

## 2004 WSU HARD WINTER WHEAT TRIAL SUMMARY

| VARIETY NAME           | YIELD (BU/A) |             |           |        |         |             | VARIETY MEAN |
|------------------------|--------------|-------------|-----------|--------|---------|-------------|--------------|
|                        | LIND         | ST. ANDREWS | RITZVILLE | ALMIRA | PULLMAN | WALLA WALLA |              |
| <b>Hard White</b>      |              |             |           |        |         |             |              |
| GARY                   | 45.4         | 56.6        | 52.9      | 91.3   | 131.0   | 113.6       | 81.8         |
| GOLDEN SPIKE           | 49.9         | 67.3        | 57.0      | 111.2  | 136.7   | 135.9       | 93.0         |
| ID604                  | 41.7         | 54.5        | 43.9      | 89.7   | 137.2   | 134.8       | 83.6         |
| NUFRONTIER             | 33.7         | 53.2        | 46.4      | 91.3   | 150.8   | 149.0       | 87.4         |
| NUHILLS                | 20.4         | 41.9        | 32.0      | 69.1   | 129.2   | 140.9       | 72.2         |
| NUHORIZON              | 36.8         | 63.3        | 45.2      | 89.7   | 129.6   | 145.7       | 85.0         |
| W96-054W               | 28.3         | 43.6        | 43.9      | 81.8   | 115.7   | 122.1       | 72.6         |
| WA7936                 | 53.8         | 62.6        | 59.2      | 110.2  | 140.9   | 139.9       | 94.4         |
| WA7966                 | 48.4         | 48.2        | 61.6      | 118.2  | 139.6   | 131.6       | 91.3         |
| <b>Hard Red Winter</b> |              |             |           |        |         |             |              |
| WANSER/*5VRN2          | 24.6         | 0.0         | 38.2      | 42.6   | 118.2   | 96.5        | 53.4         |
| BOUNDARY               | 47.0         | 58.2        | 57.2      | 97.0   | 138.2   | 151.3       | 91.5         |
| BUCHANAN               | 45.5         | 49.1        | 65.4      | 101.6  | 98.7    | 105.0       | 77.5         |
| BZ9W96-788-E           | 46.1         | 63.9        | 61.5      | 84.5   | 137.7   | 151.3       | 90.8         |
| CDC FALCON             | 46.7         | 56.9        | 60.0      | 86.5   | 140.4   | 137.1       | 87.9         |
| DECLO                  | 36.5         | 52.1        | 62.4      | 74.9   | 142.7   | 161.3       | 88.3         |
| DW                     | 42.0         | 61.7        | 47.3      | 84.7   | 137.1   | 132.3       | 84.2         |
| FINLEY                 | 43.5         | 57.5        | 59.1      | 97.6   | 122.7   | 109.5       | 81.6         |
| HATTON                 | 49.1         | 62.4        | 59.3      | 88.3   | 83.4    | 96.1        | 73.1         |
| ID 571                 | 40.4         | 53.6        | 45.1      | 73.3   | 144.6   | 127.2       | 80.7         |
| ID615                  | 40.1         | 68.2        | 53.2      | 94.9   | 154.1   | 149.2       | 93.3         |
| MORELAND               | 38.6         | 53.1        | 62.0      | 91.9   | 131.2   | 158.0       | 89.1         |
| Q. HYB 542             | 48.2         | 60.8        | 61.4      | 93.6   | 153.7   | 149.3       | 94.5         |
| RESIDENCE              | 48.4         | 27.4        | 59.5      | 67.6   | 134.6   | 156.8       | 82.4         |
| SEMPER                 | 52.1         | 38.0        | 60.6      | 74.5   | 143.8   | 154.8       | 87.3         |
| SYMPHONY               | 32.7         | 66.6        | 51.1      | 91.2   | 129.8   | 144.0       | 85.9         |
| W96-355                | 0.0          | 43.6        | 49.9      | 82.8   | 142.9   | 138.1       | 87.1         |
| WA7939                 | 44.1         | 69.2        | 61.0      | 97.8   | 136.6   | 146.5       | 92.5         |
| WANSER                 | 39.5         | 51.2        | 53.1      | 77.8   | 130.0   | 99.1        | 75.1         |
| WESTON                 | 39.3         | 54.2        | 51.6      | 96.5   | 133.6   | 128.9       | 84.0         |
| <b>Soft White</b>      |              |             |           |        |         |             |              |
| ELTAN                  | 55.3         | 57.9        | 64.4      | 114.2  | 151.4   | 166.2       | 101.6        |
| <b>MEAN</b>            |              |             |           |        |         |             |              |
|                        | 41.6         | 53.2        | 54.2      | 88.9   | 133.9   | 135.7       | 84.8         |
| <b>CV%</b>             |              |             |           |        |         |             |              |
|                        | 14.9         | 20.9        | 7.6       | 9.9    | 7.2     | 7.9         | 10.4         |
| <b>LSD @ .10</b>       |              |             |           |        |         |             |              |
|                        | 7.7          | 13.1        | 4.8       | 10.4   | 11.3    | 12.6        | 4.2          |

## 2004 WSU HARD WINTER WHEAT TRIAL SUMMARY

| VARIETY NAME           | LIND | ST. ANDREWS | RITZVILLE | ALMIRA | PULLMAN | WALLA WALLA | VARIETY MEAN |
|------------------------|------|-------------|-----------|--------|---------|-------------|--------------|
| <b>Hard White</b>      |      |             |           |        |         |             |              |
| GARY                   | 61.6 | 59.2        | 61.8      | 60.8   | 58.7    | 58.6        | 60.1         |
| GOLDEN SPIKE           | 61.9 | 58.6        | 62.3      | 61.1   | 60.0    | 60.1        | 60.7         |
| ID604                  | 62.9 | 61.4        | 62.4      | 61.7   | 62.2    | 62.0        | 62.1         |
| NUFRONTIER             | 63.9 | 60.7        | 63.2      | 61.8   | 62.3    | 62.8        | 62.5         |
| NUHILLS                | 61.4 | 60.5        | 61.4      | 61.2   | 62.9    | 63.4        | 61.8         |
| NUHORIZON              | 63.5 | 62.3        | 63.3      | 62.7   | 62.5    | 63.3        | 62.9         |
| W96-054W               | 62.8 | 60.9        | 62.5      | 62.1   | 61.5    | 62.7        | 62.1         |
| WA7936                 | 62.0 | 58.2        | 61.9      | 60.2   | 57.6    | 58.1        | 59.7         |
| WA7966                 | 61.7 | 56.6        | 61.9      | 60.1   | 58.0    | 57.4        | 59.3         |
| <b>Hard Red Winter</b> |      |             |           |        |         |             |              |
| WANSER/*5VRN2          | 60.3 | 0.0         | 60.5      | 58.9   | 60.8    | 58.3        | 49.8         |
| BOUNDARY               | 60.7 | 58.1        | 60.7      | 60.8   | 59.9    | 60.7        | 60.2         |
| BUCHANAN               | 61.9 | 57.0        | 61.6      | 59.9   | 56.4    | 57.6        | 59.1         |
| BZ9W96-788-E           | 62.7 | 59.8        | 62.7      | 61.3   | 60.9    | 62.7        | 61.7         |
| CDC FALCON             | 62.8 | 59.4        | 62.8      | 61.0   | 60.3    | 62.6        | 61.5         |
| DECLO                  | 62.5 | 59.5        | 63.1      | 60.9   | 59.5    | 62.1        | 61.3         |
| DW                     | 62.3 | 60.4        | 61.6      | 61.2   | 61.1    | 61.6        | 61.4         |
| FINLEY                 | 62.8 | 60.6        | 62.2      | 62.2   | 61.9    | 60.7        | 61.7         |
| HATTON                 | 63.3 | 61.6        | 62.9      | 62.5   | 58.1    | 59.2        | 61.3         |
| ID 571                 | 62.2 | 60.1        | 61.7      | 61.5   | 60.6    | 62.4        | 61.4         |
| ID615                  | 57.4 | 59.1        | 60.3      | 60.7   | 61.2    | 61.6        | 60.1         |
| MORELAND               | 61.8 | 58.1        | 61.6      | 60.5   | 58.9    | 61.4        | 60.4         |
| Q. HYB 542             | 62.8 | 60.3        | 62.6      | 61.7   | 61.8    | 62.2        | 61.9         |
| RESIDENCE              | 60.8 | 53.8        | 60.5      | 56.6   | 56.9    | 61.4        | 58.4         |
| SEMPER                 | 60.7 | 54.2        | 60.7      | 56.7   | 57.8    | 61.7        | 58.6         |
| SYMPHONY               | 60.1 | 58.3        | 60.4      | 59.8   | 58.9    | 61.5        | 59.9         |
| W96-355                | 0.0  | 59.3        | 62.4      | 62.1   | 61.4    | 62.6        | 58.6         |
| WA7939                 | 61.3 | 58.4        | 61.9      | 60.1   | 56.9    | 58.8        | 59.6         |
| WANSER                 | 62.7 | 59.5        | 62.4      | 60.1   | 60.4    | 59.9        | 60.9         |
| WESTON                 | 62.4 | 60.9        | 62.4      | 62.2   | 62.3    | 60.8        | 61.9         |
| <b>Soft White</b>      |      |             |           |        |         |             |              |
| ELTAN                  | 61.3 | 56.4        | 61.6      | 58.9   | 57.7    | 59.1        | 59.2         |
| <b>MEAN</b>            |      |             |           |        |         |             |              |
|                        | 61.4 | 57.1        | 61.9      | 60.7   | 60.0    | 60.9        | 60.3         |
| <b>CV%</b>             |      |             |           |        |         |             |              |
|                        | 2.2  | 1.9         | 0.6       | 0.6    | 0.9     | 1.2         | 1.4          |
| <b>LSD @ .10</b>       |      |             |           |        |         |             |              |
|                        | 1.7  | 1.3         | 0.5       | 0.4    | 0.6     | 0.8         | 0.4          |

## 2004 WSU HARD WINTER WHEAT TRIAL SUMMARY

| VARIETY NAME           | PROTEIN (%) |             |           |        |         |             | VARIETY MEAN |
|------------------------|-------------|-------------|-----------|--------|---------|-------------|--------------|
|                        | LIND        | ST. ANDREWS | RITZVILLE | ALMIRA | PULLMAN | WALLA WALLA |              |
| <b>Hard White</b>      |             |             |           |        |         |             |              |
| GARY                   | 11.5        | 9.6         | 11.8      | 10.3   | 10.8    | 12.5        | 11.1         |
| GOLDEN SPIKE           | 11.3        | 10.3        | 11.8      | 10.7   | 11.0    | 11.7        | 11.1         |
| ID604                  | 12.6        | 10.9        | 14.0      | 13.2   | 11.7    | 12.7        | 12.5         |
| NUFRONTIER             | 11.5        | 10.4        | 12.0      | 12.2   | 10.9    | 12.4        | 11.6         |
| NUHILLS                | 15.2        | 13.3        | 14.9      | 14.9   | 13.0    | 13.4        | 14.1         |
| NUHORIZON              | 12.3        | 10.7        | 12.4      | 13.0   | 11.8    | 12.3        | 12.1         |
| W96-054W               | 13.4        | 12.4        | 13.5      | 13.0   | 12.8    | 13.5        | 13.1         |
| WA7936                 | 10.7        | 8.5         | 11.5      | 9.8    | 11.4    | 12.5        | 10.7         |
| WA7966                 | 11.0        | 9.5         | 11.0      | 9.4    | 11.3    | 12.6        | 10.8         |
| <b>Hard Red Winter</b> |             |             |           |        |         |             |              |
| WANSER/*5VRN2          | 15.1        | 0.0         | 15.7      | 15.2   | 14.0    | 15.7        | 12.6         |
| BOUNDARY               | 11.8        | 11.2        | 12.4      | 11.8   | 11.5    | 12.5        | 11.9         |
| BUCHANAN               | 11.4        | 10.6        | 10.5      | 10.9   | 11.4    | 12.5        | 11.2         |
| BZ9W96-788-E           | 12.4        | 12.0        | 12.3      | 12.8   | 11.8    | 12.7        | 12.3         |
| CDC FALCON             | 11.5        | 10.8        | 12.0      | 12.0   | 11.7    | 12.1        | 11.7         |
| DECLO                  | 13.7        | 11.6        | 12.4      | 12.2   | 12.3    | 12.9        | 12.5         |
| DW                     | 11.9        | 10.5        | 13.6      | 12.0   | 11.5    | 12.7        | 12.0         |
| FINLEY                 | 11.1        | 9.7         | 11.1      | 12.0   | 12.1    | 14.4        | 11.7         |
| HATTON                 | 10.9        | 10.7        | 12.0      | 11.4   | 11.1    | 12.9        | 11.5         |
| ID 571                 | 12.7        | 10.9        | 13.7      | 12.3   | 11.3    | 12.3        | 12.2         |
| ID615                  | 12.6        | 10.9        | 13.4      | 12.6   | 11.7    | 12.8        | 12.3         |
| MORELAND               | 12.7        | 11.2        | 12.1      | 12.2   | 12.1    | 13.0        | 12.2         |
| Q. HYB 542             | 12.5        | 11.3        | 12.5      | 12.7   | 12.1    | 13.4        | 12.4         |
| RESIDENCE              | 11.2        | 11.1        | 11.5      | 11.1   | 12.2    | 12.5        | 11.6         |
| SEMPER                 | 11.5        | 11.5        | 11.8      | 11.3   | 12.0    | 12.3        | 11.8         |
| SYMPHONY               | 12.5        | 10.9        | 13.1      | 12.9   | 12.6    | 12.7        | 12.4         |
| W96-355                | 0.0         | 13.1        | 13.7      | 13.7   | 12.2    | 13.4        | 12.6         |
| WA7939                 | 11.5        | 10.8        | 11.5      | 10.6   | 11.8    | 12.2        | 11.4         |
| WANSER                 | 12.2        | 11.6        | 12.7      | 13.9   | 11.3    | 14.2        | 12.7         |
| WESTON                 | 13.1        | 11.9        | 13.7      | 13.1   | 12.6    | 14.2        | 13.1         |
| <b>Soft White</b>      |             |             |           |        |         |             |              |
| ELTAN                  | 10.2        | 9.2         | 11.8      | 9.9    | 10.9    | 11.4        | 10.6         |
| MEAN                   | 12.0        | 10.6        | 12.6      | 12.1   | 11.8    | 12.9        | 12.0         |
| CV%                    | 5.7         | 11.2        | 4.3       | 5.2    | 3.3     | 2.4         | 5.7          |
| LSD @ .10              | 0.8         | 1.4         | 0.6       | 0.7    | 0.5     | 0.4         | 0.3          |