

2008 WSU EXTENSION SOFT WHITE SPRING WHEAT NURSERY AT MAYVIEW, WA.

| Variety Name <i>*Club Italized</i> | 5 YEAR AVERAGE (BU/A) | 3 YEAR AVERAGE (BU/A) | 2 YEAR AVERAGE (BU/A) | 2008 | | | | |
|---------------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------|---------------------|----------------|-------------|--------------|
| | | | | YIELD (BU/A) | TEST WT (LBS/BU) | PROTEIN (%) | PLANT HT | HEAD DATE |
| WA008090 | | | | 58.6 | 60.8 | 9.9 | 26.3 | 184.0 |
| WAKANZ | 48.4 | 53.2 | 57.4 | 58.0 | 60.7 | 10.8 | 25.0 | 187.0 |
| WHIT | | 50.7 | 57.6 | 57.0 | 60.1 | 10.7 | 25.0 | 181.0 |
| LOUISE | 46.2 | 53.6 | 60.0 | 55.5 | 60.4 | 10.3 | 26.7 | 183.0 |
| <i>WA008047</i> | | | 55.7 | 55.5 | 62.1 | 10.3 | 24.7 | 186.0 |
| NICK | 51.0 | 53.7 | 57.8 | 54.3 | 60.6 | 11.0 | 26.7 | 180.5 |
| ALPOWA | 46.4 | 50.8 | 54.9 | 53.6 | 62.2 | 10.1 | 25.0 | 185.0 |
| ALTURAS | 46.0 | 50.0 | 56.3 | 53.5 | 60.2 | 10.7 | 23.0 | 184.0 |
| <i>EDEN</i> | 49.0 | 52.0 | 56.6 | 53.5 | 61.8 | 10.3 | 23.7 | 181.5 |
| WA008089 | | | | 53.5 | 61.2 | 10.0 | 25.0 | 184.5 |
| WA008041 | | | 55.1 | 52.9 | 60.3 | 10.6 | 27.0 | 185.5 |
| WA008039 | | | 57.6 | 52.3 | 61.9 | 11.0 | 24.7 | 184.0 |
| BZ604-026 | | | | 52.2 | 62.0 | 11.1 | 23.0 | 182.0 |
| ZAK | 45.3 | 49.6 | 52.7 | 51.5 | 61.0 | 11.1 | 25.7 | 186.0 |
| WA008059 | | | 52.0 | 51.5 | 62.7 | 12.5 | 25.7 | 182.5 |
| WA008046 | | | 51.3 | 50.9 | 60.2 | 12.0 | 23.3 | 183.5 |
| UI CATALDO | | 49.0 | 53.4 | 49.5 | 60.1 | 11.1 | 24.3 | 179.5 |
| WA008042 | | | | 49.4 | 61.5 | 11.0 | 25.3 | 186.0 |
| WA008058 | | | | 47.2 | 62.9 | 11.7 | 24.7 | 182.5 |
| <i>WA008082</i> | | | | 40.1 | 61.4 | 12.3 | 22.0 | 185.0 |
| <i>WA008049</i> | | | | 39.5 | 60.4 | 11.4 | 23.7 | 187.5 |
| C.V. % | 6.2 | 5.9 | 5.4 | 4.5 | 0.7 | 4.2 | -- | -- |
| LSD '@ .10' | 1.8 | 2.4 | 2.8 | 3.2 | 0.6 | 0.6 | -- | -- |
| Average | 47.5 | 51.4 | 55.6 | 51.9 | 61.2 | 11.0 | 24.8 | 183.8 |
| Highest | 51.0 | 53.7 | 60.0 | 58.6 | 62.9 | 12.5 | 27.0 | 187.5 |
| Lowest | 45.3 | 49.0 | 51.3 | 39.5 | 60.1 | 9.9 | 22.0 | 179.5 |

2008 WSU EXTENSION HARD WHITE SPRING WHEAT NURSERY AT MAYVIEW, WA.

| Variety Name | 5 YEAR AVERAGE (BU/A) | 3 YEAR AVERAGE (BU/A) | 2 YEAR AVERAGE (BU/A) | 2008 | | | | |
|---------------|-----------------------------|-----------------------------|-----------------------------|-----------------|---------------------|----------------|-------------|--------------|
| | | | | YIELD (BU/A) | TEST WT (LBS/BU) | PROTEIN (%) | PLANT HT | HEAD DATE |
| WA008079 | | | | 57.6 | 61.9 | 10.4 | 28.3 | 184.0 |
| LOLO | 50.7 | 53.2 | 56.1 | 57.3 | 62.8 | 12.1 | 26.0 | 182.5 |
| MACON | 44.5 | 48.7 | 54.2 | 55.5 | 59.9 | 11.1 | 26.0 | 182.0 |
| OTIS | 46.2 | 51.0 | 52.8 | 54.5 | 62.2 | 11.4 | 30.3 | 183.5 |
| WA008080 | | | | 53.0 | 59.9 | 11.9 | 26.7 | 181.0 |
| WA008078 | | | | 52.4 | 61.6 | 11.2 | 26.7 | 179.5 |
| 07M SP1 | | | | 51.9 | 62.0 | 11.7 | 27.0 | 184.0 |
| CLEAR WHITE | | | 54.3 | 50.0 | 61.3 | 10.2 | 23.7 | 178.5 |
| WA008081 | | | | 48.8 | 60.8 | 11.2 | 27.7 | 179.0 |
| BLANCA GRANDE | 46.4 | 45.1 | 50.1 | 48.0 | 63.6 | 11.5 | 21.0 | 177.5 |
| RSI10348W | | | | 46.8 | 62.0 | 10.8 | 22.0 | 177.0 |
| WA008037 | | | | 46.7 | 59.8 | 12.8 | 26.7 | 183.0 |
| C.V. % | 6.1 | 6.5 | 6.3 | 6.3 | 0.5 | 5.3 | -- | -- |
| LSD '@ .10' | 1.8 | 2.6 | 3.2 | 4.6 | 0.4 | 0.8 | -- | -- |
| Average | 46.9 | 49.5 | 53.5 | 51.9 | 61.5 | 11.4 | 26.0 | 181.0 |
| Highest | 50.7 | 53.2 | 56.1 | 57.6 | 63.6 | 12.8 | 30.3 | 184.0 |
| Lowest | 44.5 | 45.1 | 50.1 | 46.7 | 59.8 | 10.2 | 21.0 | 177.0 |

2008 WSU EXTENSION HARD RED SPRING WHEAT NURSERY AT MAYVIEW, WA.

| Variety Name | 5 YEAR AVERAGE (BU/A) | 3 YEAR AVERAGE (BU/A) | 2 YEAR AVERAGE (BU/A) | 2008 | | | | |
|---------------|-----------------------------|-----------------------------|-----------------------------|-----------------|---------------------|----------------|-------------|--------------|
| | | | | YIELD (BU/A) | TEST WT (LBS/BU) | PROTEIN (%) | PLANT HT | HEAD DATE |
| KELSE | | 47.3 | 51.1 | 54.3 | 61.6 | 13.1 | 27.0 | 181.0 |
| TARA 2002 | 46.3 | 46.9 | 52.9 | 52.8 | 61.5 | 12.3 | 27.3 | 177.5 |
| WA008026 | | | | 52.4 | 63.3 | 12.1 | 28.0 | 182.0 |
| WA008033 | | | | 52.1 | 60.4 | 13.0 | 26.3 | 184.0 |
| VOLT | | 48.3 | 52.6 | 52.0 | 62.8 | 12.0 | 25.7 | 184.5 |
| RSI20035 | | | | 51.1 | 61.1 | 12.1 | 23.7 | 178.5 |
| JEDD | | 47.7 | 51.7 | 50.9 | 61.8 | 11.9 | 22.0 | 180.5 |
| JEFFERSON | 48.4 | 50.1 | 53.2 | 50.4 | 60.6 | 13.2 | 23.7 | 181.0 |
| BUCK PRONTO | 46.2 | 47.7 | 50.9 | 50.3 | 60.5 | 13.6 | 26.3 | 178.0 |
| HOLLIS | 41.1 | 44.3 | 48.3 | 50.2 | 60.6 | 12.8 | 31.7 | 180.5 |
| SCARLET | 45.1 | 46.5 | 50.8 | 50.1 | 60.1 | 12.6 | 26.7 | 182.0 |
| WA008034 | | | 49.4 | 49.9 | 59.6 | 12.7 | 27.0 | 183.0 |
| WA008027 | | | 48.8 | 49.4 | 61.5 | 12.8 | 27.3 | 182.5 |
| BZ901-717 | | | | 49.1 | 61.0 | 12.6 | 26.0 | 178.5 |
| AP-81 | | | | 49.0 | 62.9 | 11.2 | 23.3 | 181.5 |
| HANK | 46.1 | 45.4 | 49.1 | 48.4 | 59.6 | 12.5 | 23.3 | 181.0 |
| WA008030 | | | 48.4 | 48.1 | 60.9 | 12.9 | 26.3 | 184.5 |
| WA008077 | | | | 48.1 | 60.2 | 12.6 | 25.7 | 184.0 |
| UI WINCHESTER | | | | 47.8 | 61.0 | 12.2 | 23.3 | 179.5 |
| NPBHR70 | | | | 47.3 | 59.8 | 13.0 | 24.0 | 180.0 |
| WESTBRED 926 | 46.4 | 46.5 | 48.8 | 46.6 | 59.1 | 12.7 | 23.7 | 178.5 |
| C.V. % | 5.6 | 5.9 | 4.9 | 5.6 | 1.0 | 4.9 | -- | -- |
| LSD '@ .10' | 1.6 | 2.2 | 2.4 | 3.8 | 0.8 | 0.9 | -- | -- |
| Average | 45.7 | 47.1 | 50.5 | 50.0 | 61.0 | 12.6 | 25.6 | 181.1 |
| Highest | 48.4 | 50.1 | 53.2 | 54.3 | 63.3 | 13.6 | 31.7 | 184.5 |
| Lowest | 41.1 | 44.3 | 48.3 | 46.6 | 59.1 | 11.2 | 22.0 | 177.5 |

MAYVIEW SPRING WHEAT – 2008 WSU VARIETY TESTING DATA

1. 2008 Spring Wheat **YIELD DATA** from the WSU Variety Testing nursery at the Mayview, WA location averaged 51.9, 51.9, and 50.0 bu/ac for soft white spring, hard white spring and hard red spring wheat, respectively. The 2008 spring wheat yields were above the previous historical 3-year average by (15%), (17.1%), and (16.2%) for soft white spring, hard white spring, and hard red spring, respectively. *NOTE: The Mayview nursery was located on Tramway Rd about 25 miles northeast of Pomeroy, WA (Garfield County) on the breaks of the Snake River, overlooking Lower Granite to the north. (Roger and Randy Koller farm).*
2. This nursery was planted (29 April 2008) on re-crop ground following winter wheat with a double disc plot drill (6-inch spacing) at a 70#/acre seeding rate. A March 2008 soil test showed 8.82 inches moisture in the top 4-feet. Base fertilizer was 70#N and 15#S. March 2008 soil test analysis showed 106#N, 24P#, and 7S#.
3. Average **TEST WEIGHT** values ranged across market classes from 59.1 lb/bu to 63.6 lb/bu.
4. **GRAIN PROTEIN** values averaged 11.0%, 11.4% and 12.6% for soft white, hard white and hard red spring market classes, respectively.