

2018 WSU Variety Testing Hard Red Spring Wheat Trial Summary

Precipitation Zone = 16-20"

| Variety Name<br><i>Club Italicized</i> | Dayton       | Mayview | Plaza | St. John | Walla Walla | Average   | Dayton           | Mayview | Plaza | St. John | Walla Walla | Average     | Dayton      | Mayview | Plaza | St. John | Walla Walla | Average |  |
|--|--------------|---------|-------|----------|-------------|-----------|------------------|---------|-------|----------|-------------|-------------|-------------|---------|-------|----------|-------------|---------|--|
|  | Yield (Bu/A) |         |       |          |             |           | Test Wt (Lbs/Bu) |         |       |          |             |             | Protein (%) |         |       |          |             |         |  |
| <b>Released Varieties</b>              |              |         |       |          |             |           |                  |         |       |          |             |             |             |         |       |          |             |         |  |
| <b>WB7202CLP</b>                       | 51           | 70      | 73    | 84       | 84          | 72        | 59.2             | 62.2    | 62.3  | 61.9     | 63.4        | 61.8        | 9.8         | 11.6    | 11.1  | 10.5     | 11.7        | 10.9    |  |
| <b>Alum</b>                            | 57           | 63      | 73    | 85       | 79          | 72        | 57.6             | 61.5    | 62.9  | 60.7     | 62.4        | 61.0        | 11.2        | 12.8    | 12.3  | 11.9     | 13.2        | 12.3    |  |
| <b>Dayn</b>                            | 48           | 67      | 78    | 84       | 76          | 71        | 59.9             | 62.2    | 63.0  | 60.9     | 62.3        | 61.7        | 9.4         | 12.6    | 10.6  | 11.2     | 12.6        | 11.3    |  |
| <b>SY Renegade (06PN3017-09)</b>       | 51           | 66      | 72    | 81       | 79          | 70        | 59.2             | 61.4    | 61.5  | 60.6     | 62.7        | 61.1        | 10.4        | 13.5    | 11.7  | 11.4     | 13.2        | 12.0    |  |
| <b>Glee</b>                            | 56           | 65      | 73    | 74       | 80          | 70        | 59.1             | 62.2    | 63.1  | 61.4     | 63.4        | 61.8        | 11.1        | 11.9    | 11.7  | 10.8     | 12.7        | 11.6    |  |
| <b>SY Selway</b>                       | 51           | 59      | 68    | 88       | 80          | 69        | 57.1             | 60.8    | 61.7  | 60.7     | 61.9        | 60.4        | 10.1        | 13.5    | 11.9  | 11.8     | 12.4        | 11.9    |  |
| <b>LCS Luna</b>                        | 51           | 68      | 69    | 81       | 71          | 68        | 56.4             | 61.9    | 62.0  | 61.1     | 62.0        | 60.7        | 10.3        | 12.8    | 12.2  | 11.3     | 13.0        | 11.9    |  |
| <b>SY Gunsight</b>                     | 53           | 63      | 73    | 80       | 68          | 67        | 56.7             | 61.5    | 62.4  | 61.4     | 61.5        | 60.7        | 10.2        | 11.9    | 11.4  | 11.1     | 12.9        | 11.5    |  |
| <b>LCS Iron</b>                        | 54           | 64      | 70    | 81       | 66          | 67        | 57.2             | 61.7    | 61.3  | 60.5     | 61.3        | 60.4        | 10.4        | 11.0    | 12.1  | 10.6     | 12.5        | 11.3    |  |
| <b>Kelse</b>                           | 51           | 66      | 64    | 71       | 80          | 66        | 57.1             | 61.6    | 62.3  | 61.0     | 63.0        | 61.0        | 11.4        | 13.6    | 12.6  | 12.7     | 13.4        | 12.7    |  |
| <b>Chet</b>                            | 50           | 61      | 65    | 75       | 76          | 65        | 57.3             | 62.4    | 63.5  | 60.9     | 63.1        | 61.4        | 11.1        | 12.5    | 12.7  | 11.6     | 13.2        | 12.2    |  |
| <b>LCS Buck Pronto</b>                 | 49           | 57      | 63    | 73       | 74          | 63        | 56.7             | 60.7    | 61.8  | 60.7     | 62.2        | 60.4        | 12.0        | 14.1    | 13.5  | 12.2     | 13.7        | 13.1    |  |
| <b>Hollis</b>                          | 47           | 54      | 64    | 77       | 71          | 62        | 53.0             | 59.0    | 61.6  | 60.2     | 62.4        | 59.2        | 11.6        | 15.0    | 12.5  | 13.1     | 13.5        | 13.2    |  |
| <b>SY Coho</b>                         | 46           | 61      | 69    | 77       | 58          | 62        | 54.6             | 58.2    | 60.6  | 59.5     | 58.7        | 58.4        | 10.9        | 13.5    | 11.6  | 11.3     | 13.5        | 12.2    |  |
| <b>WB9350</b>                          | 49           | 60      | 64    | 78       | 59          | 62        | 55.2             | 60.2    | 61.0  | 60.5     | 60.2        | 59.4        | 11.1        | 12.9    | 12.0  | 11.1     | 12.7        | 11.9    |  |
| <b>WB9717</b>                          | 47           | 57      | 61    | 76       | 67          | 62        | 58.5             | 62.7    | 63.8  | 61.8     | 63.9        | <b>62.1</b> | 10.1        | 12.2    | 12.0  | 12.2     | 12.4        | 11.8    |  |
| <b>WB9518</b>                          | 46           | 61      | 59    | 81       | 58          | 61        | 57.8             | 60.2    | 61.7  | 59.6     | 61.1        | 60.1        | 12.2        | 14.7    | 13.3  | 14.0     | 14.9        | 13.8    |  |
| <b>SY605 CL</b>                        | 44           | 58      | 61    | 67       | 71          | 60        | 59.6             | 62.2    | 63.2  | 61.4     | 63.6        | <b>62.0</b> | 11.0        | 14.3    | 13.6  | 11.5     | 13.4        | 12.8    |  |
| <b>WB9879CLP</b>                       | 52           | 59      | 55    | 70       | 61          | 60        | 59.1             | 61.9    | 62.3  | 60.3     | 60.9        | 60.9        | 11.6        | 13.9    | 13.2  | 12.3     | 14.2        | 13.0    |  |
| <b>WB9668</b>                          | 43           | 56      | 60    | 67       | 69          | 59        | 56.9             | 62.3    | 62.8  | 60.7     | 63.0        | 61.1        | 12.6        | 14.1    | 13.5  | 12.6     | 14.2        | 13.4    |  |
| <b>WB9662</b>                          | 41           | 59      | 57    | 66       | 64          | 57        | 55.6             | 60.2    | 62.3  | 59.6     | 61.7        | 59.9        | 12.8        | 14.7    | 13.1  | 13.3     | 14.3        | 13.6    |  |
| <b>Soft Svevo</b>                      | 41           | 52      | 53    | 65       | 59          | 54        | 56.7             | 60.2    | 61.7  | 60.3     | 61.1        | 60.0        | 11.2        | 13.3    | 12.8  | 11.1     | 12.8        | 12.3    |  |
| <b>Experimental Lines</b>              |              |         |       |          |             |           |                  |         |       |          |             |             |             |         |       |          |             |         |  |
| <b>12SB0197</b>                        | 58           | 71      | 78    | 90       | 85          | <b>76</b> | 57.3             | 58.8    | 60.5  | 58.3     | 60.4        | 59.1        | 9.3         | 11.7    | 10.6  | 10.2     | 11.9        | 10.8    |  |
| <b>WA 8301</b>                         | 57           | 68      | 74    | 86       | 85          | <b>74</b> | 59.9             | 61.9    | 62.9  | 62.2     | 63.2        | <b>62.0</b> | 10.4        | 13.0    | 11.7  | 11.5     | 12.8        | 11.9    |  |
| <b>WA 8282</b>                         | 55           | 65      | 77    | 86       | 85          | <b>74</b> | 58.8             | 63.1    | 63.1  | 61.7     | 63.4        | <b>62.0</b> | 9.5         | 11.4    | 11.4  | 10.9     | 12.4        | 11.1    |  |
| <b>WA 8300 CL+</b>                     | 49           | 69      | 74    | 84       | 80          | 71        | 57.1             | 61.0    | 63.0  | 61.2     | 62.8        | 61.0        | 10.7        | 13.6    | 11.9  | 11.5     | 12.3        | 12.0    |  |
| <b>WA 8280 CL+</b>                     | 53           | 66      | 74    | 78       | 83          | 71        | 56.8             | 62.4    | 63.6  | 61.8     | 63.1        | 61.5        | 9.7         | 12.9    | 12.4  | 11.6     | 13.1        | 11.9    |  |
| <b>WA 8302 CL+</b>                     | 54           | 62      | 69    | 80       | 81          | 69        | 57.8             | 63.1    | 63.6  | 62.0     | 64.1        | <b>62.1</b> | 10.7        | 12.8    | 11.7  | 11.4     | 12.7        | 11.9    |  |
| <b>WA 8299 CL+</b>                     | 48           | 65      | 71    | 78       | 81          | 69        | 60.1             | 62.7    | 63.8  | 62.0     | 64.3        | <b>62.6</b> | 11.5        | 13.9    | 11.9  | 11.8     | 13.5        | 12.5    |  |
| <b>12SB0224</b>                        | 49           | 71      | 72    | 82       | 68          | 68        | 57.1             | 59.8    | 60.9  | 59.1     | 60.2        | 59.4        | 9.3         | 11.9    | 10.9  | 10.8     | 12.3        | 11.0    |  |
| <b>XB9591</b>                          | 51           | 67      | 67    | 83       | 70          | 68        | 59.3             | 62.7    | 63.3  | 62.1     | 63.0        | <b>62.1</b> | 10.4        | 12.4    | 11.5  | 10.3     | 12.1        | 11.4    |  |
| <b>16-HRS-5172</b>                     | 47           | 60      | 72    | 82       | 76          | 67        | 49.2             | 57.3    | 58.3  | 56.4     | 58.3        | 55.9        | 10.1        | 11.2    | 11.3  | 10.2     | 12.9        | 11.1    |  |
| <b>XB9290</b>                          | 50           | 67      | 63    | 76       | 62          | 63        | 59.5             | 63.0    | 63.4  | 62.4     | 62.8        | <b>62.2</b> | 10.9        | 12.8    | 12.1  | 11.0     | 13.3        | 12.0    |  |
| <b>10PN3039-02</b>                     | 47           | 61      | 61    | 67       | 71          | 62        | 58.1             | 61.6    | 62.4  | 61.3     | 62.8        | 61.2        | 10.9        | 12.9    | 12.8  | 10.7     | 12.7        | 12.0    |  |
| <b>IDO1603S</b>                        | 46           | 54      | 60    | 70       | 70          | 60        | 56.8             | 61.8    | 62.3  | 61.5     | 62.7        | 61.0        | 11.3        | 14.0    | 12.7  | 13.3     | 13.4        | 13.0    |  |
| <b>IDO1701S</b>                        | 43           | 49      | 60    | 66       | 73          | 58        | 57.3             | 62.6    | 63.7  | 62.9     | 63.4        | <b>62.0</b> | 10.8        | 13.0    | 12.9  | 11.8     | 13.7        | 12.4    |  |
| <b>C.V. %</b>                          | 8            | 5       | 7     | 8        | 4           | 7         | 3.4              | 1.0     | 0.7   | 1.0      | 0.5         | 1.6         | 5.9         | 6.2     | 4.1   | 8.0      | 4.5         | 5.9     |  |
| <b>LSD (0.05)</b>                      | 5            | 4       | 7     | 8        | 4           | 3         | 2.7              | 0.9     | 0.6   | 0.9      | 0.4         | 0.6         | 0.9         | 1.1     | 0.7   | 1.3      | 0.8         | 0.4     |  |
| <b>Average</b>                         | 50           | 62      | 67    | 77       | 73          | 66        | 57.4             | 61.4    | 62.3  | 60.8     | 62.2        | 60.8        | 10.8        | 13.0    | 12.2  | 11.6     | 13.0        | 12.1    |  |
| <b>Highest</b>                         | 58           | 71      | 78    | 90       | 85          | 76        | 60.1             | 63.1    | 63.8  | 62.9     | 64.3        | 62.6        | 12.8        | 15.0    | 13.6  | 14.0     | 14.9        | 13.8    |  |
| <b>Lowest</b>                          | 41           | 49      | 53    | 65       | 58          | 54        | 49.2             | 57.3    | 58.3  | 56.4     | 58.3        | 55.9        | 9.3         | 11.0    | 10.6  | 10.2     | 11.7        | 10.8    |  |