

TABLE: 2017 Spring wheat variety trial, Moccasin, Montana.

| | Variety/Pedigree | Year of Release | Source | Heading Date | | Yield (bu/ac) | | Test Weight (lb/bu) | Protein % | Gross Return (\$/ac) |
|---|------------------|-----------------|------------------|----------------------|-------------------|---------------|--------------------|---------------------|--------------------|----------------------|
| | | | | cal | jul | 2017 | 2016 | | | |
| | Alum | 2014 | WSU | 25-Jun | 176 | 29.6 | <u>37.5</u> | 54.3 | <u>18.5</u> | 188.10 |
| + | Camaro | -- | Meridian Seeds | 23-Jun | 175 | 33.4 | -- | 58.2 | 16.8 | 211.40 |
| + | Cheville | -- | Meridian Seeds | 23-Jun | 174 | 33.8 | -- | 55.8 | 16.3 | 222.90 |
| | Brennan | 2009 | Syngenta/AgriPro | 23-Jun | 175 | 35.2 | 31.1 | <u>58.9</u> | 16.4 | 227.40 |
| | Choteau | 2003 | MAES | 24-Jun | 176 | 28.3 | 35.9 | 55.1 | 17.3 | 177.90 |
| | Corbin | 2006 | Westbred, LLC | <u>22-Jun</u> | <u>173</u> | 31.1 | 30.3 | 55.9 | 17.3 | 200.60 |
| | Duclair | 2011 | MAES | 23-Jun | 174 | 32.1 | 35.4 | 53.2 | 17.4 | 206.10 |
| | Egan | 2013 | Westbred, LLC | 25-Jun | 176 | 32.5 | 37.4 | 54.3 | <u>18.5</u> | 206.70 |
| | Fortuna | 1966 | MAES/NDSU | 25-Jun | 176 | 30.5 | 35.1 | 55.8 | 16.7 | 191.50 |
| + | Lanning | -- | -- | 23-Jun | 174 | 33.8 | -- | 53.8 | 16.9 | 215.90 |
| + | LCS Pro | -- | -- | 25-Jun | 176 | 30.1 | -- | 53.0 | 17.3 | 193.30 |
| + | NS Presser CL+ | -- | -- | 25-Jun | 176 | 32.1 | -- | 52.7 | 17.3 | 207.60 |
| | Oneal | 2008 | Westbred, LLC | 25-Jun | 177 | 32.1 | 33.1 | 56.4 | 17.4 | 200.30 |
| + | Reeder | 1999 | NDSU | 25-Jun | 176 | 33.0 | 36.3 | 56.1 | 16.9 | 205.90 |
| + | Sy Ingmar | -- | Syngenta/AgriPro | 25-Jun | 176 | 33.7 | -- | 55.6 | 17.3 | 211.80 |
| | Sy Soren | 2011 | Syngenta/AgriPro | 24-Jun | 176 | 31.2 | 32.4 | 55.3 | 18.1 | 196.40 |
| | Vida | 2005 | MAES | 26-Jun | 177 | 31.1 | 33.5 | 54.2 | 16.9 | 204.10 |
| | WB Gunnison | -- | Westbred, LLC | 23-Jun | 175 | 32.7 | 33.2 | 55.7 | 16.3 | 215.50 |
| | Average | | | 24-Jun | 175 | 32.0 | 33.9 | 55.5 | 17.1 | 204.8 |
| | C.V. (%) | | | 0.003 | 0.665 | 8.4 | 14.5 | 1.3 | 2.5 | 9.4 |
| | LSD (0.05) | | | 1.9 | 1.9 | N.S. | 8.1 | 1.2 | 0.7 | N.S. |
| | P-value | | | 0.001 | 0.001 | 0.3672 | -- | <0.0001 | <0.0001 | 0.3012 |

+ = new for 2017

Bolded and underlined values are the highest mean. Bolded values are not different from the highest value based on the Least Significant Difference (LSD) test.

Note: Study averages include experimental lines not listed here.

Note: Yellowstone plots, for 2017, were planted with varying amounts of 'Warhorse' seed depending on location.

N.S. = Not Significant