

**NDSU Carrington Research Extension Center
2019 Variety Trial Data**

| Barley | | | | | Barnes County - Dazey | | | | | |
|-----------------|-------------------------|-----------------------|---------------------|--------------------|------------------------------|--------------------|-------------------------|-------------------------|------------------------|------------------------|
| Variety | Plant Height inch | Plant Lodge 0-9 | Plump >6/64 % | Thin <5/64 % | --- Grain Protein --- | | Test Weight lb/bu | ----- Grain Yield ----- | | |
| | | | | | 2019 | 3-yr. Avg. % | | 2019 | 2-yr. Avg. bu/ac | 3-yr. Avg. bu/ac |
| Two Row | | | | | | | | | | |
| Conlon | 25.8 | 8.0 | 87.4 | 1.6 | 13.9 | -- | 43.7 | 60.2 | -- | -- |
| Pinnacle | 26.6 | 7.0 | 83.5 | 3.1 | 12.8 | 12.6 | 41.3 | 58.9 | 60.9 | 76.1 |
| ND Genesis | 26.2 | 7.3 | 92.5 | 1.2 | 13.6 | 13.2 | 40.8 | 75.3 | 83.4 | 91.8 |
| AAC Synergy | 26.0 | 4.3 | 94.8 | 0.7 | 13.4 | 13.7 | 42.7 | 91.9 | 96.3 | 99.5 |
| ABI Balster | 27.2 | 7.0 | 90.7 | 1.4 | 14.1 | 14.4 | 41.1 | 79.1 | 83.9 | 93.4 |
| Explorer | 25.0 | 8.0 | 79.9 | 2.8 | 13.0 | 13.3 | 40.6 | 62.4 | 85.2 | 93.7 |
| AAC Connect | 26.2 | 5.3 | 93.3 | 1.2 | 13.4 | -- | 41.0 | 86.8 | -- | -- |
| CDC Bow | 26.8 | 4.8 | 92.6 | 2.1 | 13.3 | -- | 41.9 | 82.8 | -- | -- |
| Six row | | | | | | | | | | |
| Tradition | 28.0 | 2.0 | 89.2 | 1.2 | 14.4 | 14.0 | 43.0 | 93.8 | 102.3 | 107.6 |
| Lacey | 28.3 | 3.0 | 93.2 | 0.8 | 14.1 | 14.3 | 43.4 | 89.7 | 100.2 | 100.7 |
| Tradition Check | 27.2 | 3.5 | 86.7 | 1.5 | 14.4 | 14.0 | 42.3 | 94.2 | 102.5 | 107.7 |
| MEAN | 26.5 | 5.4 | 89.5 | 1.5 | 13.4 | -- | 41.6 | 82.4 | -- | -- |
| C.V. (%) | 7.0 | 22.2 | 3.5 | 45.4 | 5.2 | -- | 3.0 | 8.0 | -- | -- |
| LSD 0.10 | NS | 1.4 | 3.8 | 0.8 | 0.8 | -- | 1.5 | 7.9 | -- | -- |
| LSD 0.05 | NS | 1.7 | 4.6 | 1.0 | 1.0 | -- | 1.8 | 9.5 | -- | -- |

Planting Date = May 10 ; Harvest Date = September 6 ; Previous Crop = Soybean

* Barley seeding rate used in this trial was 1,100,000 pure live seeds acre⁻¹.