2005 VARIETY TESTING WASHINGTON STATE UNIVERSITY ANATONE WINTER WHEAT NURSERY

VARIETY NAME	5 YEAR AVERAGE	3 YEAR AVERAGE	2 YEAR AVERAGE	2005 YIELD	2005 TEST WT.	2005 PROTEIN
	(BU/A)	(BU/A)	(BU/A)	(BU/A)	(LBS/BU)	(%)
ROD	83.1 (1)	98.9 (3)	109.0 (4)	106.0 (13)	59.5	7.0
MJ-9	82.3 (2)	99.7 (2)	110.0 (2)	104.8 (16)	59.0	7.3
TUBBS	81.7 (3)	98.8 (4)	109.2 (3)	115.1 (1)	60.3	7.7
MOHLER FINCH	81.3 (4)	93.2 (9)	102.3 (16)	108.9 (8)	60.4 61.6	7.3
CHUKAR	80.1 (5) 79.7 (6)	93.2 (8) 93.8 (7)	103.5 (14) 107.9 (5)	102.9 (19) 94.7 (38)	58.9	7.9 6.8
BRUNDAGE 96	79.7 (6) 78.6 (7)	91.9 (14)	99.9 (19)	109.0 (7)	56.9 59.6	7.6
CASHUP	77.8 (8)	94.4 (5)	105.7 (9)	109.0 (7)	59.6	7.0
EDWIN	77.8 (9)	92.7 (11)	105.7 (9)	94.8 (37)	62.3	8.3
CODA	77.4 (10)	91.2 (17)	98.9 (21)	98.9 (29)	61.7	7.2
HILLER	76.9 (11)	91.4 (15)	104.7 (12)	109.7 (5)	58.0	7.3
BRUEHL	76.5 (11) 76.5 (12)	91.4 (16)	104.8 (11)	111.5 (2)	57.8	7.5
RELY	76.3 (13)	92.5 (13)	98.7 (23)	100.8 (26)	60.8	7.8
HILL 81	76.2 (14)	88.0 (23)	95.2 (29)	90.7 (45)	59.2	7.1
ALBION	75.9 (15)	90.2 (20)	98.9 (22)	101.8 (23)	59.8	7.2
ELTAN	75.7 (16)	89.9 (21)	103.5 (15)	91.1 (44)	59.9	7.9
MADSEN	75.6 (17)	86.8 (25)	98.3 (24)	102.9 (20)	59.8	7.5
STEPHENS	75.5 (18)	89.6 (22)	92.8 (32)	95.9 (33)	59.8	7.7
LEWJAIN	75.1 (19)	85.5 (26)	95.4 (28)	95.1 (35)	60.7	7.0
MJ-4	73.7 (20)	83.3 (27)	93.2 (31)	102.5 (22)	58.6	7.1
HUBBARD	73.7 (21)	87.5 (24)	95.9 (27)	95.7 (34)	60.1	7.5
LAMBERT	73.7 (22)	82.6 (29)	84.3 (36)	104.8 (15)	59.4	7.4
MASAMI		104.0 (1)	119.2 (1)	110.5 (4)	59.0	6.8
WB 528		94.3 (6)	104.3 (13)	109.3 (6)	61.2	7.3
IDAHO 587		93.1 (10)	97.1 (26)	102.6 (21)	60.2	7.7
WA7934		92.7 (12)	106.1 (8)	94.1 (41)	59.3	7.0
WA7935		91.2 (18)	99.5 (20)	89.9 (47)	59.2	7.3
ORCF-101		90.3 (19)	99.9 (18)	105.2 (14)	60.5	7.7
ARS00235		83.1 (28)	89.0 (34)	94.6 (39)	61.2	7.6
DUNE		81.8 (30)	89.9 (33)	107.9 (10)	61.2	7.2
SIMON		79.0 (31)	81.5 (37)	100.5 (27)	58.9	7.3
GEORGE			106.5 (7)	93.4 (42)	59.1	7.5
RJAMES			105.5 (10)	111.3 (3)	58.4	6.6
CONCEPT			101.8 (17)	99.1 (28)	59.9	7.6
ARS97135-9			97.3 (25)	94.2 (40)	58.5	7.2
ARS97173-16 F1182 M1-10			95.0 (30)	97.7 (31)	59.7 57.0	7.0
WA7973			88.4 (35)	97.8 (30) 108.6 (9)	57.9 59.3	7.6 7.3
ORSS-1757				108.8 (11)	59.4	7.3
WA7974				107.3 (11)	58.0	7.0
ORCF-102				107.1 (12)	59.8	7.5
WA7972				103.5 (18)	58.3	7.6
ARS96059-1				101.1 (25)	61.7	7.4
WA7971				96.8 (32)	57.5	7.2
ID620				95.1 (36)	59.0	7.0
ARS00127				91.4 (43)	60.6	8.1
ARS960411-2				90.1 (46)	60.8	7.6
WA7970				82.7 (48)	60.3	7.5
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Mean	77.5	90.8	100.0	100.7	59.7	7.4
CV%	10.7	10.2	8.5	8.9	0.7	7.7
LSD @ .10	4.3	6.3	7.0	10.5	0.5	0.7

ANATONE SOFT WHITE WINTER WHEAT - 2005 WSU VARIETY TESTING DATA

- 1. 2005 Soft Winter Wheat data from the WSU Variety Testing nursery at the Anatone location averaged 100.7 bu/ac that and was over 10 bu/ac higher than historical 3-year average yields.
- 2. Variety YIELD RANKINGS followed historical trends at this location with the historical highest yielding varieties generally performing the best in 2005. It also appeared that newer varieties with earlier growth habit had a yield advantage over Madsen-type varieties with a moderate growth habit and definitely over varieties that had an Eltan compliment in their pedigrees. For example, 5 of the 7 lowest yielding SWH

common varieties/lines in the 2005 nursery had Eltan pedigrees (ID620, WA7934, George, Eltan, and WA7935). In my opinion, this is not uncommon since Eltan is typically a later maturing variety and it also appears to have slower spring regrowth than other varieties. This is an advantage in other areas of the state. Club winter wheat varieties such as Chukar, Edwin, Coda and Rely did not perform as well as in previous years – this may also be a function of maturity differences.

- 3. Stripe rust was not an issue in this soft white winter wheat nursery.
- 4. Average HEADING DATE that includes all varieties in the nursery was the same as 2004 (6 Jun).
- 5. TEST WEIGHT and % PROTEIN levels were good for soft white winter wheat.