

**NDSU Carrington Research Extension Center
2006 Variety Trial Data**

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|-------------------------|-------------------|
| Barley - Dryland | Carrington |
|-------------------------|-------------------|

| Variety | Days to Head | Lodge 0-9 | Plant Height inch | Plump >6/64 % | Thin <5/64 % | -- Grain Protein - | | ----- Grain Yield ----- | | | |
|----------------|-----------------|--------------|-------------------------|---------------------|--------------------|--------------------|---------------|-------------------------|------|---------------|---------------|
| | | | | | | 2006 | 3-yr. Avg. | Test Weight lb/bu | 2006 | 2-yr. Avg. | 3-yr. Avg. |
| Six Row | | | | | | | | | | | |
| Drummond | 57.5 | 1.5 | 26.9 | 73.7 | 22.7 | 12.5 | 12.0 | 44.7 | 72.2 | 86.2 | 92.6 |
| Lacey | 56.3 | 0.8 | 26.1 | 76.7 | 20.5 | 12.0 | 11.9 | 45.9 | 80.6 | 86.7 | 93.1 |
| Legacy | 58.0 | 1.5 | 25.5 | 67.5 | 27.3 | 12.9 | 12.1 | 43.9 | 72.6 | 80.8 | 85.5 |
| MNBrite | 57.5 | 3.5 | 26.6 | 72.5 | 23.4 | 14.3 | 13.4 | 45.2 | 71.8 | 78.1 | 85.8 |
| Robust | 57.0 | 3.0 | 26.0 | 72.9 | 23.4 | 12.4 | 12.6 | 45.3 | 74.3 | 76.3 | 83.3 |
| Stellar-ND | 57.0 | 0.8 | 24.2 | 81.1 | 16.4 | 11.6 | 11.5 | 44.9 | 76.7 | 89.8 | 98.7 |
| Tradition | 58.8 | 0.3 | 25.4 | 62.7 | 24.6 | 12.2 | 11.9 | 45.8 | 71.2 | 85.0 | 91.7 |
| Uniculm Morex | 53.8 | 0.0 | 29.1 | 96.1 | 3.5 | 14.0 | -- | 45.7 | 47.7 | -- | -- |
| Two Row | | | | | | | | | | | |
| AC Metcalfe | 59.0 | 0.8 | 25.3 | 52.1 | 41.5 | 14.1 | -- | 44.6 | 66.3 | -- | -- |
| Bowman | 54.0 | 2.8 | 23.3 | 74.2 | 20.7 | 12.0 | 12.3 | 47.7 | 73.1 | 68.0 | 67.1 |
| Conlon | 50.8 | 3.3 | 24.4 | 75.0 | 21.3 | 12.4 | 12.0 | 46.7 | 67.3 | 58.0 | 70.9 |
| Eslick | 60.8 | 0.5 | 25.4 | 43.0 | 49.7 | 13.7 | 12.6 | 43.8 | 66.0 | 73.1 | 77.5 |
| Harrington | 61.5 | 2.8 | 26.3 | 42.4 | 50.2 | 13.3 | 12.5 | 42.8 | 65.8 | 62.8 | 64.4 |
| Haxby | 59.3 | 0.5 | 25.8 | 56.1 | 34.7 | 12.1 | -- | 46.9 | 85.2 | 90.3 | -- |
| Haybet | 58.5 | 5.8 | 25.4 | 9.5 | 68.8 | 13.6 | -- | 39.7 | 52.2 | 43.0 | -- |
| Hayes | 61.3 | 1.8 | 23.3 | 16.0 | 62.7 | 13.2 | -- | 39.1 | 57.6 | 54.2 | -- |
| Rawson | 56.5 | 0.0 | 25.3 | 84.6 | 13.0 | 12.4 | 11.2 | 46.0 | 79.6 | 77.9 | 85.1 |
| MEAN | 57.2 | 1.2 | 25.1 | 68.0 | 26.5 | 12.4 | | 44.7 | 71.8 | -- | -- |
| C.V. % | 1.6 | 72.4 | 6.8 | 8.6 | 18.7 | 5.9 | | 2.9 | 10.4 | -- | -- |
| LSD .05 | 1.3 | 1.2 | 2.4 | 8.3 | 7.0 | 1.0 | | 1.8 | 10.5 | -- | -- |

Planting Date = April 20; Harvest Date = July 25; Previous Crop = Soybean

Lodging Score: 0 = no lodging; 9 = plants lying flat

** Seed sample analysis for DON among all varieties failed to indicate any presence of vomitoxin.