

2016 WSU Variety Testing Hard Spring Wheat Zone Summary

Precipitation Zone = >20"

| Variety Name <i>Hard White 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 (%) | | | | |
| RELEASED VARIETIES | | | | | | | | | | | | | | | |
| <i>Dayn</i> | 42 | 87 | 106 | 106 | 85 | 60.2 | 61.3 | 61.8 | 61.9 | 61.3 | 12.4 | 9.5 | 12.9 | 12.0 | 11.7 |
| LCS Iron (11SB0096) | 43 | 85 | 100 | 99 | 82 | 59.5 | 60.0 | 61.6 | 61.3 | 60.6 | 11.9 | 10.1 | 13.0 | 11.5 | 11.6 |
| Glee | 42 | 87 | 105 | 83 | 79 | 61.4 | 60.8 | 60.7 | 61.8 | 61.2 | 12.2 | 9.9 | 13.1 | 11.7 | 11.7 |
| SY Coho (04W40292R) | 39 | 88 | 105 | 85 | 79 | 58.2 | 59.6 | 59.9 | 57.1 | 58.7 | 11.5 | 10.3 | 13.9 | 12.8 | 12.1 |
| Alum | 48 | 81 | 96 | 90 | 79 | 61.2 | 62.0 | 61.7 | 61.9 | 61.7 | 12.0 | 10.0 | 13.5 | 12.3 | 11.9 |
| <i>UI-Platinum</i> | 41 | 92 | 97 | 83 | 78 | 60.8 | 61.6 | 62.2 | 61.9 | 61.6 | 11.7 | 9.2 | 12.0 | 10.5 | 10.8 |
| WB9518 | 39 | 75 | 106 | 91 | 78 | 59.6 | 60.7 | 61.3 | 62.5 | 61.0 | 13.1 | 11.4 | 14.5 | 12.4 | 12.9 |
| SY Selway (04PN3001-2) | 41 | 86 | 88 | 93 | 77 | 61.5 | 60.8 | 63.6 | 60.2 | 61.6 | 12.8 | 10.9 | 14.4 | 11.9 | 12.5 |
| Chet | 44 | 83 | 94 | 84 | 76 | 61.5 | 62.6 | 63.6 | 63.0 | 62.7 | 12.3 | 9.9 | 14.6 | 13.0 | 12.5 |
| WB9229 | 36 | 70 | 96 | 100 | 76 | 59.9 | 61.1 | 61.5 | 61.4 | 61.0 | 12.8 | 10.9 | 14.2 | 12.9 | 12.7 |
| WB9200 | 28 | 76 | 101 | 92 | 74 | 60.7 | 62.4 | 62.7 | 63.3 | 62.3 | 14.3 | 11.5 | 14.0 | 13.2 | 13.3 |
| WB9668 | 36 | 71 | 98 | 89 | 73 | 60.5 | 61.6 | 62.3 | 63.5 | 62.0 | 15.2 | 12.2 | 15.2 | 13.4 | 14.0 |
| SY Steelhead | 44 | 74 | 96 | 76 | 72 | 61.4 | 62.1 | 63.5 | 63.4 | 62.6 | 13.3 | 10.5 | 14.5 | 12.2 | 12.6 |
| LCS Buck Pronto | 34 | 73 | 96 | 80 | 71 | 60.1 | 60.9 | 61.2 | 60.1 | 60.6 | 13.5 | 11.3 | 14.3 | 13.2 | 13.1 |
| Hollis | 42 | 73 | 88 | 69 | 68 | 60.9 | 61.0 | 61.5 | 59.5 | 60.8 | 12.4 | 10.1 | 14.4 | 13.2 | 12.5 |
| Bullseye | 34 | 85 | 87 | 65 | 68 | 61.4 | 62.1 | 61.1 | 58.1 | 60.7 | 12.7 | 9.3 | 13.3 | 12.2 | 11.9 |
| Kelse | 42 | 75 | 87 | 63 | 67 | 60.4 | 61.1 | 60.7 | 57.4 | 59.9 | 12.5 | 10.5 | 14.6 | 14.0 | 12.9 |
| WB9879CLP | 32 | 73 | 82 | 57 | 61 | 59.3 | 60.6 | 60.9 | 57.9 | 59.7 | 12.8 | 10.3 | 13.8 | 13.0 | 12.5 |
| SY605 CL | 31 | 71 | 80 | 62 | 61 | 61.5 | 62.4 | 62.4 | 60.4 | 61.7 | 14.1 | 10.5 | 14.8 | 12.5 | 13.0 |
| EXPERIMENTAL LINES | | | | | | | | | | | | | | | |
| 12SB0197 | 42 | 97 | 107 | 104 | 87 | 58.8 | 59.2 | 59.6 | 60.0 | 59.4 | 12.1 | 10.0 | 12.8 | 11.5 | 11.6 |
| 12SB0199 | 43 | 92 | 106 | 100 | 85 | 58.6 | 59.0 | 59.4 | 59.7 | 59.2 | 11.5 | 9.5 | 12.9 | 11.7 | 11.4 |
| 12SB0224 | 45 | 82 | 104 | 97 | 82 | 58.3 | 59.6 | 59.4 | 59.0 | 59.1 | 12.2 | 9.6 | 13.0 | 12.3 | 11.8 |
| 10SB0087-B | 40 | 78 | 99 | 95 | 78 | 59.7 | 61.1 | 61.3 | 60.6 | 60.7 | 12.4 | 10.1 | 13.0 | 12.6 | 12.0 |
| SY 06PN3015-08 | 41 | 81 | 95 | 94 | 78 | 59.6 | 60.9 | 60.9 | 61.0 | 60.6 | 12.1 | 9.6 | 13.5 | 12.0 | 11.8 |
| <i>WA 8240 CL+</i> | 30 | 84 | 99 | 93 | 77 | 59.8 | 60.7 | 62.2 | 60.9 | 60.9 | 13.6 | 10.0 | 13.2 | 11.5 | 12.1 |
| WA 8258 | 36 | 75 | 101 | 89 | 75 | 60.2 | 60.9 | 60.8 | 60.3 | 60.6 | 12.8 | 10.8 | 14.1 | 12.7 | 12.6 |
| WA 8261 | 39 | 78 | 98 | 77 | 73 | 61.2 | 61.0 | 61.8 | 61.4 | 61.4 | 12.2 | 10.3 | 13.1 | 12.4 | 12.0 |
| SY 04PN3051-9 | 41 | 78 | 99 | 74 | 73 | 61.0 | 61.7 | 63.5 | 63.3 | 62.4 | 13.3 | 10.7 | 14.4 | 12.1 | 12.6 |
| WA 8259 | 41 | 82 | 92 | 75 | 73 | 61.4 | 62.3 | 63.0 | 61.8 | 62.1 | 13.0 | 10.9 | 14.0 | 12.6 | 12.6 |
| WA 8241 CL+ | 42 | 75 | 97 | 76 | 72 | 61.1 | 61.8 | 62.3 | 63.1 | 62.0 | 11.8 | 10.5 | 12.6 | 11.5 | 11.6 |
| <i>IDO1203S-A</i> | 37 | 82 | 95 | 68 | 71 | 60.7 | 61.0 | 61.0 | 59.9 | 60.7 | 12.0 | 9.6 | 12.7 | 11.6 | 11.5 |
| YS-802-1 | 38 | 82 | 94 | 67 | 70 | 60.8 | 61.8 | 62.1 | 61.2 | 61.5 | 13.1 | 10.4 | 13.8 | 11.8 | 12.3 |
| WA 8260 | 31 | 72 | 100 | 76 | 70 | 61.0 | 61.6 | 62.5 | 61.8 | 61.7 | 14.7 | 11.0 | 14.0 | 14.0 | 13.4 |
| HRS 3616 | 32 | 70 | 92 | 70 | 66 | 59.4 | 60.4 | 61.6 | 58.2 | 59.9 | 13.6 | 10.8 | 14.1 | 13.0 | 12.9 |
| HRS 3504 | 40 | 81 | 72 | 50 | 61 | 59.0 | 59.7 | 56.9 | 53.3 | 57.2 | 11.9 | 9.9 | 13.7 | 12.3 | 12.0 |
| HRS 3530 | 27 | 67 | 76 | 45 | 54 | 58.9 | 61.0 | 60.4 | 56.1 | 59.1 | 12.5 | 9.7 | 13.3 | 12.3 | 11.9 |
| C.V. % | 11 | 7 | 4 | 4 | 6 | 1 | 0 | 1 | 1 | 1 | 6 | 6 | 2 | 5 | 5 |
| LSD (0.05) | 6 | 8 | 5 | 4 | 3 | 0.5 | 0.3 | 0.6 | 1.0 | 0.3 | 1.0 | 0.9 | 0.3 | 0.8 | 0.4 |
| Average | 38 | 79 | 95 | 81 | 74 | 60.3 | 61.1 | 61.5 | 60.5 | 60.8 | 12.7 | 10.3 | 13.7 | 12.4 | 12.3 |
| Highest | 48 | 97 | 107 | 106 | 87 | 61.5 | 62.6 | 63.6 | 63.5 | 62.7 | 15.2 | 12.2 | 15.2 | 14.0 | 14.0 |
| Lowest | 27 | 67 | 72 | 45 | 54 | 58.2 | 59.0 | 56.9 | 53.3 | 57.2 | 11.5 | 9.2 | 12.0 | 10.5 | 10.8 |

* Fairfield location impacted by Hessian fly infestation

** Pullman location was not sprayed with fungicide and stripe rust pressure was high.