	12.4
WA7934	---	120.6 (26)	122.5 (31)	106.3 (43)	55.2	12.0
MASAMI	---	114.9 (28)	118.1 (34)	105.8 (45)	54.2	12.2
WA7935	---	114.7 (29)	114.9 (35)	106.2 (44)	55.7	12.5
F1182 M1-10	---	---	138.7 (4)	138.1 (10)	55.7	12.3
CONCEPT	---	---	131.2 (12)	132.9 (20)	58.1	11.8
ARS97135-9	---	---	129.6 (15)	138.3 (9)	58.1	12.2
ARS97173-16	---	---	124.0 (28)	120.8 (34)	56.3	11.9
GEORGE	---	---	120.1 (32)	114.8 (38)	56.6	11.9
RJAMES	---	---	119.1 (33)	107.3 (42)	52.8	11.9
ORCF-102	---	---	---	139.8 (6)	58.0	12.0
WA7974	---	---	---	139.1 (8)	54.6	11.7
WA7973	---	---	---	138.0 (11)	57.3	11.8
WA7971	---	---	---	134.4 (15)	53.8	12.0
ORSS-1757	---	---	---	133.8 (16)	56.7	11.5
ARS960411-2	---	---	---	133.2 (19)	60.3	12.9
WA7970	---	---	---	127.6 (27)	57.6	12.6
ARS96059-1	---	---	---	122.8 (29)	59.2	13.0
ARS00127	---	---	---	119.3 (37)	58.7	12.8
WA7972	---	---	---	114.0 (40)	55.6	11.3
ID620	---	---	---	108.2 (41)	55.6	12.3
Mean	121.2	126.4	127.9	126.4	56.8	12.3
CV%	7.9	8.2	7.8	7.5	1.4	3.4
LSD @ .10	5.0	7.0	8.3	11.1	1.0	0.5

FARMINGTON SOFT WHITE WINTER WHEAT – 2005 WSU VARIETY TESTING DATA

1. 2005 Soft Winter Wheat data from the WSU Variety Testing nursery at the Farmington location averaged 126.4 bu/ac. The 2005 Soft White Winter wheat average yields were slightly (6.4%) higher than the previous 3-year average yields (118.8 bu/ac).

2. STRIPE RUST infections were not an issue in this soft white winter wheat nursery. This nursery was direct seeded with a cross-slot drill following a 2004 spring lentil crop. It did receive a preventive fungicide treatment for stripe rust control.

3. AVERAGE PLANT HEIGHT and average HEADING DATE were similar to the previous year; however LODGING was a significant issue in this nursery with an average 62.4% compared to an average of 2.3% in 2004. Most lodging occurred later in the season and was a function of heavy grain production coupled with late season rain and wind storms.

4. YIELD rankings tracked with historical averages in general; however, there was a fairly strong correlation of YIELD to LODGING with lower yields associated with higher levels of lodging.

5. TEST WEIGHT values were fairly low and undoubtedly influenced by lodging. There did not appear to be a relationship between test weight and percent lodging suggesting that lodging reduced test weight similarly in the majority of varieties. It was noted that Eltan-types that have weaker stems and are typically more prone to early lodging appeared to have some of the lower test weight values.