

**North Central Research Extension Center—Minot
Triticale Variety Trial on Fallow (spring)**

| Variety | Days to Head | Plant Height | Lodge | Kernel Weight | Test Weight | Protein | Grain Yield | | | | |
|-------------|--------------------|-----------------|------------------|------------------|----------------|---------|-------------|------|------|------|------|
| | | | | | | | 2008 | 2009 | 2010 | 2 | 3 |
| | DAP ¹ | in | 0-9 ² | g/1000 | lb/bu | % | bu/A | | | | |
| AC Ultima | 62 | 39 | 0.5 | 41.8 | 49.0 | 12.8 | -- | -- | 75.3 | -- | -- |
| Companion | 61 | 51 | 1.8 | 47.5 | 51.3 | 12.1 | 68.7 | 97.1 | 94.9 | 96.0 | 86.9 |
| Laser | 61 | 49 | 1.3 | 48.6 | 50.8 | 11.1 | 66.0 | 82.9 | 86.7 | 84.8 | 78.5 |
| Marvel | 63 | 45 | 1.3 | 38.6 | 44.3 | 14.0 | 73.5 | 80.8 | 69.6 | 75.2 | 74.6 |
| Merlin | 61 | 42 | 1.8 | 41.6 | 45.0 | 13.8 | -- | -- | 80.7 | -- | -- |
| Trical 141 | 66 | 53 | 0.3 | 45.5 | 44.5 | 14.4 | -- | -- | 74.1 | -- | -- |
| Trical 2700 | 65 | 50 | 0.3 | 43.1 | 45.2 | 11.9 | 79.9 | 95.8 | 92.4 | 94.1 | 89.4 |
| Wapiti | 61 | 50 | 1.8 | 46.0 | 50.6 | 12.2 | 65.2 | 92.5 | 90.3 | 91.4 | 82.6 |
| LSD 5% | 1 | 5 | 0.9 | 2.6 | 1.0 | 0.8 | 13.0 | 12.3 | 14.0 | -- | -- |
| C.V.% | 1.4 | 6.7 | 55.2 | 4.0 | 1.4 | 4.2 | 11.8 | 9.0 | 11.4 | -- | -- |
| Mean | 62 | 47 | 1.1 | 44.1 | 47.6 | 12.8 | 72.8 | 90.6 | 83.0 | -- | -- |

Planted on April 22 with a seeding rate of 1.2 million PLS and harvested on September 28.

¹ DAP = Days after planting.

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