

**North Central Research Extension Center—Minot
Emmer Variety Trial**

| Variety | Days to Head | Plant Height | Lodge | Kernel Weight | Test Weight | Protein % | Grain Yield | | | | |
|------------|------------------------|-----------------|-------------------------|------------------|----------------|--------------|-------------|------|-------|-----------|-----------|
| | | | | | | | 2007 | 2008 | 2009 | 2 Year | 3 Year |
| Bowman | DAP ¹ 63 | in 40 | 0-9 ² 6.3 | g/1000 62.7 | lb/bu 36.2 | % 14.0 | -- | 75.8 | 80.4 | 75.8 | -- |
| Common-H | 63 | 40 | 5.3 | 63.5 | 36.3 | 13.9 | -- | 88.1 | 103.3 | 88.1 | -- |
| Common-M | 64 | 41 | 6.0 | 66.4 | 36.0 | 14.1 | -- | 79.2 | 99.7 | 79.2 | -- |
| Common-R | 63 | 40 | 7.3 | 63.1 | 37.2 | 14.2 | -- | 75.4 | 98.4 | 75.4 | -- |
| Lucille | 64 | 42 | 5.3 | 75.8 | 36.0 | 13.8 | 26.1 | 85.9 | 115.2 | 56.0 | 75.7 |
| ND Common | 63 | 41 | 6.3 | 73.1 | 37.3 | 14.0 | 37.2 | 86.5 | 121.0 | 61.9 | 81.6 |
| Red Vernal | 64 | 42 | 4.3 | 78.3 | 35.1 | 13.9 | -- | 88.7 | 114.5 | 88.7 | -- |
| LSD 5% | NS | NS | 1.8 | 4.8 | 1.5 | NS | NS | 7.2 | 13.0 | -- | -- |
| C.V.% | 1.5 | 4.1 | 20.3 | 4.7 | 2.7 | 2.7 | 26.8 | 5.8 | 8.4 | -- | -- |
| Mean | 63 | 41 | 5.8 | 69.0 | 36.3 | 14.0 | 31.7 | 82.8 | 104.6 | -- | -- |

Planted on May 6 with a seeding rate of 1 million PLS and harvested on August 21.

2007 Evaluation had severe heat stress during the heading period.

¹ DAP = Days after planting.

² Lodging score based on scale 0-9 (0 = upright, 9 = flat).