

[Notes](#)

2005 VARIETY TESTING
WASHINGTON STATE UNIVERSITY
PULLMAN 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 (%)
ALTURAS	79.8 (1)	76.7 (1)	79.1 (3)	58.7 (5)	57.8	13.1
NICK	77.5 (2)	76.1 (4)	79.9 (2)	60.9 (2)	57.9	12.9
ALPOWA	76.8 (3)	75.3 (5)	77.1 (5)	52.2 (10)	59.0	12.4
EDEN	73.7 (4)	68.7 (6)	69.1 (8)	40.4 (14)	58.9	11.8
WAWAWAI	71.5 (5)	66.7 (7)	62.4 (9)	38.4 (15)	56.7	13.0
ZAK	61.5 (6)	55.2 (8)	53.0 (10)	38.0 (16)	58.5	12.9
PENAWAWA	59.5 (7)	53.5 (9)	48.8 (11)	32.3 (17)	57.5	12.8
EDWALL	55.8 (8)	49.8 (10)	42.3 (12)	29.4 (19)	50.5	13.0
FIELDER	51.7 (9)	44.6 (11)	37.0 (13)	28.2 (20)	56.1	14.0
LOUISE	---	76.7 (2)	75.7 (6)	57.0 (6)	56.8	13.3
WAKANZ	---	76.5 (3)	78.2 (4)	56.0 (7)	56.0	13.5
WA7964	---	---	82.2 (1)	58.7 (4)	56.5	13.1
WA7952	---	---	71.2 (7)	49.5 (13)	57.5	12.5
WA7987	---	---	---	64.8 (1)	56.8	15.4
WA7960	---	---	---	59.2 (3)	58.1	13.1
WA7986	---	---	---	55.7 (8)	57.9	14.6
ID632	---	---	---	52.5 (9)	58.7	11.4
WA7963	---	---	---	51.1 (11)	57.9	13.4
WA7983	---	---	---	50.1 (12)	56.7	13.1
WQL7PENWX-2	---	---	---	30.2 (18)	57.1	13.1
NURSERY MEAN	67.5	65.4	65.8	48.2	57.1	13.1
CV %	7.5	9	8.2	15.5	1.1	4.1
LSD @ .10	3.1	4.6	5.3	10.3	0.9	0.7

2005 VARIETY TESTING
WASHINGTON STATE UNIVERSITY
PULLMAN 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	80.9 (1)	76.2 (1)	78.9 (2)	50.9 (5)	55.3	13.9
ID377S	73.9 (2)	69.4 (4)	72.3 (4)	49.4 (6)	53.5	15.7
MACON	66.1 (3)	60.5 (5)	60.3 (6)	41.9 (8)	55.3	12.9
BLANCA GRANDE	---	75.7 (2)	84.5 (1)	68.0 (2)	59.6	14.3
OTIS	---	70.3 (3)	71.4 (5)	47.5 (7)	55.6	14.6
ID597	---	---	76.7 (3)	59.1 (3)	54.8	13.6
BZ98-447W	---	---	---	71.3 (1)	54.5	14.0
WA7991	---	---	---	54.1 (4)	58.6	13.6
WA7957	---	---	---	40.6 (9)	53.6	14.4
WINSOME	---	---	---	31.8 (10)	54.2	12.3
NURSERY MEAN	73.6	70.4	74	51.5	55.5	13.9
CV %	5.8	7.6	7.6	13.4	1.7	3.0
LSD @ .10	2.7	4.3	5.6	9.7	1.3	0.6

2005 VARIETY TESTING
WASHINGTON STATE UNIVERSITY
PULLMAN 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	81.2 (1)	79.4 (1)	83.6 (1)	61.7 (3)	54.2	15.6
TARA 2002	79.3 (2)	77.7 (2)	83.4 (2)	62.9 (2)	56.7	15.5
JEFFERSON	78.1 (3)	75.9 (4)	79.7 (4)	59.6 (7)	56.2	16.0
WESTBRED 926	74.4 (4)	72.8 (5)	78.6 (6)	59.3 (8)	55.5	16.5

HOLLIS	73.0 (5)	72.4 (6)	78.2 (7)	59.7 (6)	56.4	17.0
SCARLET	71.1 (6)	66.4 (7)	65.8 (9)	41.9 (16)	58.2	14.3
JEROME	---	77.4 (3)	81.1 (3)	58.6 (10)	54.6	15.1
GMG BUCK PRONTO	---	---	79.0 (5)	58.8 (9)	56.9	16.6
ID593	---	---	75.1 (8)	50.6 (15)	53.7	15.0
WA7998	---	---	---	63.2 (1)	55.0	15.5
WA7997	---	---	---	60.2 (4)	56.4	15.8
BZ999-339	---	---	---	59.9 (5)	55.0	16.0
WA7995	---	---	---	53.4 (11)	56.0	15.5
WA7994	---	---	---	53.1 (12)	55.1	15.9
SX1504B	---	---	---	51.6 (13)	57.0	15.8
BZ999-592	---	---	---	51.1 (14)	56.8	15.9

NURSERY MEAN	76.2	74.6	78.3	56.6	55.9	15.8
CV %	5.2	4.8	4.1	5.0	1.9	2.9
LSD @ .10	2.4	2.9	3.1	3.9	1.4	0.6

PULLMAN SPRING WHEAT – 2005 WSU VARIETY TESTING DATA

1. 2005 Spring Wheat data from the WSU Variety Testing nursery at the PULLMAN location averaged 48.2, 51.5, and 56.6 bu/ac for soft white spring, hard white spring and hard red spring wheat, respectively. The 2005 spring wheat average yields were around 30% lower than the previous historical 3-year average.
2. Yield reductions in this nursery (located on the Spillman Agronomy Farm) can easily be summed up in two-words = STRIPE RUST. This nursery sustained early infections of stripe rust with a tremendous inoculum load throughout the entire spring growing season. In general, the lowest yielding varieties in all three market classes are stripe rust susceptible varieties.
3. In general, low TEST WEIGHT values were also associated with stripe rust such as Edwall that exhibited over a 50% yield loss compared to the highest yielding variety in the soft white spring nursery and had only a 50.5 lb/bu test weight.
4. In general, variety YIELD RANKINGS were similar to 3-year historical yield rankings and some of the newer experimental lines included in the nursery show good stripe rust resistance and yield potential.