

Hard Red Winter Wheat Variety Trial at Minot

| Variety | Spring Stand | Heading Date | Plant Height | Lodging | Test Weight | Grain Protein | Grain Yield | | | | |
|--------------|--------------|--------------|--------------|---------|-------------|---------------|-------------|------|------|--------|--------|
| | | | | | | | --Average-- | | | | |
| | % | June | inches | 0-9* | lbs/bu | % | 2013 | 2014 | 2016 | 2 year | 3 year |
| AC Broadview | 97 | 5 | 32 | 1 | 59.9 | 12.4 | 115.0 | 72.5 | 85.6 | 79.1 | 91.0 |
| WB Matlock | 98 | 6 | 33 | 1 | 60.4 | 13.0 | 111.8 | 73.9 | 85.7 | 79.8 | 90.5 |
| Ideal | 97 | 5 | 30 | 0 | 60.4 | 12.3 | 115.4 | 68.4 | 84.0 | 76.2 | 89.3 |
| Peregrine | 93 | 7 | 34 | 2 | 60.7 | 11.2 | 113.9 | 69.7 | 83.5 | 76.6 | 89.0 |
| Accipiter | 91 | 8 | 30 | 1 | 61.1 | 11.7 | 115.9 | 68.9 | 79.2 | 74.0 | 88.0 |
| Decade | 82 | 4 | 30 | 0 | 60.7 | 14.4 | 112.0 | 69.8 | 82.0 | 75.9 | 87.9 |
| Moats | 83 | 7 | 33 | 1 | 60.6 | 12.0 | 116.8 | 64.7 | 79.3 | 72.0 | 86.9 |
| Redfield | 96 | 4 | 28 | 1 | 60.2 | 13.4 | 119.4 | 62.6 | 75.0 | 68.8 | 85.7 |
| Flourish | 96 | 5 | 31 | 1 | 60.0 | 13.3 | 112.9 | 64.8 | 78.2 | 71.5 | 85.3 |
| Jerry | 94 | 6 | 31 | 1 | 59.1 | 12.8 | 103.4 | 64.3 | 84.9 | 74.6 | 84.2 |
| Lyman | 99 | 2 | 30 | 1 | 60.4 | 13.9 | 102.9 | 68.2 | 81.5 | 74.8 | 84.2 |
| SY Wolf | 96 | 4 | 30 | 0 | 61.3 | 13.3 | 111.7 | 62.8 | 77.1 | 69.9 | 83.9 |
| Overland | 94 | 3 | 30 | 1 | 59.9 | 13.6 | 102.9 | 61.1 | 68.3 | 64.7 | 77.4 |
| AC Emerson | 97 | 7 | 32 | 1 | 60.7 | 13.2 | -- | 65.8 | 82.2 | 74.0 | -- |
| AC Gateway | 96 | 4 | 28 | 0 | 60.3 | 13.3 | -- | 59.0 | 83.7 | 71.3 | -- |
| Colter | 85 | 7 | 28 | 1 | 57.8 | 12.9 | -- | 64.2 | 65.5 | 64.9 | -- |
| Loma | 96 | 7 | 26 | 1 | 60.0 | 12.9 | -- | -- | 95.2 | -- | -- |
| SY Monument | 99 | 4 | 28 | 1 | 60.0 | 12.1 | -- | -- | 85.4 | -- | -- |
| Northern | 95 | 7 | 30 | 0 | 59.8 | 12.5 | -- | -- | 84.6 | -- | -- |
| CDC Chase | 92 | 5 | 35 | 1 | 60.5 | 11.7 | -- | -- | 82.1 | -- | -- |
| Ruth | 98 | 3 | 28 | 1 | 60.3 | 13.4 | -- | -- | 75.8 | -- | -- |
| WB4614 | 92 | 5 | 27 | 0 | 57.8 | 11.8 | -- | -- | 73.9 | -- | -- |
| SY Sunrise | 84 | 3 | 27 | 0 | 61.0 | 12.8 | -- | -- | 68.2 | -- | -- |
| Trial Mean | 92 | 5 | 31 | 1 | 60.0 | 13.1 | 109.0 | 64.7 | 77.9 | -- | -- |
| C.V. % | 11.9 | 12.5 | 4.8 | 87 | 0.8 | 2.7 | 6.8 | 11.6 | 5.3 | -- | -- |
| LSD 0.05 | 15 | 1 | 2 | 1 | 0.7 | 0.5 | 11.2 | 8.5 | 5.9 | -- | -- |
| LSD 0.10 | 13 | 1 | 2 | 1 | 0.6 | 0.4 | 9.1 | 7.1 | 4.9 | -- | -- |

*Lodging: 0 = none, 9 = lying flat on the ground.

Planting Date: September 23, 2015

Harvest Date: July 29, 2016

Seeding Rate: 1.3 million live seeds / acre

Previous Crop: 2012 = durum, 2013 = prevent plant, 2015 = spring wheat

Soil Type: Williams loam