

## WSU Hard Winter Wheat Trial Multi-Year Summary

Precipitation Zone = <12"

(Connell, Horse Heavern, Lind, Ritzville, St. Andrews)

| Variety Name                     | 2 Years              |                   |                   | 3 Years               |                   |                   | 5 Years               |                   |                   |
|----------------------------------|----------------------|-------------------|-------------------|-----------------------|-------------------|-------------------|-----------------------|-------------------|-------------------|
|                                  | 2013-2014, 9 loc/yrs |                   |                   | 2012-2014, 13 loc/yrs |                   |                   | 2010-2014, 23 loc/yrs |                   |                   |
|                                  | Yield<br>Bu/A        | TW<br>Lbs/Bu      | Protein<br>%      | Yield<br>Bu/A         | TW<br>Lbs/Bu      | Protein<br>%      | Yield<br>Bu/A         | TW<br>Lbs/Bu      | Protein<br>%      |
| <b>Hard Red Winter</b>           |                      |                   |                   |                       |                   |                   |                       |                   |                   |
| Boundary                         | 42                   | 61.5              | 12.3              | 45                    | 61.1              | 12.1              | 49                    | 61.0              | 11.7              |
| WA 8181                          | 42                   | 61.0              | 11.9              |                       |                   |                   |                       |                   |                   |
| Farnum                           | 40                   | 60.1              | 12.6              | 43                    | 59.9              | 12.5              | 50                    | 59.9              | 12.0              |
| Bauermeister                     | 40                   | 61.5              | 11.9              | 44                    | 61.2              | 11.7              | 49                    | 60.9              | 11.3              |
| WA 8180                          | 40                   | 62.5              | 12.3              |                       |                   |                   |                       |                   |                   |
| WA 8179                          | 40                   | 61.9              | 12.5              |                       |                   |                   |                       |                   |                   |
| UI SRG                           | 40                   | 61.8              | 12.6              | 41                    | 61.3              | 12.6              |                       |                   |                   |
| WB-Arrowhead                     | 39                   | 62.7              | 12.9              |                       |                   |                   |                       |                   |                   |
| WA 8178                          | 39                   | 61.3              | 12.4              |                       |                   |                   |                       |                   |                   |
| Keldin                           | 39                   | 62.8              | 12.7              |                       |                   |                   |                       |                   |                   |
| LCS Colonia                      | 39                   | 59.0              | 11.9              |                       |                   |                   |                       |                   |                   |
| IDO816                           | 38                   | 61.9              | 12.3              | 39                    | 61.4              | 12.3              |                       |                   |                   |
| Finley                           | 37                   | 63.3              | 12.5              | 40                    | 62.8              | 12.5              | 45                    | 62.8              | 12.0              |
| LCS-Azimut                       | 37                   | 59.4              | 11.8              | 38                    | 59.0              | 11.8              |                       |                   |                   |
| IDO1103                          | 36                   | 62.4              | 12.8              |                       |                   |                   |                       |                   |                   |
| DAS 1                            | 36                   | 60.3              | 13.2              |                       |                   |                   |                       |                   |                   |
| Whetstone                        | 35                   | 62.4              | 13.1              |                       |                   |                   |                       |                   |                   |
| AP503 CL2                        | 35                   | 64.1              | 13.4              |                       |                   |                   |                       |                   |                   |
| Norwest 553                      | 35 <sup>1</sup>      | 62.1 <sup>1</sup> | 13.1 <sup>1</sup> | 34 <sup>3</sup>       | 61.7 <sup>3</sup> | 12.8 <sup>3</sup> | 44 <sup>5</sup>       | 61.6 <sup>5</sup> | 12.5 <sup>5</sup> |
| DAS 2                            | 34                   | 61.7              | 13.2              |                       |                   |                   |                       |                   |                   |
| Sprinter (WA 8118)               | 33                   | 61.4              | 14.0              | 34                    | 61.0              | 13.9              | 40                    | 61.1              | 13.2              |
| <b>Hard White Winter</b>         |                      |                   |                   |                       |                   |                   |                       |                   |                   |
| IDO1101                          | 42                   | 63.5              | 12.2              |                       |                   |                   |                       |                   |                   |
| WA 8158                          | 41                   | 62.0              | 12.4              | 42                    | 61.5              | 12.4              |                       |                   |                   |
| UI Silver                        | 39                   | 63.0              | 12.0              | 41                    | 62.8              | 12.0              | 47                    | 62.6              | 11.6              |
| OR2080236H                       | 34 <sup>1</sup>      | 60.1 <sup>1</sup> | 13.1 <sup>1</sup> | 41 <sup>3</sup>       | 60.1 <sup>3</sup> | 12.5 <sup>3</sup> |                       |                   |                   |
| OR2080156H                       | 33 <sup>2</sup>      | 61.1 <sup>2</sup> | 13.5 <sup>2</sup> | 35 <sup>4</sup>       | 60.6 <sup>4</sup> | 13.3 <sup>4</sup> | 40 <sup>6</sup>       | 60.4 <sup>6</sup> | 12.8 <sup>6</sup> |
| <b>Soft White Winter (Check)</b> |                      |                   |                   |                       |                   |                   |                       |                   |                   |
| Eltan                            | 46                   | 61.4              | 11.4              | 48                    | 61.1              | 11.3              | 52                    | 60.7              | 10.9              |
| C.V. %                           | 12                   | 1.3               | 5.3               | 13                    | 1.3               | 5.2               | 14                    | 1.1               | 5.6               |
| LSD (.10)                        | 2                    | 0.3               | 0.2               | 1                     | 0.2               | 0.2               | 1                     | 0.2               | 0.2               |
| Average                          | 37                   | 61.7              | 12.6              | 40                    | 61.1              | 12.5              | 45                    | 61.3              | 12.1              |
| Highest                          | 46                   | 64.1              | 14.0              | 48                    | 62.8              | 13.9              | 52                    | 62.8              | 13.2              |
| Lowest                           | 26                   | 59.0              | 11.4              | 33                    | 59.0              | 11.3              | 37                    | 59.9              | 10.9              |

<sup>1,2</sup>- 6, 8 loc/yrs respectively

<sup>3,4</sup>- 10, 12 loc/yrs respectively

<sup>3,4</sup>- 20, 22 loc/yrs respectively