

**NDSU Carrington Research Extension Center
2005 Variety Trial Data**

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| Barley - Direct Seeded Recrop Elite | Carrington |
|--|-------------------|

| Variety | Days to Head | Plant Height inch | Plump >6/64 % | Thin <5/64 % | DON ppm | --- Grain Protein - | | ----- Grain Yield ----- | | | |
|----------------|-----------------|-------------------------|---------------------|--------------------|------------|---------------------|-------------------------|-------------------------|---------------|---------------|------|
| | | | | | | 3-yr. Avg. | Test Weight lb/bu | 2005 | 2-yr. Avg. | 3-yr. Avg. | |
| Six Row | | | | | | | | | | | |
| Drummond | 65.0 | 27.6 | 88.5 | 1.6 | 23.6 | 11.4 | 11.4 | 43.2 | 77.1 | 92.5 | 93.4 |
| Lacey | 68.0 | 27.5 | 91.6 | 0.6 | 14.9 | 11.0 | 11.1 | 44.6 | 78.3 | 89.7 | 91.2 |
| Legacy | 68.5 | 30.5 | 86.4 | 1.1 | 12.5 | 11.4 | 11.1 | 43.3 | 80.9 | 94.9 | 95.9 |
| Robust | 66.8 | 29.6 | 88.1 | 0.8 | 11.8 | 11.7 | 11.7 | 44.0 | 71.5 | 86.4 | 86.0 |
| Stellar-ND | 65.8 | 27.9 | 97.2 | 0.6 | 11.7 | 10.8 | -- | 44.3 | 84.8 | 99.8 | -- |
| Tradition | 66.0 | 26.1 | 84.9 | 1.2 | 9.9 | 11.4 | -- | 44.8 | 78.8 | 93.9 | -- |
| Two Row | | | | | | | | | | | |
| Conlon | 64.5 | 25.2 | 91.7 | 0.9 | 4.6 | 11.3 | -- | 46.8 | 70.6 | 83.8 | -- |
| Metcalfe | 72.3 | 29.7 | 74.6 | 2.7 | 7.6 | 11.5 | -- | 45.2 | 76.0 | 90.7 | -- |
| Rawson | 69.0 | 28.1 | 92.9 | 0.9 | 7.7 | 10.5 | -- | 43.9 | 76.4 | 91.0 | -- |
| MEAN | 67.0 | 28.0 | 88.6 | 1.1 | 13.2 | 11.1 | -- | 44.7 | 79.7 | -- | -- |
| C.V. % | 1.6 | 7.8 | 6.3 | 28.6 | 16.6 | 4.0 | -- | 1.6 | 10.0 | -- | -- |
| LSD .05 | 1.6 | 3.1 | 7.9 | 0.5 | 4.7 | NS | -- | 1.0 | 11.4 | -- | -- |

Planting Date = April 19; Harvest Date = August 2; Previous Crop = Durum

** This trial was directly planted into an undisturbed durum stubble.