Notes

2005 VARIETY TESTING
WASHINGTON STATE UNIVERSITY
LAMONT SOFT WHITE/CLUB SPRING 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 (%)
NICK	42.4 (1)	45.9 (2)	49.5 (3)	59.7 (4)	61.2	13.0
ALPOWA	40.1 (2)	40.5 (4)	42.0 (5)	49.9 (7)	61.9	11.2
WAWAWAI	38.0 (3)	38.2 (6)	40.4 (6)	45.7 (9)	60.6	11.9
ALTURAS	37.8 (4)	38.5 (5)	39.9 (7)	47.7 (8)	60.5	12.1
ZAK	36.3 (5)	36.3 (7)	38.1 (9)	36.5 (15)	60.0	11.4
EDEN	34.5 (6)	31.1 (8)	28.0 (10)	26.4 (16)	60.1	10.8
EDWALL	27.6 (7)	26.1 (10)	21.9 (12)	12.9 (19)	52.4	12.1
FIELDER	27.4 (8)	25.4 (11)	20.2 (13)	12.2 (20)	54.5	11.8
PENAWAWA	27.0 (9)	28.4 (9)	25.5 (11)	25.8 (17)	58.4	11.7
LOUISE	---	51.1 (1)	56.2 (1)	74.6 (1)	61.6	12.1
WAKANZ	---	45.8 (3)	52.2 (2)	69.7 (2)	60.9	12.4
WA7964	---	---	47.2 (4)	60.7 (3)	59.4	12.4
WA7952	---	---	38.7 (8)	45.4 (10)	60.7	11.4
WA7983	---	---	---	55.6 (5)	59.8	11.8
WA7963	---	---	---	53.7 (6)	60.8	12.5
WA7986	---	---	---	42.3 (11)	60.0	13.8
WA7987	---	---	---	41.2 (12)	60.0	13.5
ID632	---	---	---	38.8 (13)	61.4	11.8
WA7960	---	---	---	37.6 (14)	60.1	11.9
WQL7PENWX-2	---	---	---	23.5 (18)	58.1	11.5
NURSERY MEAN	34.6	37	38.4	43.0	59.6	12.1
CV %	12.8	13.1	15.6	15.1	1.2	2.9
LSD @ .10	2.7	3.8	5.8	8.9	1.0	0.5

2005 VARIETY TESTING
WASHINGTON STATE UNIVERSITY
LAMONT HARD WHITE SPRING 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 (%)
LOLO	38.3 (1)	40.1 (2)	41.9 (2)	53.4 (5)	60.5	12.7
ID377S	35.1 (2)	37.2 (3)	39.3 (4)	48.5 (7)	59.8	13.7
MACON	31.7 (3)	34.0 (4)	34.9 (5)	45.2 (8)	60.4	12.1
OTIS	---	44.7 (1)	50.6 (1)	72.6 (1)	61.9	12.8
BLANCA GRANDE	---	32.4 (5)	32.8 (6)	36.8 (9)	61.8	15.2
ID597	---	---	39.3 (3)	55.5 (4)	60.1	13.5
BZ98-447W	---	---	---	62.2 (2)	60.4	13.8
WA7957	---	---	---	58.8 (3)	59.6	12.6
WA7991	---	---	---	51.3 (6)	61.7	13.3
WINSOME	---	---	---	25.5 (10)	57.7	11.8
NURSERY MEAN	35	37.7	39.8	51.0	60.4	13.2
CV %	15.2	9.8	11.1	8.7	0.6	3.4
LSD @ .10	3.3	3	4.4	6.3	0.5	0.6

2005 VARIETY TESTING
WASHINGTON STATE UNIVERSITY
LAMONT HARD RED SPRING 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 (%)
JEFFERSON	38.9 (1)	40.7 (1)	43.4 (1)	58.1 (1)	60.6	15.0
HOLLIS	36.0 (2)	39.0 (2)	42.7 (2)	56.8 (2)	61.0	15.0
SCARLET	34.0 (3)	34.5 (5)	33.5 (9)	39.5 (15)	60.2	13.8
HANK	32.7 (4)	35.6 (4)	36.7 (4)	51.5 (7)	59.5	14.9

TARA 2002	31.9 (5)	33.4 (6)	35.2 (7)	45.9 (12)	59.8	16.5
WESTBRED 926	31.8 (6)	32.3 (7)	34.5 (8)	46.9 (11)	60.3	16.6
JEROME	---	36.1 (3)	37.1 (3)	50.2 (8)	61.1	15.3
GMG BUCK PRONTO	---	---	35.9 (5)	51.9 (6)	60.7	17.2
ID593	---	---	35.2 (6)	43.2 (14)	59.3	14.2
WA7994	---	---	---	54.5 (3)	59.5	16.2
BZ999-339	---	---	---	53.3 (4)	59.8	16.0
WA7995	---	---	---	52.6 (5)	60.0	16.0
SX1504B	---	---	---	49.2 (9)	60.6	14.1
WA7998	---	---	---	47.1 (10)	59.6	16.1
WA7997	---	---	---	44.3 (13)	60.1	16.0
BZ999-592	---	---	---	39.0 (16)	60.1	14.6
NURSERY MEAN	34.2	35.9	37.1	49.0	60.1	15.5
CV %	11.5	12.8	13.6	10.7	0.6	4.7
LSD @ .10	2.4	3.7	4.9	7.2	0.5	1.0

LAMONT SPRING WHEAT – 2005 WSU VARIETY TESTING DATA

1. 2005 Spring Wheat data from the WSU Variety Testing nursery at the Lamont location averaged 43.0, 51.0, and 49.0 bu/ac for soft white spring, hard white spring and hard red spring wheat, respectively. The 2005 spring wheat average yields were nearly 15% higher in the soft white wheat and close to 50% higher in the hard white and hard red spring wheat compared to the historical 3-year average. This nursery was planted on **summer fallow** which undoubtedly contributed to higher average yields, especially considering the 2005 growing conditions. TEST WEIGHT values were also very good in this nursery – again, grown on summer fallow conditions.

2. STRIPE RUST infections were present in this nursery and most notable susceptible soft white common varieties such as Zak, Penawawa, Edwall and Fielder that exhibited significant yield reductions as well as significant reductions in TEST WEIGHT.

3. In general, variety YIELD RANKINGS were similar to 3-year historical yield rankings.