

**NDSU Carrington Research Extension Center
2016 Variety Trial Data**

Canola - Roundup Ready Cultivars **Carrington (Page 1 of 2)**

Brand	Cultivar	Status ¹	Oil Type ²	Blackleg	Days to Bloom	Bloom Duration	Days to PM	Plant Height inch	Plant Lodge 0 to 9	1000 KWT gram	Test Weight lb/bu	Oil Content % @ 8.5%M	--- Seed Yield ---	
													2016	3-yr. Avg. lb/ac
Pioneer	45H33	CA	Trad	R	41.8	17.3	85.5	48.3	2.8	3.59	49.5	45.1	2109	--
Pioneer	45CS40	CA	Trad	R	43.3	16.3	85.3	48.0	2.8	3.80	50.2	45.5	2232	--
Pioneer	46M34	CA	Trad	MR	42.3	16.5	88.0	44.1	3.5	3.90	51.8	43.6	1718	--
NuSeed	GT50	Exp	Trad	R	41.3	18.8	86.8	42.9	2.8	3.83	51.6	40.8	1845	--
NuSeed	NCH13G046	Exp	Trad	R	42.8	19.3	87.8	44.7	2.3	3.59	51.9	42.5	1784	--
Cargill Specialty Seeds C	V12-1	CA	HO	R	46.0	13.0	89.5	49.5	2.8	4.23	50.4	43.0	2017	2671
Cargill Specialty Seeds C	V12-3	CA	HO	R	45.0	14.0	88.8	46.1	2.5	4.41	50.6	42.7	2159	--
Cargill Specialty Seeds C	V22-1	CA	HO	R	46.5	14.8	89.8	47.4	2.5	3.71	50.7	44.1	2061	--
Proseed	300 Mag	CA	Trad	R	41.3	17.8	86.3	44.1	3.8	4.36	50.7	45.8	1815	2585
Proseed	45 Caliber	CA	Trad	R	38.0	16.5	80.0	40.0	6.8	3.79	49.3	45.6	1361	--
Proseed	PS 5000	CA	Trad	R	41.3	17.3	85.5	43.6	3.3	3.95	50.4	42.7	1636	--
Canterra Seeds	CS2000	CA	Trad	R	42.8	16.3	87.0	47.4	2.5	4.04	50.7	43.5	1894	--
Canterra Seeds	CS2100	CA	Trad	R	41.0	17.5	86.3	45.2	3.3	4.18	51.5	45.1	2235	--
Croplan	HyClass 930	CA	Trad	R	39.5	16.0	81.5	43.7	4.3	3.69	50.1	47.3	1639	2544
Croplan	HyClass 955	CA	Trad	R	39.3	16.0	81.8	40.7	5.3	4.03	50.4	47.1	1614	2641
Croplan	HyClass 970	CA	Trad	R	40.5	17.3	85.8	48.2	2.5	4.56	51.0	46.0	2058	--
Croplan	HyClass 972	CA	Trad	R	41.5	17.5	87.0	45.1	2.8	3.88	50.6	42.1	1819	--
Integra	7150RR	CA	Trad	R	39.3	16.8	84.0	46.3	4.5	3.65	50.1	46.9	1753	--
Integra	7257RR	Exp	Trad	R	39.8	17.0	85.3	44.1	3.5	4.04	51.0	45.7	2027	--
DL Seeds Inc.	H1509	Exp	Trad	R	40.0	17.3	85.0	44.7	3.3	3.90	49.7	43.3	1631	--
DL Seeds Inc.	H1614	Exp	Trad	R	40.5	18.0	85.3	46.9	3.0	3.53	49.8	46.1	1745	--
DL Seeds Inc.	H1620	Exp	Trad	R	43.0	16.5	90.0	47.6	3.0	3.79	50.7	42.5	1852	--
MEAN					41.3	17.0	86.4	45.6	3.3	3.93	50.7	44.4	1867	--
C.V. (%)					2.5	8.5	1.9	7.3	24.6	6.4	1.2	2.8	17.4	--
LSD0.10					1.2	1.7	1.9	3.9	0.9	0.30	0.7	1.4	381	--
LSD 0.05					1.5	2.0	2.3	4.7	1.1	0.35	0.8	1.7	455	--

** Please note: This trial was impacted by a hail storm on July 9 (~ end bloom) that caused plant damage that was assessed uniform across trial.

Planting Date = May 10 ; Harvest Date = August 22 ; Previous Crop = Lentils

Data includes only released varieties. Experimental lines are not included. Statistics reflect the entire trial.

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Canola - Roundup Ready Cultivars **Carrington (Page 2 of 2)**

Brand	Cultivar	Status ¹	Oil Type ²	Blackleg	Days to Bloom	Bloom Duration	Days to PM	Plant Height	Plant Lodge	1000 KWT	Test Weight	Oil Content	--- Seed Yield ---	
													2016	3-yr. Avg.
													lb/ac	lb/ac
Dekalb	DKL30-20RR	CA	Trad	R	40.0	15.3	84.8	45.5	3.5	3.98	51.2	47.0	1803	--
Dekalb	DKL38-48RR	CA	Trad	MR	40.5	17.3	87.0	46.2	3.8	4.08	51.2	45.0	1901	2403
Dekalb	DKL70-07RR	CA	Trad	R	41.3	17.8	88.3	45.1	3.3	4.10	51.0	46.5	2153	2678
Dekalb	DKL70-10RR	CA	Trad	R	40.8	16.3	84.5	45.3	3.5	4.11	50.4	44.6	2036	--
Dekalb	DKL70-50CR	CA	Trad	R	40.3	16.5	87.8	42.7	5.5	4.30	50.6	42.2	1697	--
Dekalb	DKL71-14BL	CA	Trad	R	38.8	16.8	82.8	44.9	3.8	3.73	51.3	47.4	2182	--
Mycogen	1020RR	CA	HO	MR	45.5	14.8	89.3	44.6	2.5	3.86	50.5	42.0	1631	2371
Mycogen	1022RR	CA	HO	R	39.0	22.7	90.5	46.7	2.0	3.90	51.6	42.3	1795	--
Mycogen	G5428584H	Exp	HO	R	43.0	16.0	88.0	47.4	2.3	4.23	51.6	44.2	1759	--
Brett Young	6074 RR	CA	Trad	R	42.3	18.3	89.5	47.1	2.5	3.78	51.5	42.5	2138	--
Brett Young	6080 RR	CA	Trad	R	41.3	16.8	88.0	46.3	2.5	3.84	50.4	43.9	1949	--
Brett Young	BY16-768	Exp	Trad	R	40.3	17.5	84.3	47.3	3.3	3.55	49.9	45.4	1823	--
Brett Young	BY15-754	Exp	Trad	R	39.3	16.8	83.5	42.9	4.5	3.80	49.2	42.8	1854	--
Star Specialty Seed	Star 402	CA	Trad	R	39.8	15.8	82.5	44.3	4.0	3.89	49.6	47.8	1735	2590
MEAN					41.3	17.0	86.4	45.6	3.3	3.93	50.7	44.4	1867	--
C.V. (%)					2.5	8.5	1.9	7.3	24.6	6.4	1.2	2.8	17.4	--
LSD0.10					1.2	1.7	1.9	3.9	0.9	0.30	0.7	1.4	381	--
LSD 0.05					1.5	2.0	2.3	4.7	1.1	0.35	0.8	1.7	455	--

** Please note: This trial was impacted by a hail storm on July 9 (~ end bloom) that caused plant damage that was assessed uniform across trial.

Planting Date = May 10 ; Harvest Date = August 22 ; Previous Crop = Lentils

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

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