

**2008 WSU EXTENSION HARD WINTER WHEAT NURSERY AT WALLA WALLA, WA.**

| Variety Name<br><i>*HDWH Italized</i> | 5 YEAR<br>AVERAGE<br>(BU/A) | 3 YEAR<br>AVERAGE<br>(BU/A) | 2 YEAR<br>AVERAGE<br>(BU/A) | 2008            |                     |                |                |             |              |
|---------------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------|---------------------|----------------|----------------|-------------|--------------|
|                                       |                             |                             |                             | YIELD<br>(BU/A) | TEST WT<br>(LBS/BU) | PROTEIN<br>(%) | LODGING<br>(%) | PLANT<br>HT | HEAD<br>DATE |
| ML9W05-2506                           | --                          | --                          | --                          | 139.7           | 63.0                | 12.6           | 5.0            | 37.0        | 145.8        |
| BOUNDARY                              | --                          | --                          | --                          | 136.4           | 60.6                | 12.2           | 25.0           | 37.8        | 148.0        |
| EDDY                                  | --                          | --                          | --                          | 134.4           | 63.0                | 12.8           | 21.3           | 34.8        | 145.0        |
| W98-344                               | --                          | --                          | --                          | 134.0           | 61.5                | 12.5           | 1.3            | 36.8        | 142.8        |
| IDO621                                | --                          | --                          | --                          | 133.1           | 60.6                | 12.8           | 64.8           | 35.3        | 148.4        |
| AGRIPRO PALADIN                       | --                          | --                          | --                          | 132.1           | 62.3                | 12.8           | 0.0            | 36.8        | 145.4        |
| WA008068                              | --                          | --                          | --                          | 128.2           | 62.2                | 13.7           | 15.0           | 48.3        | 147.6        |
| DECLO                                 | --                          | --                          | --                          | 127.3           | 61.3                | 13.4           | 0.0            | 34.5        | 146.9        |
| WA008023                              | --                          | --                          | --                          | 126.8           | 60.0                | 12.6           | 35.0           | 43.8        | 149.5        |
| WA008067                              | --                          | --                          | --                          | 126.6           | 60.3                | 13.1           | 73.8           | 43.5        | 149.1        |
| ACS 52025                             | --                          | --                          | --                          | 125.8           | 61.0                | 12.3           | 61.3           | 38.8        | 143.5        |
| NORWEST 553                           | --                          | --                          | --                          | 123.6           | 61.7                | 13.4           | 0.0            | 32.0        | 145.0        |
| WA008069                              | --                          | --                          | --                          | 123.1           | 60.9                | 11.9           | 45.0           | 42.8        | 149.1        |
| <i>PALOMINO</i>                       | --                          | --                          | --                          | 120.6           | 62.0                | 13.0           | 0.0            | 32.5        | 142.0        |
| ELTAN                                 | --                          | --                          | --                          | 120.4           | 59.5                | 12.2           | 76.3           | 38.0        | 151.4        |
| BZ9W02-2032                           | --                          | --                          | --                          | 119.3           | 60.1                | 12.7           | 82.3           | 38.8        | 142.4        |
| DH99-37-100                           | --                          | --                          | --                          | 118.9           | 61.8                | 12.8           | 53.8           | 44.8        | 147.3        |
| BC002-2                               | --                          | --                          | --                          | 117.6           | 61.4                | 13.6           | 7.5            | 35.0        | 142.8        |
| BAUERMEISTER                          | --                          | --                          | --                          | 117.0           | 58.9                | 13.0           | 99.0           | 39.8        | 151.8        |
| <i>NUDAKOTA</i>                       | --                          | --                          | --                          | 114.5           | 60.8                | 12.5           | 20.0           | 32.0        | 142.0        |
| TX97F4-33-1B                          | --                          | --                          | --                          | 113.1           | 62.1                | 12.1           | 58.5           | 36.0        | 142.8        |
| <i>WA008070</i>                       | --                          | --                          | --                          | 113.0           | 61.0                | 13.1           | 63.8           | 46.0        | 151.4        |
| <i>MDM</i>                            | --                          | --                          | --                          | 112.8           | 59.5                | 12.6           | 93.0           | 37.8        | 151.4        |
| <i>UI DARWIN</i>                      | --                          | --                          | --                          | 110.4           | 61.8                | 12.7           | 91.3           | 40.8        | 148.0        |
| WA008022                              | --                          | --                          | --                          | 106.6           | 59.7                | 13.3           | 86.3           | 47.0        | 148.4        |
| HATTON                                | --                          | --                          | --                          | 104.1           | 62.8                | 13.0           | 82.5           | 47.3        | 149.9        |
| WA008060                              | --                          | --                          | --                          | 103.9           | 59.7                | 13.8           | 81.0           | 46.0        | 152.5        |
| FARNUM                                | --                          | --                          | --                          | 98.3            | 59.5                | 13.9           | 83.8           | 45.3        | 152.5        |
| FINLEY                                | --                          | --                          | --                          | 89.6            | 61.7                | 13.3           | 78.5           | 48.0        | 146.9        |
| WA008061                              | --                          | --                          | --                          | 85.7            | 60.7                | 14.6           | 86.3           | 46.5        | 147.3        |
| C.V. %                                | --                          | --                          | --                          | 8.8             | 1.3                 | 3.1            | --             | --          | --           |
| LSD '@ .10'                           | --                          | --                          | --                          | 12.3            | 0.9                 | 0.5            | --             | --          | --           |
| Average                               | --                          | --                          | --                          | 118.6           | 61.1                | 12.9           | 49.7           | 40.1        | 147.2        |
| Highest                               | --                          | --                          | --                          | 139.7           | 63.0                | 14.6           | 99.0           | 48.3        | 152.5        |
| Lowest                                | --                          | --                          | --                          | 85.7            | 58.9                | 11.9           | 0.0            | 32.0        | 142.0        |

## WALLA WALLA HARD WINTER WHEAT – 2008 WSU VARIETY TESTING DATA

1. 2008 Hard Winter Wheat **YIELD DATA** from the WSU Variety Testing nursery at the Walla Walla location averaged 118.6 bu/ac. *NOTE: The Walla Walla nursery was located nine miles southwest of Waitsburg, WA (Beechinor farm).*
2. This nursery was **seeded** on 2 October 2007 on summer fallow ground using a plot drill with double disc openers (6-inch spacing), seeding rate was 85#/acre. The base fertilizer rate was 110#N, 15#P and 15#S. March 2008 soil test analyses showed 152#N, 21#P and 14#S in a 4-foot soil profile and an additional 160#N and 24#S was applied.
3. Wheat quality in terms of **test weight** averaged 61.1 lbs/bu.
4. **Percent grain protein** had a range of 11.9% to 14.6% with an average of 12.9%.