

NDSU Hettinger Research Extension Center

Barley - 2017 **Regent, ND**

| Variety | Plant | Plant | Test | Grain | ----- Grain Yield ----- | | | ----- Average Yield ----- | |
|----------------|--------|-------|--------|---------|------------------------------|------|------|---------------------------|------|
| | Height | Lodge | Weight | Protein | 2015 | 2016 | 2017 | 2 yr | 3 yr |
| | inches | 0-9* | lbs/bu | % | ----- Bushels per acre ----- | | | | |
| TWO ROW | | | | | | | | | |
| ND Genesis | 23 | 0 | 45.2 | 14.1 | 112.1 | 39.7 | 19.3 | 29.5 | 57.0 |
| Pinnacle | 23 | 0 | 46.5 | 14.7 | 106.1 | 24.5 | 17.4 | 21.0 | 49.3 |
| CDC Meredith | 22 | 0 | 41.4 | 16.1 | -- | 44.1 | 19.1 | 31.6 | -- |
| SIX ROW | | | | | | | | | |
| Innovation | 22 | 0 | 46.3 | 15.5 | 84.8 | 27.4 | 19.5 | 23.5 | 43.9 |
| Tradition | 23 | 0 | 46.7 | 15.2 | -- | 30.8 | 21.1 | 26.0 | -- |
| Trial Mean | 23 | 0 | 45.2 | 15.1 | 93.2 | 33.3 | 19.3 | 26.3 | 50.1 |
| C.V. % | 6.0 | -- | 3.2 | 2.8 | 8.0 | 18.8 | 27.4 | -- | -- |
| LSD 5% | 2.1 | NS | 2.2 | 0.7 | 11.3 | 9.6 | 8.1 | -- | -- |
| LSD 10% | 1.7 | NS | 1.8 | 0.5 | 9.4 | 7.9 | 6.6 | -- | -- |

* 0 = no lodging, 9 = 100% lodged.

Planting Date: April 27

Harvest Date: August 11

Previous Crop: Spring Wheat