

[Notes](#)

2005 VARIETY TESTING
WASHINGTON STATE UNIVERSITY
HORSE HEAVEN 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	26.7 (1)	30.8 (3)	31.2 (5)	12.9 (8)	58.6	13.4
EDEN	25.9 (2)	29.5 (5)	30.3 (6)	12.3 (9)	58.4	11.1
ALTURAS	25.6 (3)	30.0 (4)	32.5 (3)	11.6 (11)	58.7	12.3
WAWAWAI	25.5 (4)	28.6 (6)	29.3 (8)	14.0 (6)	60.0	11.9
ALPOWA	24.7 (5)	28.4 (7)	29.0 (9)	11.2 (12)	59.0	12.3
ZAK	23.8 (6)	26.0 (8)	26.2 (10)	9.9 (13)	58.2	12.5
PENAWAWA	22.4 (7)	24.6 (9)	23.9 (11)	7.6 (16)	57.4	11.6
EDWALL	21.4 (8)	22.5 (10)	21.4 (12)	7.1 (17)	58.9	12.5
FIELDER	21.0 (9)	21.8 (11)	18.5 (13)	5.7 (20)	58.0	12.1
LOUISE	---	31.5 (1)	32.7 (2)	14.4 (4)	59.7	12.0
WAKANZ	---	31.0 (2)	32.5 (4)	15.4 (3)	57.1	12.1
WA7964	---	---	35.2 (1)	16.2 (2)	57.0	12.8
WA7952	---	---	30.0 (7)	13.6 (7)	59.8	12.5
WA7983	---	---	---	16.3 (1)	57.0	12.8
WA7963	---	---	---	14.2 (5)	58.8	12.4
ID632	---	---	---	12.2 (10)	60.4	12.3
WA7960	---	---	---	9.8 (14)	57.5	12.5
WA7987	---	---	---	8.8 (15)	56.0	15.2
WA7986	---	---	---	7.1 (18)	56.5	14.5
WQL7PENWX-2	---	---	---	6.8 (19)	58.3	12.2
NURSERY MEAN	24.1	27.7	28.7	11.4	58.3	12.5
CV %	8	7.7	6.8	13.1	*	*
LSD @ .10	1.2	1.7	1.9	2.0	*	*

2005 VARIETY TESTING
WASHINGTON STATE UNIVERSITY
HORSE HEAVEN 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 (%)
ID377S	24.3 (1)	28.7 (2)	29.9 (3)	11.0 (7)	58.9	14.5
LOLO	23.9 (2)	28.0 (3)	28.6 (4)	11.7 (6)	59.9	14.4
MACON	20.5 (3)	24.0 (5)	23.8 (6)	8.3 (10)	59.1	12.7
OTIS	---	28.8 (1)	30.0 (2)	14.0 (2)	59.8	13.7
BLANCA GRANDE	---	24.5 (4)	25.2 (5)	10.6 (8)	60.0	15.7
ID597	---	---	30.4 (1)	13.8 (3)	58.3	14.3
BZ98-447W	---	---	---	15.4 (1)	58.8	13.4
WA7991	---	---	---	12.8 (4)	59.7	13.9
WA7957	---	---	---	12.3 (5)	59.2	14.2
WINSOME	---	---	---	9.7 (9)	59.1	12.6
NURSERY MEAN	22.9	26.8	28	12.0	59.3	13.9
CV %	9.7	8.8	9.5	15.9	*	*
LSD @ .10	1.4	1.9	2.7	2.7	*	*

2005 VARIETY TESTING
WASHINGTON STATE UNIVERSITY
HORSE HEAVEN 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 (%)
HOLLIS	24.0 (1)	28.4 (1)	29.4 (2)	14.9 (3)	58.8	14.7
SCARLET	23.6 (2)	26.8 (3)	26.6 (5)	10.0 (16)	58.9	14.3

JEFFERSON	23.1 (3)	26.4 (5)	26.0 (7)	14.0 (4)	58.7	13.8
HANK	22.5 (4)	28.3 (2)	29.3 (3)	15.4 (2)	58.3	13.5
TARA 2002	21.4 (5)	25.9 (6)	26.1 (6)	11.7 (15)	58.7	14.6
WESTBRED 926	20.9 (6)	24.8 (7)	24.9 (9)	13.5 (5)	58.4	14.5
JEROME	---	26.5 (4)	26.9 (4)	12.8 (9)	59.2	14.2
ID593	---	---	30.0 (1)	13.0 (8)	58.4	13.4
GMG BUCK PRONTO	---	---	25.1 (8)	12.2 (11)	58.2	15.5
BZ999-592	---	---	---	15.5 (1)	59.5	14.4
WA7994	---	---	---	13.4 (6)	56.4	14.8
WA7998	---	---	---	13.2 (7)	57.3	15.3
BZ999-339	---	---	---	12.3 (10)	57.9	15.1
SX1504B	---	---	---	12.2 (12)	58.0	15.0
WA7995	---	---	---	12.0 (13)	57.3	15.1
WA7997	---	---	---	11.8 (14)	58.4	15.2

NURSERY MEAN	22.6	26.7	27.1	13.0	58.3	14.6
CV %	7.8	8.1	9.8	15.8	*	*
LSD @ .10	1.1	1.7	2.6	2.8	*	*

HORSE HEAVEN SPRING WHEAT – 2005 WSU VARIETY TESTING DATA

1. Spring wheat average yields from the WSU Variety Testing nursery at the Horse Heaven location average 50% to 60% lower than the 3-year average yields. Seed bed conditions at planting required the use of a deep-furrow drill to seed into moisture. Spring emergence was slow and the nursery location missed many of the key rainstorms. Plant height is a fairly good indicator of poor crop development. For example, Scarlet HRS averaged 20 inches plant height this year (2005) compared to 30 inches plant height in the 2004 nursery.
2. Stripe rust was prevalent in the nursery with 60%-90% infection noted on 1 June 2005 in the most susceptible varieties. Stripe rust susceptible varieties in all market classes generally had the lowest yields ranging 36% to 66% lower in yield than the highest yielding variety in the trial.