

2002 Flax - Continuously Cropped No-till Hettinger

| Variety | Days to 10% Bloom | Plant Height inches | ----- Grain Yield ----- | | | <u>Average Yield</u> | |
|--------------|-------------------------|-------------------------------|-------------------------|------|------|----------------------|-----------|
| | | | 2000 | 2001 | 2002 | 2 Year | 3 Year |
| | | | ----- bu/ac ----- | | | | |
| York | 59 | 13 | 29.9 | 34.6 | 5.2 | 19.9 | 23.2 |
| CDC Bethume | 58 | 14 | 31.4 | 32.0 | 5.6 | 18.8 | 23.0 |
| CDC Arras | 59 | 13 | 28.4 | 31.4 | 6.5 | 19.0 | 22.1 |
| Webster | 59 | 15 | 29.5 | 29.0 | 5.8 | 17.4 | 21.4 |
| CDC Carnduff | 58 | 13 | 28.5 | 28.9 | 6.6 | 17.8 | 21.3 |
| Shelby | 60 | 14 | 27.4 | 29.8 | 5.7 | 17.8 | 21.0 |
| Norlin | 59 | 14 | 27.5 | 30.1 | 4.7 | 17.4 | 20.8 |
| CDC Normandy | 59 | 13 | 27.6 | 30.3 | 4.5 | 17.4 | 20.8 |
| AC Watson | 58 | 13 | 27.6 | 29.0 | 4.8 | 16.9 | 20.5 |
| AC Linora | 60 | 16 | 27.5 | 27.6 | 5.4 | 16.5 | 20.2 |
| Neché | 59 | 14 | 27.5 | 27.9 | 4.5 | 16.2 | 20.0 |
| Rahab 94 | 60 | 12 | 27.6 | 26.7 | 5.0 | 15.8 | 19.8 |
| Pembina | 58 | 13 | 26.6 | 26.6 | 5.8 | 16.2 | 19.7 |
| Cathay | 60 | 14 | 24.1 | 28.6 | 5.3 | 17.0 | 19.3 |
| Prompt | 59 | 15 | 25.9 | 26.6 | 5.1 | 15.8 | 19.2 |
| AC Emerson | 58 | 13 | 24.3 | 27.4 | 5.2 | 16.3 | 19.0 |
| Omega | 60 | 15 | 23.9 | 25.3 | 2.9 | 14.1 | 17.4 |
| Flanders | 59 | 13 | | 32.3 | 5.1 | 18.7 | |
| McDuff | 60 | 14 | | 27.7 | 5.7 | 16.7 | |
| Nekoma | 58 | 13 | | 25.0 | 4.6 | | |
| Trial Mean | 59 | 14 | 27.2 | 28.8 | 5.2 | -- | -- |
| C.V. % | 0.8 | 7.3 | 5.3 | 8.5 | 15.2 | -- | -- |
| LSD .05 | 1 | 1 | 2.0 | 3.5 | 1.1 | -- | -- |
| LSD .01 | 1 | 2 | 2.7 | 4.6 | 1.5 | -- | -- |

Planting Date: May 5, 2002

Harvest Date: August 19, 2002

Seeding rate: 32 lbs/Acre

Previous crop: 1999 = soybean, 2000 = fallow, 2001 = barley.

Note: The 2001 trial sustained minor hail damage on June 18.

The 2002 trial sustained severe heat and moisture stress.