

**NDSU Carrington Research Extension Center
2015 Variety Trial Data**

| | |
|--|-------------------|
| Canola - Liberty Link Cultivars | Carrington |
|--|-------------------|

| Brand | Cultivar | Status ¹ | Oil Type ² | Days to Bloom | Bloom Duration | Days to PM | Plant Height inch | 1000 KWT gram | Test Weight lb/bu | Oil Content 8.5%M | Seed Yield lb/ac |
|-------------------|---------------|---------------------|-----------------------|---------------|----------------|------------|----------------------|------------------|----------------------|----------------------|---------------------|
| Bayer CropScience | InVigor L130 | CA | Trad | 48.5 | 13.0 | 90.8 | 35.6 | 3.06 | 52.7 | 46.2 | 1514 |
| Bayer CropScience | InVigor L140P | CA | Trad | 50.8 | 12.3 | 92.3 | 38.7 | 2.59 | 53.0 | 44.8 | 2321 |
| Bayer CropScience | InVigor 5440 | CA | Trad | 50.5 | 12.5 | 92.8 | 40.9 | 2.86 | 53.1 | 46.2 | 2061 |
| Bayer CropScience | InVigor L252 | CA | Trad | 52.0 | 12.0 | 93.0 | 37.3 | 2.55 | 53.4 | 47.2 | 2322 |
| Bayer CropScience | InVigor L241C | EXP | Trad | 52.5 | 12.8 | 93.0 | 40.8 | 2.93 | 53.4 | 43.9 | 2252 |
| Bayer CropScience | InVigor L156H | CA | HO | 52.5 | 12.3 | 95.0 | 40.8 | 2.84 | 52.8 | 45.7 | 2261 |
| MEAN | | | | 51.1 | 12.5 | 92.8 | 39.0 | 2.80 | 53.1 | 45.7 | 2122 |
| C.V. (%) | | | | 1.9 | 9.7 | 0.4 | 6.0 | 2.9 | 0.4 | 0.9 | 11.3 |
| LSD 0.10 | | | | 1.2 | NS | 0.5 | 2.9 | 0.10 | 0.3 | 0.5 | 298 |
| LSD 0.05 | | | | 1.5 | NS | 0.6 | 3.5 | 0.12 | 0.4 | 0.6 | 363 |

Planting Date = May 4 ; Harvest Date = August 13 ; Previous Crop = Spring Wheat.

¹ Status refers to availability to producers: CA = Commercially available, while EXP = Experimental line.

² Oil Type: Trad. = Traditional, and HO = High Oleic

* Plant type: All cultivars are 'Hybrids'.

** All canola cultivars in trial were noted as 'Resistant' to blackleg based on information from respective companies.