

## Barley Variety - 2005

Divide County, Crosby/Fortuna

| Cultivar       | Plant Height<br>in | Plump<br>>6/64 | Test Weight<br>lbs/bu | Grain Protein<br>% | Grain Yield            |                        |                        |                            |
|----------------|--------------------|----------------|-----------------------|--------------------|------------------------|------------------------|------------------------|----------------------------|
|                |                    |                |                       |                    | 2003<br>-----<br>bu/ac | 2004<br>-----<br>bu/ac | 2005<br>-----<br>bu/ac | 3 yr avg<br>-----<br>bu/ac |
| <b>Six Row</b> |                    |                |                       |                    |                        |                        |                        |                            |
| Drummond       | 29                 | 60             | 45.6                  | 11.8               | 47.0                   | 110.0                  | 99.5                   | 85.5                       |
| Excel          | 27                 | 54             | 45.8                  | 13.1               | 44.8                   | 119.6                  | 97.0                   | 87.1                       |
| Lacey          | 27                 | 68             | 47.5                  | 12.3               | 45.6                   | 114.3                  | 99.9                   | 86.6                       |
| Legacy         | 28                 | 67             | 45.9                  | 13.1               | 42.6                   | 106.6                  | 94.1                   | 81.1                       |
| Robust         | 29                 | 60             | 49.4                  | 14.0               | 47.9                   | 112.8                  | 90.0                   | 83.6                       |
| Stellar-ND     | 25                 | 65             | 47.6                  | 13.4               | 50.3                   | 101.9                  | 96.3                   | 82.8                       |
| Tradition      | 27                 | 50             | 48.1                  | 12.6               | 48.3                   | 126.8                  | 101.6                  | 92.2                       |
| <b>Two Row</b> |                    |                |                       |                    |                        |                        |                        |                            |
| AC Metcalfe    | 28                 | 68             | 45.9                  | 13.8               | --                     | 100.5                  | 80.1                   | --                         |
| Conlon         | 27                 | 73             | 46.7                  | 13.0               | 52.7                   | 86.9                   | 83.9                   | 74.5                       |
| Harrington     | 26                 | 60             | 46.3                  | 13.9               | 44.0                   | 115.2                  | 76.5                   | 78.6                       |
| Haxby          | 27                 | 56             | 48.5                  | 13.2               | --                     | --                     | 99.3                   | --                         |
| Rawson         | 30                 | 90             | 49.3                  | 10.8               | --                     | 116.4                  | 108.0                  | --                         |
| Mean           | 27                 | 86             | 50.6                  | 12.9               | 47.0                   | 110.4                  | 99.6                   | --                         |
| CV%            | 8                  | 4              | 2.5                   | 14.6               | 8.2                    | 12.4                   | 8.8                    | --                         |
| LSD 0.05       | NS                 | 7              | NS                    | NS                 | NS                     | NS                     | 14.9                   | --                         |

Planting Date: May 26, 2005 on tilled recrop

Harvest Date: August 22, 2005

Grain protein percentages reported on a 0% moisture basis