

**2014 Non-Roundup Ready Canola Variety Trial**
**NC Research Extension Center—Minot**

| Company           | Variety        | Herbicide System | Days to Bloom<br>DAP <sup>1</sup> | Bloom Duration<br>days | Days to Maturity<br>DAP <sup>1</sup> | Plant Height<br>inches | Oil Content<br>% | Seed Yield<br>lbs/A |
|-------------------|----------------|------------------|-----------------------------------|------------------------|--------------------------------------|------------------------|------------------|---------------------|
| Mycogen Seeds     | Nexera 2012 CL | Clearfield       | 48                                | 18                     | 100                                  | 53                     | 43.2             | 2238                |
| Mycogen Seeds     | CL2537382H     | Clearfield       | 49                                | 19                     | 99                                   | 53                     | 44.8             | 2284                |
| Mycogen Seeds     | CL2537385H     | Clearfield       | 44                                | 22                     | 100                                  | 52                     | 44.1             | 2258                |
| Mycogen Seeds     | Nexera 2020 CL | Clearfield       | 48                                | 19                     | 100                                  | 48                     | 45.6             | 1994                |
| Bonis & Co.       | BC1212         | Liberty          | 42                                | 26                     | 93                                   | 49                     | 42.7             | 2672                |
| Bayer CropScience | InVigor L130   | Liberty          | 45                                | 21                     | 93                                   | 54                     | 43.4             | 2344                |
| Bayer CropScience | InVigor L120   | Liberty          | 44                                | 21                     | 92                                   | 53                     | 43.5             | 2384                |
| Bayer CropScience | InVigor L252   | Liberty          | 49                                | 20                     | 100                                  | 53                     | 45.6             | 2345                |
| Bayer CropScience | InVigor 5440   | Liberty          | 48                                | 21                     | 96                                   | 60                     | 43.0             | 2570                |
| Bayer CropScience | InVigor L140p  | Liberty          | 45                                | 20                     | 93                                   | 55                     | 44.0             | 2770                |
| Bayer CropScience | InVigor L135c  | Liberty          | 46                                | 21                     | 93                                   | 56                     | 41.6             | 2475                |
| Bayer CropScience | InVigor L156h  | Liberty          | 47                                | 21                     | 100                                  | 52                     | 43.5             | 2222                |
| RR check          | DK 38-48       | Roundup          | 42                                | 26                     | 92                                   | 50                     | 44.8             | 2679                |
| Trial Mean        |                |                  | 46                                | 21                     | 96                                   | 53                     | 43.8             | 2403                |
| C.V.%             |                |                  | 2.2                               | 4.8                    | 1.1                                  | 6.8                    | 1.2              | 7.7                 |
| LSD 10%           |                |                  | 1                                 | 1                      | 1                                    | 4                      | 0.6              | 222                 |

<sup>1</sup> DAP = Days after planting.

Trial was planted on May 21 with a seeding rate of 8 lbs/A and harvested on September 6.

Previous Crop: spring wheat

Soil Type: Williams Loam

Oil content and seed yields are adjusted to 8.5% moisture.