

[Notes](#)

2005 VARIETY TESTING
WASHINGTON STATE UNIVERSITY
WALLA WALLA 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	50.1 (1)	50.6 (2)	49.4 (4)	37.2 (5)	54.7	14.2
EDEN	48.7 (2)	49.4 (3)	49.7 (3)	38.5 (2)	58.5	12.3
WAWAWAI	45.6 (3)	48.8 (4)	50.4 (2)	38.5 (3)	56.6	13.1
ALPOWA	44.4 (4)	44.6 (5)	45.2 (5)	29.0 (11)	54.4	14.2
ALTURAS	40.9 (5)	39.2 (7)	37.7 (10)	22.0 (17)	53.5	14.1
ZAK	38.9 (6)	39.0 (8)	37.9 (9)	31.8 (9)	55.9	14.3
EDWALL	36.9 (7)	35.3 (10)	34.5 (11)	23.4 (15)	49.6	13.6
PENAWAWA	35.7 (8)	36.2 (9)	34.4 (12)	24.8 (13)	53.6	14.3
FIELDER	29.6 (9)	28.4 (11)	26.9 (13)	17.5 (20)	52.0	13.8
LOUISE	---	50.7 (1)	54.1 (1)	43.0 (1)	56.5	12.5
WAKANZ	---	44.0 (6)	44.7 (6)	37.6 (4)	53.6	13.9
WA7952	---	---	42.6 (7)	21.3 (18)	53.4	14.0
WA7964	---	---	37.9 (8)	23.7 (14)	53.8	14.6
WA7960	---	---	---	34.9 (6)	55.6	13.9
ID632	---	---	---	34.6 (7)	57.8	13.2
WA7963	---	---	---	32.2 (8)	55.2	14.3
WA7983	---	---	---	30.1 (10)	53.6	15.3
WA7986	---	---	---	26.1 (12)	54.2	16.1
WA7987	---	---	---	23.2 (16)	52.8	16.5
WQL7PENWX-2	---	---	---	21.0 (19)	53.5	13.9
NURSERY MEAN	41.2	42.4	42	29.5	54.4	14.1
CV %	16.2	20.5	23.4	24.1	3.2	6.8
LSD @ .10	4.1	6.8	9.5	9.8	2.4	1.3

2005 VARIETY TESTING
WASHINGTON STATE UNIVERSITY
WALLA WALLA 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	51.4 (1)	56.0 (1)	61.3 (1)	41.1 (3)	57.4	13.8
ID377S	44.3 (2)	47.5 (4)	49.1 (5)	26.4 (10)	54.0	15.7
MACON	43.8 (3)	45.3 (5)	47.7 (6)	31.2 (5)	53.0	14.8
BLANCA GRANDE	---	50.6 (2)	52.1 (3)	40.3 (4)	58.4	13.4
OTIS	---	48.4 (3)	50.9 (4)	29.3 (7)	54.4	15.5
ID597	---	---	58.5 (2)	44.3 (2)	55.7	13.9
BZ98-447W	---	---	---	48.3 (1)	55.8	13.7
WINSOME	---	---	---	29.9 (6)	54.1	13.7
WA7991	---	---	---	28.9 (8)	55.3	14.6
WA7957	---	---	---	27.9 (9)	52.4	14.8
NURSERY MEAN	46.5	49.6	53.3	34.8	55.0	14.4
CV %	10.4	13.8	15.5	25.0	5.1	6.0
LSD @ .10	3	5.5	8.2	12.3	4.0	1.2

2005 VARIETY TESTING
WASHINGTON STATE UNIVERSITY
WALLA WALLA 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 (%)
HANK	51.6 (1)	58.1 (1)	62.7 (1)	41.1 (2)	55.7	14.7
TARA 2002	48.3 (2)	53.6 (2)	59.0 (2)	47.9 (1)	56.8	14.4
JEFFERSON	48.2 (3)	51.2 (4)	54.9 (5)	31.3 (9)	54.8	15.1
HOLLIS	47.6 (4)	51.7 (3)	56.7 (3)	32.8 (5)	54.8	15.7

WESTBRED 926	47.1 (5)	51.2 (5)	54.7 (6)	29.3 (10)	53.0	16.0
SCARLET	45.2 (6)	47.7 (7)	49.1 (9)	28.4 (11)	52.9	15.0
JEROME	---	51.0 (6)	55.4 (4)	31.3 (9)	54.2	14.4
ID593	---	---	54.1 (7)	27.6 (13)	51.6	14.6
GMG BUCK PRONTO	---	---	53.8 (8)	28.2 (12)	53.1	16.2
SX1504B	---	---	---	38.4 (3)	57.7	14.2
BZ999-339	---	---	---	36.8 (4)	54.5	15.3
WA7997	---	---	---	32.4 (6)	52.6	15.4
WA7998	---	---	---	31.6 (7)	52.0	14.9
BZ999-592	---	---	---	26.7 (14)	55.4	14.6
WA7995	---	---	---	25.2 (15)	51.5	15.6
WA7994	---	---	---	21.8 (16)	50.6	15.9

NURSERY MEAN	48	52.1	55.6	31.9	53.8	15.1
CV %	14.3	15.4	14.6	20.4	3.5	4.7
LSD @ .10	4.2	6.4	7.9	9.0	2.6	1.0

WALLA WALLA SPRING WHEAT – 2005 WSU VARIETY TESTING DATA

1. 2005 Spring Wheat data from the WSU Variety Testing nursery at the Walla Walla location averaged 29.5, 34.8, and 31.9 bu/ac for soft white spring, hard white spring and hard red spring wheat, respectively. The 2005 spring wheat average yields were 30% - 38% % lower than the historical 3-year average. This nursery was planted on re-crop following a 2004 winter wheat crop and the 2005 spring growing conditions contributed to yields that were lower than the historical averages. Low TEST WEIGHT values are also indicative of the poor 2005 growing conditions for spring crops in this region.
2. STRIPE RUST infections were present in this nursery on a 14 June 2005 evaluation. Notable susceptible soft white common varieties such as, Penawawa, Edwall and Fielder exhibited significant yield reductions as well as significant reductions in TEST WEIGHT. Stripe rust infections related to yield were not as well defined in hard white and hard red spring wheat varieties.
3. In general, variety YIELD RANKINGS were similar to 3-year historical yield rankings. However, due to a fairly high 2005 nursery variation (CV %) historical 3-yr and 5-yr average yield values are better indicators when making comparisons among varieties.