

**2005 VARIETY TESTING
WASHINGTON STATE UNIVERSITY
LAMONT 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 (%)
CHUKAR	106.6 (1)	118.8 (1)	111.2 (7)	88.5 (17)	58.2	7.5
FINCH	105.0 (2)	112.1 (7)	112.9 (3)	107.4 (2)	60.9	8.3
MJ-4	104.7 (3)	117.6 (2)	112.5 (4)	110.0 (1)	58.3	8.2
TUBBS	104.5 (4)	116.7 (4)	114.9 (2)	96.7 (9)	57.7	7.8
MJ-9	102.6 (5)	114.8 (5)	111.9 (6)	103.3 (5)	58.9	8.3
RELY	98.7 (6)	108.0 (13)	105.2 (13)	79.2 (26)	57.4	9.4
ALBION	98.2 (7)	112.8 (6)	104.6 (16)	88.7 (15)	58.4	8.0
CODA	97.9 (8)	109.7 (11)	100.6 (24)	76.5 (31)	60.7	8.7
BRUNDAGE 96	97.6 (9)	109.9 (10)	105.7 (11)	94.0 (11)	56.7	8.7
ROD	97.1 (10)	102.7 (20)	97.6 (27)	65.5 (37)	56.9	8.3
LAMBERT	96.7 (11)	110.0 (9)	101.0 (22)	91.4 (13)	57.7	8.9
BRUEHL	95.4 (12)	97.8 (29)	91.3 (35)	59.8 (43)	55.0	9.5
LEWJAIN	95.1 (13)	107.4 (14)	102.7 (18)	81.1 (23)	59.2	8.2
HILLER	94.8 (14)	98.9 (27)	91.3 (34)	73.1 (32)	55.8	8.4
MADSEN	94.2 (15)	101.9 (22)	101.1 (21)	94.1 (10)	58.3	9.3
CASHUP	93.0 (16)	105.8 (15)	104.7 (15)	88.3 (18)	59.6	8.7
MOHLER	92.5 (17)	103.8 (19)	97.1 (28)	76.7 (30)	57.3	8.5
ELTAN	92.3 (18)	97.9 (28)	94.7 (32)	49.2 (47)	55.7	8.6
HUBBARD	92.2 (19)	101.1 (24)	95.7 (29)	65.2 (38)	57.2	9.1
HILL 81	91.2 (20)	101.3 (23)	95.4 (31)	67.7 (36)	57.8	8.5
STEPHENS	89.8 (21)	104.0 (18)	105.4 (12)	89.1 (14)	57.9	8.1
EDWIN	87.2 (22)	89.4 (31)	86.5 (36)	56.1 (46)	60.0	9.2
MASAMI	---	116.7 (3)	116.3 (1)	105.0 (4)	57.3	8.5
DUNE	---	111.1 (8)	109.6 (8)	106.8 (3)	58.6	8.4
ARS00235	---	109.0 (12)	105.8 (10)	87.9 (19)	60.6	8.9
SIMON	---	105.5 (16)	103.0 (17)	101.9 (6)	58.8	8.6
ORCF-101	---	104.8 (17)	105.0 (14)	92.2 (12)	58.2	8.2
WA7934	---	102.6 (21)	98.8 (26)	70.1 (35)	57.3	7.8
WA7935	---	100.9 (25)	100.7 (23)	82.1 (22)	58.3	8.7
IDAHO 587	---	100.0 (26)	99.1 (25)	86.1 (21)	57.4	9.3
WB 528	---	92.7 (30)	93.9 (33)	61.9 (40)	58.8	9.3
ARS97135-9	---	---	112.4 (5)	101.5 (7)	58.1	8.0
ARS97173-16	---	---	108.5 (9)	100.8 (8)	58.2	8.0
CONCEPT	---	---	101.7 (19)	81.0 (24)	59.8	8.5
RJAMES	---	---	101.5 (20)	70.2 (34)	54.0	8.8
GEORGE	---	---	95.6 (30)	61.1 (42)	56.8	8.3
F1182 M1-10	---	---	85.8 (37)	59.6 (44)	55.9	8.7
ORCF-102	---	---	---	88.5 (16)	59.1	8.5
ARS96059-1	---	---	---	87.4 (20)	60.1	8.5
ARS00127	---	---	---	80.7 (25)	58.6	8.9
ARS960411-2	---	---	---	78.5 (27)	58.9	8.8
ORSS-1757	---	---	---	78.0 (28)	55.8	8.3
WA7970	---	---	---	77.9 (29)	57.7	9.0
WA7972	---	---	---	71.4 (33)	54.8	8.7
WA7974	---	---	---	62.1 (39)	55.1	8.6
WA7973	---	---	---	61.2 (41)	55.5	9.2
WA7971	---	---	---	56.5 (45)	56.8	8.5
ID620	---	---	---	48.6 (48)	54.3	8.8
Mean	96.7	106.0	102.2	80.4	57.7	8.6
CV%	9.5	9.4	7.9	13.2	1.6	7.8
LSD @ .10	4.8	6.7	6.7	12.4	1.1	0.8

LAMONT SOFT WHITE WINTER WHEAT – 2005 WSU VARIETY TESTING DATA

- 2005 Soft Winter Wheat data from the WSU Variety Testing nursery at the Lamont location averaged 80.4 bu/ac. The 2005 Soft White Winter wheat average yields were substantially less than the 3-year average yields (106.0 bu/ac).
- This nursery was seeded on 8 Sept 2004 (summer fallow ground) and had excellent emergence and early spring regrowth. This is a nursery where precipitation was over 60% below normal until mid-May 2005 when above average rainfall made the crop. In situations like this, the root systems and crowns of the plants

were sitting in dry soil and essentially idling along until the moisture events (aka rain) happened in May. This is speculated to have been the major cause of lower than average yields at this location.

3. STRIPE RUST infections were not an issue in this soft white winter wheat nursery.
4. AVERAGE PLANT HEIGHT was about 3-inches taller than the previous year average – a trend that is being observed in the majority of other 2005 nurseries.
5. LODGING averaged 61.0% for this nursery – most of that occurred during a heavy rain and wind storm on the weekend of 9 July 2005.
6. YIELD rankings tracked with historical averages in general. Later maturing Eltan-types tended to have lower yields and associated higher levels of lodging. Among all varieties tested, yields appeared to follow a trend of reduced yield with increased lodging. Test weight followed a similar trend. The highest yielding varieties in the 2005 nursery in general also have the highest 3-year average yields.