

[Notes](#)

2005 VARIETY TESTING
WASHINGTON STATE UNIVERSITY
DAYTON 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 | 57.5 (1) | 58.3 (3) | 62.4 (3) | 25.4 (5) | 49.8 | 13.6 |
| ALPOWA | 55.0 (2) | 56.6 (5) | 60.2 (5) | 28.3 (2) | 51.6 | 14.5 |
| ALTURAS | 53.7 (3) | 58.8 (2) | 62.5 (2) | 23.1 (11) | 52.3 | 13.0 |
| EDEN | 53.7 (4) | 56.4 (6) | 59.3 (7) | 24.9 (8) | 53.5 | 14.0 |
| WAWAWAI | 51.9 (5) | 53.6 (7) | 56.1 (9) | 18.9 (20) | 50.1 | 14.3 |
| ZAK | 47.9 (6) | 46.6 (8) | 46.2 (11) | 21.9 (16) | 54.2 | 14.6 |
| EDWALL | 45.9 (7) | 44.7 (10) | 45.4 (12) | 22.5 (12) | 48.0 | 13.8 |
| PENAWAWA | 44.4 (8) | 46.4 (9) | 48.0 (10) | 25.0 (7) | 50.6 | 14.3 |
| FIELDER | 39.7 (9) | 40.4 (11) | 37.3 (13) | 22.4 (13) | 51.3 | 13.4 |
| LOUISE | --- | 59.1 (1) | 60.8 (4) | 21.9 (15) | 51.4 | 13.6 |
| WAKANZ | --- | 57.9 (4) | 60.0 (6) | 26.1 (4) | 50.1 | 14.4 |
| WA7964 | --- | --- | 63.8 (1) | 21.9 (14) | 54.3 | 13.9 |
| WA7952 | --- | --- | 58.9 (8) | 21.2 (17) | 50.5 | 13.2 |
| ID632 | --- | --- | --- | 31.0 (1) | 55.3 | 12.6 |
| WA7983 | --- | --- | --- | 28.1 (3) | 54.4 | 13.5 |
| WA7960 | --- | --- | --- | 25.1 (6) | 51.0 | 13.6 |
| WA7963 | --- | --- | --- | 24.6 (9) | 54.3 | 14.1 |
| WQL7PENWX-2 | --- | --- | --- | 24.3 (10) | 51.6 | 13.6 |
| WA7987 | --- | --- | --- | 20.7 (18) | 47.3 | 15.0 |
| WA7986 | --- | --- | --- | 19.0 (19) | 51.6 | 15.4 |
| NURSERY MEAN | 50 | 52.6 | 55.5 | 23.8 | 51.7 | 13.9 |
| CV % | 7.6 | 6.9 | 7.2 | 8.4 | 1.8 | 3.2 |
| LSD @ .10 | 2.3 | 2.9 | 3.8 | 2.8 | 1.3 | 0.6 |

2005 VARIETY TESTING
WASHINGTON STATE UNIVERSITY
DAYTON 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 | 57.3 (1) | 59.5 (1) | 65.9 (1) | 25.2 (5) | 52.6 | 14.6 |
| MACON | 53.0 (2) | 53.7 (5) | 58.0 (6) | 25.3 (4) | 49.3 | 13.8 |
| ID377S | 51.4 (3) | 55.4 (3) | 58.4 (5) | 24.0 (8) | 51.7 | 15.3 |
| OTIS | --- | 56.6 (2) | 60.3 (4) | 23.1 (10) | 54.4 | 15.4 |
| BLANCA GRANDE | --- | 54.4 (4) | 63.1 (2) | 32.9 (1) | 52.4 | 13.1 |
| ID597 | --- | --- | 60.4 (3) | 24.6 (7) | 50.0 | 14.5 |
| BZ98-447W | --- | --- | --- | 29.7 (2) | 50.4 | 13.4 |
| WINSOME | --- | --- | --- | 25.7 (3) | 49.6 | 14.2 |
| WA7957 | --- | --- | --- | 24.8 (6) | 51.1 | 14.7 |
| WA7991 | --- | --- | --- | 23.9 (9) | 52.9 | 14.2 |
| NURSERY MEAN | 53.9 | 55.9 | 61 | 25.9 | 51.4 | 14.3 |
| CV % | 7.8 | 8.2 | 8.6 | 7.5 | 2.1 | 3.4 |
| LSD @ .10 | 2.6 | 3.7 | 5.2 | 2.8 | 1.5 | 0.7 |

2005 VARIETY TESTING
WASHINGTON STATE UNIVERSITY
DAYTON 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 | 57.8 (1) | 59.0 (1) | 66.7 (1) | 28.0 (3) | 51.1 | 16.0 |
| WESTBRED 926 | 54.4 (2) | 53.4 (2) | 59.7 (2) | 28.5 (2) | 49.5 | 17.1 |
| JEFFERSON | 54.3 (3) | 53.4 (3) | 58.6 (4) | 26.2 (4) | 52.5 | 16.9 |
| TARA 2002 | 52.7 (4) | 52.1 (6) | 57.0 (5) | 23.5 (12) | 48.6 | 16.7 |

| | | | | | | |
|-----------------|-----------|-----------|-----------|-----------|------|------|
| SCARLET | 52.6 (5) | 53.1 (4) | 55.8 (8) | 23.0 (14) | 50.2 | 16.1 |
| HOLLIS | 51.5 (6) | 52.2 (5) | 56.9 (7) | 23.1 (13) | 51.6 | 17.6 |
| JEROME | --- | 51.5 (7) | 55.3 (9) | 24.7 (9) | 49.3 | 15.7 |
| ID593 | --- | --- | 58.7 (3) | 23.6 (11) | 47.1 | 16.0 |
| GMG BUCK PRONTO | --- | --- | 56.9 (6) | 24.4 (10) | 49.6 | 17.4 |
| BZ999-592 | --- | --- | --- | 30.1 (1) | 55.0 | 15.9 |
| SX1504B | --- | --- | --- | 25.5 (5) | 55.6 | 15.8 |
| WA7998 | --- | --- | --- | 25.3 (6) | 49.6 | 16.0 |
| BZ999-339 | --- | --- | --- | 25.0 (7) | 50.3 | 16.9 |
| WA7997 | --- | --- | --- | 24.8 (8) | 50.2 | 16.8 |
| WA7994 | --- | --- | --- | 22.3 (15) | 49.0 | 17.1 |
| WA7995 | --- | --- | --- | 21.4 (16) | 49.3 | 16.8 |

| | | | | | | |
|--------------|------|------|------|------|------|------|
| NURSERY MEAN | 53.9 | 53.5 | 58.4 | 25.0 | 50.5 | 16.6 |
| CV % | 5.7 | 7.1 | 7.4 | 7.4 | 1.9 | 4.1 |
| LSD @ .10 | 1.9 | 3 | 4.2 | 2.6 | 1.3 | 0.9 |

DAYTON SPRING WHEAT – 2005 WSU VARIETY TESTING DATA

1. 2005 spring wheat yields from the WSU Variety Testing nursery at the Dayton location averaged only 23-25 bu/ac (easily 60% less than the historical yield averages for Dayton, 59.8 bu/ac). *NOTE: the 2005 nursery was located approximately 15 miles NE of Dayton in the vicinity of Turner Elevator*.
2. This spring wheat nursery (and the spring barley nursery at Dayton, listed below) dramatically reflect the impact of the 2005 spring growing conditions. The nursery was on a re-crop piece of ground following winter wheat and seeded on 9 March 2005 into dry, cold seed bed conditions. Emergence was delayed until the end of March. There was 90#N, 10#P and 10#S of fertilizer applied for this crop. In mid-June 2005, soil moisture in the shallow root zone was depleted and the plants basically quit growing with pre-mature ripening. Low test weight and high protein values are indicative of the growing conditions for this crop. This is a nursery where 3-yr and 5-yr yield averages should be used to assess variety performance.