

2009 BARLEY VARIETY

WILLISTON RESEARCH EXTENSION CENTER - WILLIAMS COUNTY, RAY

| Cultivar | Plant Height inches | Test Weight lbs/bu | Grain Protein % | % Plump >6/64 | % Thin <5/64 | ----- Grain Yield ----- | | | Average Yield | |
|----------------|------------------------|-----------------------|--------------------|------------------|-----------------|-------------------------|------|-------|---------------|------|
| | | | | | | 2007 | 2008 | 2009 | 2 yr | 3 yr |
| Six Row | | | | | | | | | | |
| Celebration | 29 | 50.6 | 11.1 | 93.0 | 0.8 | -- | -- | 98.8 | -- | -- |
| Drummond | 29 | 52.1 | 11.3 | 93.8 | 0.8 | 69.7 | 55.4 | 98.8 | 77.1 | 74.6 |
| Lacey | 27 | 52.2 | 11.0 | 92.0 | 1.0 | 84.1 | 58.4 | 101.5 | 80.0 | 81.4 |
| Legacy | 28 | 50.8 | 10.3 | 93.3 | 0.8 | 75.8 | 53.9 | 96.1 | 75.0 | 75.3 |
| Rasmusson | 28 | 52.0 | 10.5 | 92.8 | 0.9 | -- | 55.1 | 101.3 | 78.2 | -- |
| Stellar-ND | 28 | 51.8 | 10.8 | 95.0 | 0.8 | 77.8 | 50.1 | 88.6 | 69.4 | 72.2 |
| Tradition | 28 | 52.4 | 10.4 | 94.0 | 0.6 | 79.7 | 57.5 | 90.9 | 74.2 | 76.0 |
| Two Row | | | | | | | | | | |
| AC Melcalfe | 31 | 53.6 | 10.5 | 90.6 | 1.8 | 66.0 | 56.4 | 97.9 | 77.1 | 73.4 |
| CDC Copeland | 34 | 52.3 | 9.1 | 92.9 | 1.2 | 74.5 | 56.4 | 106.6 | 81.5 | 79.1 |
| Conlon | 30 | 53.8 | 10.6 | 95.2 | 0.7 | 65.6 | 46.9 | 94.7 | 70.8 | 69.1 |
| Conrad | 29 | 52.4 | 10.4 | 91.4 | 1.7 | 79.3 | 63.9 | 95.4 | 79.6 | 79.5 |
| Pinnacle | 29 | 54.0 | 8.7 | 95.6 | 0.7 | 75.7 | 65.3 | 103.9 | 84.6 | 81.6 |
| Rawson | 29 | 53.0 | 10.3 | 97.2 | 0.4 | 67.0 | 51.9 | 98.3 | 75.1 | 72.4 |
| MEAN | 29 | 52.3 | 10.3 | 93.4 | 0.9 | 73.8 | 56.6 | 97.9 | -- | -- |
| C.V. % | 4 | 0.7 | 5.1 | 1.1 | 23.8 | 7.7 | 6.1 | 7.4 | -- | -- |
| LSD 5% | 2 | 0.8 | 1.1 | 2.2 | 0.5 | 9.6 | 5.8 | NS | -- | -- |

Planted: May 12 notill into chem fallow stubble.

Harvested: August 31

Grain protein percentages reported on a 0% moisture basis.