

**Barley - 2006**

**Langdon**

| Variety        | Days to Head | Plant Height | Plump % | Lodging 0-9 | Test Weight lbs/bu | Protein % | Grain Yield |      |       | Average Yield |        |
|----------------|--------------|--------------|---------|-------------|--------------------|-----------|-------------|------|-------|---------------|--------|
|                |              |              |         |             |                    |           | 2004        | 2005 | 2006  | 2 year        | 3 year |
| <b>Six Row</b> |              |              |         |             |                    |           |             |      |       |               |        |
| Drummond       | 54           | 38           | 66      | 0.8         | 47.0               | 12.3      | 93.1        | 69.8 | 106.6 | 88.2          | 89.8   |
| Lacey          | 53           | 36           | 81      | 1.8         | 49.6               | 12.0      | 117.0       | 72.8 | 115.9 | 94.4          | 101.9  |
| Legacy         | 55           | 39           | 68      | 5.0         | 46.2               | 11.2      | 87.5        | 70.6 | 109.1 | 89.9          | 89.1   |
| MNBrite        | 57           | 39           | 66      | 6.5         | 48.0               | 13.8      | 93.4        | 72.3 | 88.2  | 80.3          | 84.6   |
| Robust         | 54           | 40           | 71      | 2.8         | 49.1               | 12.6      | 93.9        | 69.1 | 105.7 | 87.4          | 89.6   |
| Stellar-ND     | 52           | 37           | 89      | 1.0         | 48.8               | 11.1      | 115.1       | 70.4 | 120.4 | 95.4          | 102.0  |
| Tradition      | 55           | 38           | 78      | 2.3         | 48.5               | 11.7      | 106.2       | 71.4 | 115.0 | 93.2          | 97.5   |
| <b>Two Row</b> |              |              |         |             |                    |           |             |      |       |               |        |
| AC Metcalfe    | 56           | 36           | 82      | 2.3         | 49.0               | 12.7      | 81.1        | 77.2 | 104.4 | 90.8          | 87.6   |
| Bowman         | 52           | 35           | 91      | 2.8         | 51.7               | 12.4      | 96.3        | 79.4 | 110.2 | 94.8          | 95.3   |
| Conlon         | 51           | 35           | 95      | 2.8         | 52.1               | 11.6      | 108.6       | 76.1 | 106.6 | 91.4          | 97.1   |
| Eslick         | 55           | 37           | 81      | 5.0         | 49.8               | 11.6      | 74.7        | 86.2 | 119.1 | 102.7         | 93.3   |
| Harrington     | 57           | 38           | 65      | 6.5         | 45.9               | 13.0      | 62.4        | 76.7 | 94.6  | 85.7          | 77.9   |
| Haxby          | 53           | 35           | 88      | 0.3         | 52.4               | 11.5      | --          | 83.0 | 118.0 | --            | --     |
| Rawson         | 49           | 37           | 96      | 2.3         | 49.5               | 10.6      | 79.6        | 70.1 | 111.4 | 90.8          | 87.0   |
| Trial Mean     | 53.4         | 36.9         | 82.0    | 2.5         | 49.1               | 11.7      | 95.4        | 74.5 | 110.7 | --            | --     |
| C.V. %         | 2.2          | 3.0          | 9.7     | 76.2        | 2.2                | 6.0       | 10.4        | 9.6  | 6.0   | --            | --     |
| LSD 5%         | 1.7          | 1.6          | 11.2    | 2.7         | 1.6                | 1.0       | 14.0        | 10.0 | 9.4   | --            | --     |

Planting Date: May 9

Harvest Date: August 7