

**NDSU Carrington Research Extension Center
2005 Variety Trial Data**

Canola - Roundup Ready Cultivars

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| Brand | Cultivar | Plant Stand ft-2 | Days to Bloom | Duration | Days to PM | Plant Lodge 0-9 | Plant Height inch | 1000 KWT gram | Test Weight lb/bu | Oil Content % @ 8.5%M | ----- Seed Yield ---- | |
|------------------|---------------------|---------------------|---------------|----------|------------|--------------------|----------------------|------------------|----------------------|--------------------------|-----------------------|---------------------------|
| | | | | | | | | | | | 2005 | 3-yr. Avg. lb/ac ----- |
| Proseed | Roughrider Plus | 4.9 | 55.3 | 23.8 | 92.5 | 0.5 | 38.5 | 2.9 | 50.1 | 45.6 | 1431 | -- |
| Pioneer | 45H21 | 8.9 | 53.3 | 22.5 | 91.0 | 1.0 | 37.2 | 2.8 | 52.0 | 43.2 | 2193 | 2463 |
| Pioneer | 45H25 | 6.5 | 52.3 | 25.3 | 90.0 | 0.8 | 40.0 | 2.6 | 52.6 | 42.1 | 1670 | -- |
| Croplan Genetics | HyClass 712 | 8.0 | 55.5 | 21.8 | 92.0 | 0.0 | 40.9 | 2.7 | 50.9 | 44.7 | 1862 | -- |
| Croplan Genetics | HyClass 767 | 10.0 | 53.5 | 23.5 | 89.0 | 0.0 | 38.2 | 2.8 | 52.9 | 41.5 | 1686 | 2052 |
| Croplan Genetics | HyClass 905 | 7.4 | 55.3 | 22.5 | 90.8 | 0.3 | 40.9 | 2.8 | 51.2 | 44.3 | 1788 | 2313 |
| Croplan Genetics | HyClass 910 | 9.2 | 55.8 | 20.5 | 89.8 | 0.5 | 38.0 | 3.0 | 52.0 | 42.5 | 1763 | 2266 |
| Croplan Genetics | Crosby | 6.1 | 55.8 | 24.0 | 94.8 | 0.8 | 35.4 | 3.4 | 50.1 | 42.9 | 1086 | 1932 |
| Croplan Genetics | Minot | 7.7 | 54.0 | 24.8 | 90.8 | 0.8 | 35.4 | 3.0 | 51.7 | 41.3 | 1593 | 1807 |
| Croplan Genetics | HyClass 431 (04S31) | 8.5 | 53.5 | 26.5 | 90.3 | 0.5 | 38.0 | 2.8 | 51.2 | 42.5 | 1663 | -- |
| CSCO (Cargill) | IMC 111 RR | 9.1 | 56.0 | 24.5 | 94.8 | 0.3 | 40.0 | 2.7 | 52.5 | 42.9 | 1611 | -- |
| CSCO (Cargill) | IMC 209 RR | 9.3 | 56.3 | 21.8 | 93.0 | 0.3 | 39.2 | 2.9 | 50.9 | 43.2 | 1344 | -- |
| CSCO (Cargill) | v1030 | 8.4 | 52.8 | 19.5 | 88.5 | 1.0 | 40.7 | 2.7 | 51.8 | 41.6 | 1963 | -- |
| CSCO (Cargill) | v1031 | 8.2 | 53.0 | 22.3 | 93.5 | 1.5 | 40.9 | 2.9 | 51.3 | 43.7 | 1622 | -- |
| CSCO (Cargill) | v1032 | 6.9 | 52.5 | 22.8 | 90.8 | 1.5 | 37.8 | 2.8 | 52.0 | 42.4 | 1745 | -- |
| CSCO (Cargill) | 03 H 252 | 8.2 | 54.8 | 22.8 | 95.0 | 0.8 | 41.1 | 3.1 | 51.3 | 44.0 | 2096 | -- |
| Interstate | Hyola 357 Magnum | 9.5 | 51.3 | 23.5 | 91.3 | 1.3 | 32.5 | 3.1 | 51.6 | 41.9 | 2020 | 2306 |
| Interstate | Hyola 514 RR | 8.0 | 56.3 | 21.3 | 92.3 | 1.0 | 39.2 | 2.5 | 52.0 | 44.2 | 1862 | -- |
| Interstate | AV9525 | 8.6 | 54.0 | 23.3 | 89.0 | 0.5 | 38.6 | 2.5 | 52.7 | 43.0 | 1608 | -- |
| Interstate | SW Patriot | 8.0 | 53.3 | 23.5 | 88.5 | 1.5 | 34.6 | 2.6 | 51.8 | 40.9 | 1555 | -- |
| Interstate | SW Marksman | 9.6 | 52.8 | 25.3 | 89.3 | 0.3 | 37.6 | 2.7 | 51.4 | 42.3 | 1860 | -- |
| Interstate | SW Titan RR | 6.5 | 52.5 | 25.3 | 91.8 | 0.8 | 39.2 | 2.8 | 51.8 | 41.6 | 1738 | -- |
| Interstate | IS 7145 RR | 7.6 | 55.3 | 20.3 | 88.8 | 0.5 | 35.8 | 2.6 | 52.7 | 43.8 | 2006 | -- |
| Interstate | IS 3465 RR | 8.6 | 53.3 | 25.5 | 91.3 | 0.8 | 38.7 | 2.8 | 50.1 | 41.1 | 1345 | -- |
| Dekalb | DKL 52-10 | 11.0 | 53.8 | 24.3 | 91.0 | 0.5 | 35.3 | 2.8 | 52.5 | 42.2 | 2041 | -- |
| | MEAN | 7.5 | 54.3 | 23.6 | 91.5 | 37.4 | 0.8 | 2.79 | 51.6 | 42.5 | 1567 | -- |
| | C.V. % | 21.6 | 1.2 | 4.5 | 1.5 | 8.8 | 89.5 | 4.3 | 1.0 | 2.3 | 16.5 | -- |
| | LSD .05 | 2.2 | 0.9 | 1.5 | 1.8 | 4.5 | 1.0 | 0.17 | 0.5 | 1.4 | 359 | -- |

Planting Date = April 27; Harvest Date = August 5; Previous Crop = Spring Wheat

**NDSU Carrington Research Extension Center
2005 Variety Trial Data**

Canola - Roundup Ready Cultivars

Carrington (Page 2 of 2)

| Brand | Cultivar | Plant Stand ft-2 | Days to Bloom | Duration | Days to PM | Plant Lodge 0-9 | Plant Height inch | 1000 KWT gram | Test Weight lb/bu | Oil Content % @ 8.5%M | ----- Seed Yield ---- | |
|----------------|---------------|---------------------|---------------|----------|------------|--------------------|----------------------|------------------|----------------------|--------------------------|-----------------------|---------------------------|
| | | | | | | | | | | | 2005 | 3-yr. Avg. lb/ac ----- |
| Dekalb | DKL38-25 | 7.2 | 53.8 | 24.5 | 91.8 | 1.3 | 37.2 | 3.3 | 50.7 | 43.0 | 1985 | -- |
| Interstate | HyLite 225 RR | 5.9 | 53.3 | 24.0 | 90.0 | 1.8 | 32.9 | 2.8 | 51.5 | 42.3 | 1197 | 1700 |
| Bonis & Co Ltd | BCA532 | 7.3 | 52.5 | 22.8 | 87.8 | 0.5 | 35.7 | 2.2 | 53.5 | 40.9 | 1403 | -- |
| Bonis & Co Ltd | BCA614 | 7.5 | 53.0 | 23.8 | 89.5 | 0.3 | 36.8 | 2.7 | 53.9 | 41.5 | 1514 | -- |
| LiBred | LBD612RR | 8.2 | 54.3 | 23.5 | 90.5 | 0.8 | 36.0 | 2.6 | 52.4 | 41.6 | 1367 | -- |
| LiBred | LBD588RR | 7.7 | 53.8 | 23.8 | 88.8 | 1.0 | 39.0 | 2.8 | 52.4 | 41.4 | 1200 | -- |
| LiBred | 624RR | 8.8 | 54.5 | 24.5 | 90.8 | 0.3 | 38.8 | 2.8 | 51.7 | 40.9 | 1492 | -- |
| SW Seed Ltd | SW-PF 02-3910 | 9.6 | 51.3 | 22.5 | 92.3 | 1.0 | 36.8 | 3.1 | 51.7 | 41.5 | 2105 | -- |
| SW Seed Ltd | SW H5289 RR | 9.0 | 53.0 | 24.0 | 87.5 | 0.3 | 36.8 | 2.7 | 52.4 | 41.0 | 1537 | -- |
| Agriprogress | AP7910 | 5.6 | 56.0 | 21.8 | 91.0 | 0.3 | 38.9 | 2.7 | 51.8 | 42.6 | 1394 | 2156 |
| Agriprogress | AP3040 | 7.8 | 56.3 | 22.5 | 94.0 | 0.3 | 35.9 | 2.7 | 52.4 | 44.3 | 1466 | -- |
| Agriprogress | AP504 | 7.3 | 55.5 | 23.0 | 93.3 | 1.3 | 37.8 | 2.7 | 51.9 | 43.7 | 1604 | -- |
| Agriprogress | AP 3.32.20 | 7.0 | 54.3 | 24.8 | 91.0 | 1.0 | 34.4 | 2.8 | 50.4 | 43.1 | 1153 | -- |
| Agriprogress | AP 3.32.22 | 5.7 | 54.5 | 25.5 | 92.8 | 0.7 | 33.4 | 2.8 | 50.3 | 42.8 | 1128 | -- |
| Agriprogress | AP 3.32.28 | 8.4 | 53.8 | 24.0 | 91.0 | 0.3 | 37.8 | 2.5 | 50.7 | 41.8 | 1490 | -- |
| Agriprogress | AP 3.32.49 | 7.9 | 53.8 | 23.8 | 90.5 | 0.8 | 37.6 | 2.6 | 51.7 | 42.2 | 1441 | -- |
| Agriprogress | AP 3.39.26 | 9.2 | 53.8 | 23.3 | 89.5 | 1.0 | 35.4 | 2.5 | 51.2 | 42.7 | 1663 | -- |
| Agriprogress | APS 3.06.50 | 6.8 | 54.5 | 23.5 | 90.5 | 1.3 | 39.1 | 2.7 | 52.6 | 42.2 | 1657 | -- |
| Agriprogress | APS 3.22.28 | 6.6 | 54.8 | 23.0 | 90.8 | 0.8 | 34.8 | 2.8 | 51.7 | 41.6 | 1710 | -- |
| Agriprogress | AP 8510 | 5.6 | 56.0 | 23.5 | 93.3 | 1.5 | 37.2 | 2.5 | 51.8 | 42.9 | 1284 | -- |
| Integra | INT 3491 RR | 7.8 | 54.5 | 21.0 | 88.8 | 0.3 | 38.0 | 3.0 | 51.9 | 41.6 | 1593 | -- |
| Integra | RangeRR | 8.9 | 52.3 | 23.8 | 89.3 | 1.5 | 35.6 | 2.7 | 51.3 | 41.7 | 1601 | -- |
| | MEAN | 7.5 | 54.3 | 23.6 | 91.5 | 37.4 | 0.8 | 2.79 | 51.6 | 42.5 | 1567 | -- |
| | C.V. % | 21.6 | 1.2 | 4.5 | 1.5 | 8.8 | 89.5 | 4.3 | 1.0 | 2.3 | 16.5 | -- |
| | LSD .05 | 2.2 | 0.9 | 1.5 | 1.8 | 4.5 | 1.0 | 0.17 | 0.5 | 1.4 | 359 | -- |

Planting Date = April 27; Harvest Date = August 5; Previous Crop = Spring Wheat