

**2018 WSU Variety Testing Hard Red Spring Wheat Trial Summary**  
 Precipitation Zone >20"

| Variety Name<br><i>Durum Italicized</i> | Fairfield                 | Farmington | Palouse | Pullman | Average*  | Fairfield        | Farmington | Palouse | Pullman | Average*    | Fairfield   | Farmington | Palouse | Pullman | Average* |
|---|---------------------------|------------|---------|---------|-----------|------------------|------------|---------|---------|-------------|-------------|------------|---------|---------|----------|
|   | Yield (Bu/A)              |            |         |         |           | Test Wt (Lbs/Bu) |            |         |         |             | Protein (%) |            |         |         |          |
|   | <i>Released Varieties</i> |            |         |         |           |                  |            |         |         |             |             |            |         |         |          |
| <b>Dayn</b>                             | 57                        | 88         | 87      | 94      | <b>90</b> | 59.1             | 60.8       | 61.5    | 60.3    | 60.8        | 9.8         | 10.2       | 11.8    | 13.2    | 11.7     |
| <b>Glee</b>                             | 57                        | 86         | 91      | 86      | 88        | 60.1             | 60.9       | 61.9    | 59.5    | 60.8        | 11.1        | 10.6       | 12.5    | 13.6    | 12.2     |
| <b>SY Renegade (06PN3017-09)</b>        | 65                        | 84         | 88      | 89      | 87        | 59.3             | 60.0       | 61.1    | 59.2    | 60.1        | 10.2        | 10.5       | 12.4    | 13.3    | 12.1     |
| <b>WB7202CLP</b>                        | 53                        | 81         | 91      | 88      | 87        | 59.4             | 59.0       | 62.2    | 60.8    | 60.7        | 10.5        | 11.0       | 11.5    | 12.6    | 11.7     |
| <b>LCS Luna</b>                         | 47                        | 76         | 86      | 92      | 85        | 56.6             | 60.0       | 61.0    | 60.0    | 60.3        | 11.9        | 11.6       | 13.3    | 13.4    | 12.8     |
| <b>SY Gunsight</b>                      | 51                        | 82         | 86      | 87      | 85        | 58.4             | 60.7       | 59.4    | 58.9    | 59.7        | 10.8        | 10.5       | 12.2    | 13.0    | 11.9     |
| <b>LCS Iron</b>                         | 49                        | 80         | 88      | 85      | 84        | 57.4             | 59.2       | 60.5    | 57.9    | 59.2        | 11.0        | 11.1       | 12.2    | 13.1    | 12.1     |
| <b>SY Selway</b>                        | 47                        | 79         | 86      | 85      | 84        | 59.8             | 60.1       | 61.4    | 58.9    | 60.2        | 11.7        | 10.4       | 13.3    | 13.1    | 12.3     |
| <b>Hollis</b>                           | 53                        | 86         | 85      | 76      | 82        | 58.4             | 59.6       | 60.8    | 60.0    | 60.1        | 11.3        | 12.4       | 13.2    | 13.6    | 13.1     |
| <b>WB9717</b>                           | 49                        | 77         | 84      | 83      | 82        | 59.0             | 62.2       | 61.4    | 61.0    | <b>61.5</b> | 11.1        | 10.9       | 12.5    | 13.6    | 12.4     |
| <b>Chet</b>                             | 52                        | 81         | 80      | 83      | 81        | 59.9             | 61.3       | 62.7    | 61.6    | <b>61.9</b> | 11.3        | 11.1       | 12.8    | 13.8    | 12.6     |
| <b>Alum</b>                             | 46                        | 86         | 80      | 78      | 81        | 54.9             | 59.3       | 61.9    | 60.6    | 60.6        | 11.6        | 11.6       | 12.4    | 12.9    | 12.3     |
| <b>WB9350</b>                           | 53                        | 76         | 85      | 82      | 81        | 56.4             | 59.0       | 59.9    | 57.5    | 58.8        | 11.9        | 10.6       | 12.6    | 13.7    | 12.3     |
| <b>SY Coho</b>                          | 46                        | 75         | 83      | 80      | 79        | 56.3             | 58.0       | 59.1    | 56.6    | 57.9        | 12.0        | 11.6       | 12.6    | 13.9    | 12.7     |
| <b>LCS Buck Pronto</b>                  | 51                        | 71         | 79      | 82      | 77        | 58.6             | 60.4       | 61.0    | 59.5    | 60.3        | 11.9        | 11.6       | 13.5    | 14.4    | 13.2     |
| <b>WB9518</b>                           | 50                        | 65         | 81      | 83      | 76        | 58.4             | 59.9       | 59.8    | 59.3    | 59.7        | 12.4        | 11.3       | 14.8    | 14.7    | 13.6     |
| <b>WB9668</b>                           | 54                        | 75         | 71      | 77      | 74        | 59.8             | 60.2       | 61.0    | 61.1    | 60.8        | 12.2        | 13.1       | 14.0    | 15.2    | 14.1     |
| <b>Kelse</b>                            | 53                        | 72         | 75      | 75      | 74        | 59.7             | 59.3       | 60.8    | 59.3    | 59.8        | 11.5        | 12.4       | 13.4    | 14.2    | 13.3     |
| <i>Soft Svevo</i>                       | 51                        | 71         | 71      | 78      | 73        | 56.4             | 59.7       | 60.2    | 60.0    | 60.0        | 3.1         | 11.1       | 12.8    | 14.4    | 12.7     |
| <b>SY605 CL</b>                         | 45                        | 74         | 69      | 73      | 72        | 56.0             | 61.0       | 62.6    | 61.8    | <b>61.8</b> | 11.7        | 12.2       | 13.5    | 14.1    | 13.2     |
| <b>WB9879CLP</b>                        | 50                        | 69         | 68      | 76      | 71        | 58.1             | 60.1       | 59.6    | 59.4    | 59.7        | 12.0        | 11.8       | 13.6    | 14.0    | 13.1     |
| <b>WB9662</b>                           | 41                        | 59         | 73      | 71      | 68        | 56.0             | 57.4       | 59.7    | 59.4    | 58.8        | 12.6        | 13.2       | 14.4    | 15.1    | 14.2     |
| <i>Experimental Lines</i>               |                           |            |         |         |           |                  |            |         |         |             |             |            |         |         |          |
| <b>12SB0197</b>                         | 63                        | 86         | 101     | 99      | <b>95</b> | 58.0             | 58.3       | 59.0    | 57.1    | 58.1        | 10.4        | 9.9        | 11.5    | 12.2    | 11.2     |
| <b>WA 8282</b>                          | 59                        | 86         | 99      | 89      | <b>92</b> | 60.0             | 61.5       | 62.2    | 60.8    | <b>61.5</b> | 10.7        | 10.6       | 12.3    | 12.5    | 11.8     |
| <b>WA 8299 CL+</b>                      | 55                        | 82         | 91      | 93      | 89        | 59.5             | 62.2       | 62.1    | 61.2    | <b>61.9</b> | 10.5        | 11.0       | 13.4    | 13.4    | 12.6     |
| <b>12SB0224</b>                         | 51                        | 83         | 88      | 93      | 88        | 57.7             | 58.8       | 60.2    | 57.2    | 58.7        | 11.5        | 10.4       | 11.9    | 12.7    | 11.7     |
| <b>16-HRS-5172</b>                      | 52                        | 86         | 102     | 74      | 87        | 54.1             | 57.6       | 56.7    | 54.6    | 56.3        | 10.9        | 10.2       | 11.3    | 13.2    | 11.6     |
| <b>WA 8302 CL+</b>                      | 57                        | 84         | 88      | 90      | 87        | 60.1             | 61.4       | 62.9    | 61.8    | <b>62.0</b> | 10.8        | 11.8       | 12.7    | 13.0    | 12.5     |
| <b>WA 8300 CL+</b>                      | 54                        | 82         | 87      | 91      | 87        | 59.3             | 60.9       | 62.3    | 60.2    | 61.1        | 10.6        | 11.0       | 12.6    | 13.7    | 12.4     |
| <b>XB9591</b>                           | 56                        | 78         | 87      | 87      | 84        | 60.0             | 61.1       | 61.0    | 60.0    | 60.7        | 11.0        | 10.4       | 11.8    | 12.6    | 11.6     |
| <b>WA 8280 CL+</b>                      | 57                        | 78         | 88      | 85      | 84        | 58.7             | 60.9       | 62.2    | 61.8    | <b>61.6</b> | 11.3        | 11.3       | 12.7    | 13.3    | 12.4     |
| <b>WA 8301</b>                          | 45                        | 76         | 90      | 80      | 82        | 57.9             | 61.0       | 61.9    | 60.3    | 61.0        | 11.6        | 11.3       | 12.7    | 13.1    | 12.4     |
| <b>XB9290</b>                           | 48                        | 75         | 71      | 88      | 78        | 58.5             | 61.3       | 62.1    | 61.1    | <b>61.5</b> | 11.0        | 10.7       | 12.8    | 13.6    | 12.4     |
| <b>10PN3039-02</b>                      | 58                        | 78         | 72      | 82      | 77        | 58.8             | 60.5       | 60.4    | 60.6    | 60.5        | 10.9        | 10.8       | 12.6    | 13.0    | 12.1     |
| <b>IDO1603S</b>                         | 50                        | 74         | 76      | 76      | 76        | 59.2             | 61.2       | 61.6    | 59.7    | 60.8        | 11.7        | 11.5       | 14.2    | 14.3    | 13.3     |
| <b>IDO1701S</b>                         | 47                        | 74         | 74      | 75      | 75        | 59.0             | 62.1       | 62.1    | 61.5    | <b>61.9</b> | 11.9        | 11.4       | 14.1    | 14.1    | 13.2     |
| <b>C.V. %</b>                           | 13                        | 6          | 10      | 6       | 8         | 2.4              | 0.9        | 1.4     | 0.7     | 1.0         | 11.9        | 6.3        | 3.5     | 3.3     | 4.4      |
| <b>LSD (0.05)</b>                       | 9                         | 7          | 11      | 7       | 5         | 1.9              | 0.8        | 1.1     | 0.6     | 0.5         | 1.8         | 1.0        | 0.6     | 0.6     | 0.4      |
| <b>Average</b>                          | 52                        | 78         | 83      | 84      | 82        | 58.3             | 60.2       | 61.0    | 59.7    | 60.3        | 11.1        | 11.2       | 12.8    | 13.5    | 12.5     |
| <b>Highest</b>                          | 65                        | 88         | 102     | 99      | 95        | 60.1             | 62.2       | 62.9    | 61.8    | 62.0        | 12.6        | 13.2       | 14.8    | 15.2    | 14.2     |
| <b>Lowest</b>                           | 41                        | 59         | 68      | 71      | 68        | 54.1             | 57.4       | 56.7    | 54.6    | 56.3        | 3.1         | 9.9        | 11.3    | 12.2    | 11.2     |

\* - Fairfield data is excluded from Average calculations due to high variation within trial and low yield