

Table 67. 2018-2021 Off-Station Winter Wheat Test (Exp. 38): Combined Locations - Yield, Test Weight and Protein

| Cultivar/Line | Grain Yield (bu/a) | | | | Test Weight (lb/bu) | | | | Protein (%) | | | |
|--------------------------|--------------------|-------------|-------------|-------------|---------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | 2021 | 2020-21 | 2019-21 | 2018-21 | 2021 | 2020-21 | 2019-21 | 2018-21 | 2021 | 2020-21 | 2019-21 | 2018-21 |
| location-years | 10 | 18 | 31 | 45 | 10 | 17 | 30 | 44 | 10 | 17 | 30 | 44 |
| AAC Wildfire | 41.8 | 54.8 | 60.3 | | 57.3 | 58.7 | 59.7 | | 14.5 | 13.9 | 13.1 | |
| Bobcat | 44.3 | 56.0 | 61.6 | 65.0 | 58.3 | 59.4 | 60.2 | 60.6 | 14.3 | 13.8 | 13.0 | 13.1 |
| Brawl CL Plus | 49.2 | 57.9 | 58.4 | 60.3 | 59.4 | 60.6 | 61.2 | 61.7 | 14.3 | 13.9 | 13.5 | 13.7 |
| Byrd CL Plus | 48.6 | 60.5 | 64.8 | | 57.4 | 58.8 | 59.8 | | 13.8 | 13.2 | 12.3 | |
| Flathead | 47.2 | 58.1 | 59.1 | 61.6 | 59.1 | 59.9 | 60.6 | 60.8 | 14.2 | 13.8 | 13.1 | 13.2 |
| FourOsix | 49.1 | 60.8 | 63.1 | 64.4 | 58.0 | 59.2 | 60.0 | 60.2 | 14.0 | 13.6 | 12.9 | 13.0 |
| Judee | 41.6 | 53.6 | 57.8 | 61.3 | 58.5 | 59.7 | 60.8 | 61.0 | 14.9 | 14.3 | 13.5 | 13.5 |
| Keldin | 50.4 | 63.3 | 65.9 | 69.1 | 58.0 | 59.2 | 60.2 | 60.5 | 14.1 | 13.6 | 12.8 | 13.0 |
| LCS Jet | 48.0 | 60.5 | 62.3 | 66.6 | 56.2 | 57.5 | 57.9 | 58.0 | 14.0 | 13.4 | 12.6 | 12.7 |
| Loma | 48.5 | 58.4 | 63.0 | 66.1 | 58.0 | 59.2 | 60.1 | 60.1 | 14.6 | 14.0 | 13.2 | 13.2 |
| MT1745 | 46.7 | 58.8 | | | 58.3 | 59.4 | | | 13.7 | 13.3 | | |
| + MT1872 | 42.3 | | | | 57.6 | | | | 13.9 | | | |
| MTCL1737 | 41.9 | 55.5 | | | 59.0 | 59.4 | | | 14.7 | 13.9 | | |
| + MTCS20156 | 44.3 | | | | 59.0 | | | | 14.6 | | | |
| + MTS18116 | 43.4 | | | | 58.7 | | | | 14.0 | | | |
| MTS18149 | 45.8 | 57.0 | | | 58.2 | 59.2 | | | 14.7 | 14.0 | | |
| + MTS1831 | 43.8 | | | | 58.9 | | | | 13.8 | | | |
| + MTS1855 | 43.7 | | | | 58.9 | | | | 14.7 | | | |
| Northern | 46.0 | 59.9 | 64.5 | 67.5 | 58.1 | 59.3 | 60.3 | 60.4 | 14.6 | 14.0 | 13.1 | 13.2 |
| Ray | 45.0 | 51.3 | 56.3 | 60.4 | 57.3 | 58.1 | 58.9 | 58.8 | 13.9 | 13.6 | 12.8 | 12.9 |
| StandClear CLP | 45.3 | 58.5 | 60.6 | 64.0 | 59.0 | 60.2 | 60.9 | 61.2 | 14.0 | 13.5 | 12.9 | 13.0 |
| SY Clearstone 2CL | 44.3 | 55.3 | 60.2 | 63.7 | 58.2 | 59.0 | 59.6 | 59.6 | 14.4 | 13.9 | 12.9 | 13.0 |
| SY Monument | 46.9 | 58.6 | 61.6 | 64.8 | 56.9 | 58.4 | 59.2 | 59.7 | 13.6 | 13.1 | 12.4 | 12.4 |
| Warhorse | 44.4 | 56.1 | 59.0 | 62.3 | 57.8 | 59.3 | 60.1 | 60.2 | 14.6 | 14.1 | 13.5 | 13.6 |
| Yellowstone | 46.5 | 56.7 | 61.5 | 64.2 | 57.9 | 58.8 | 59.6 | 59.7 | 14.1 | 13.7 | 12.9 | 12.9 |
| Average | 45.6 | 57.6 | 61.2 | 64.4 | 58.2 | 59.2 | 59.9 | 60.2 | 14.2 | 13.7 | 13.0 | 13.1 |
| LSD (0.05) | 4.2 | 4.9 | 3.6 | 3.0 | 0.7 | 0.6 | 0.4 | 0.3 | 0.4 | 0.3 | 0.2 | 0.2 |
| C.V. (%) | 11.0 | 13.1 | 11.7 | 11.4 | 1.1 | 1.5 | 1.3 | 1.4 | 3.4 | 3.7 | 3.8 | 3.6 |

+ = new for 2021

bold = indicates highest value within a column

bold = indicates varieties with values equal to highest variety within a column based on Fisher's protected LSD (p=0.05)