

**NDSU Carrington Research Extension Center
2012 Variety Trial Data**

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

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 -----	
											2012 ----- lb/ac -----	3-yr. Avg. -----
Proseed	45 Caliber	CA	Trad	49.3	15.8	80.0	46.9	2.30	49.0	39.9	1460	--
Cargill	V12-1	CA	HO	50.8	13.8	80.0	47.2	2.28	50.3	39.3	1456	--
Cargill	v2035	CA	HO	48.5	14.0	77.5	44.5	2.49	51.0	41.7	1681	1997
Cargill	v2045	CA	HO	48.8	14.0	79.5	46.6	2.83	49.9	40.7	1662	--
Pioneer	45H31	CA	Trad	49.3	15.0	79.8	49.5	2.33	51.8	40.7	1843	--
Pioneer	46S53	CA	Trad	51.0	14.0	80.0	47.7	2.35	51.1	41.7	1561	--
Pioneer	45S54	CA	Trad	48.8	14.5	78.5	49.3	2.40	50.2	41.2	1483	--
Mycogen Seeds	Nexera 1012 RR	CA	HO	52.0	14.5	81.0	50.6	2.28	51.3	39.9	1668	--
Mycogen Seeds	Nexera 1016 RR	CA	HO	50.0	13.5	79.0	46.9	2.51	50.9	41.3	1670	--
Croplan Genetics	HyClass 947	CA	Trad	47.3	14.5	78.3	46.4	2.34	50.8	43.1	1766	2076
Croplan Genetics	HyClass 955	CA	Trad	46.5	15.0	77.8	46.5	2.30	50.3	43.2	1880	--
Croplan Genetics	HyClass 988	CA	Trad	49.8	15.8	80.8	47.6	2.34	49.2	41.7	1387	2081
Croplan Genetics	HyClass 930	CA	Trad	46.3	14.8	78.0	43.0	2.28	51.0	44.7	1901	--
Integra	7150 R	CA	Trad	46.0	14.8	77.5	43.7	2.36	51.0	42.6	1708	2114
Integra	7152 R	CA	Trad	47.0	15.0	77.3	40.2	2.59	51.1	41.0	1422	--
Monsanto	G08486	EXP	Trad	48.3	15.3	79.0	42.1	2.44	51.4	41.8	1468	--
Monsanto	G13109	EXP	Trad	48.0	14.5	78.0	42.4	2.38	51.0	42.1	1831	--
Monsanto	G09149	EXP	Trad	48.5	14.0	78.3	44.6	2.19	51.3	42.5	1616	--
Monsanto	G95483	EXP	Trad	47.5	13.8	78.0	43.0	2.20	50.7	43.4	1583	--
Monsanto	G08652	EXP	Trad	48.5	14.3	78.3	44.4	2.28	50.7	43.8	2002	--
Monsanto	G95585	EXP	Trad	47.3	14.3	78.5	43.7	2.31	50.5	44.0	1844	--
Monsanto	G84737	EXP	Trad	48.5	13.8	78.3	44.3	2.44	50.7	42.5	1695	--
Monsanto	G08648	EXP	Trad	47.8	14.3	78.8	42.9	2.16	50.8	42.2	2160	--
Monsanto	G93765	EXP	Trad	47.3	14.8	79.0	43.4	2.24	50.4	43.5	1525	--
MEAN				48.0	14.6	78.7	44.9	2.36	50.6	40.1	1721	--
C.V. (%)				1.0	3.7	1.0	5.3	5.2	1.5	2.7	10.6	--
LSD 0.05				0.6	0.8	1.1	3.4	0.17	1.1	1.5	257	--

Planting Date = May 8; Harvest Date = August 6; Previous Crop = Spring Wheat.

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Canola - Roundup Ready Cultivars

Carrington (Page 2 of 2)

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 -----	
											2012 ----- lb/ac -----	3-yr. Avg. -----
Dekalb	DKL30-03	CA	Trad	43.8	16.5	76.8	41.9	2.28	50.5	44.2	1990	--
Dekalb	DKL30-42	CA	Trad	44.8	15.3	76.8	42.0	2.46	50.9	42.6	1995	2139
Dekalb	DKL55-55	CA	Trad	46.0	15.3	78.5	44.4	2.44	51.0	43.9	2026	--
Dekalb	DKL70-07	CA	Trad	47.8	14.5	78.8	45.0	2.36	50.0	42.1	1976	--
Dekalb	DKL72-55	CA	Trad	46.5	15.0	78.5	43.9	2.56	51.2	42.8	2096	2118
Star Specialty Seed,	Star 402	CA	Trad	46.0	15.3	78.0	45.8	2.35	51.1	44.5	1686	--
BrettYoung	6070RR	CA	Trad	45.8	16.0	79.0	42.7	2.21	48.9	41.5	1704	--
BrettYoung	6040 RR	CA	Trad	50.3	14.0	79.3	45.7	2.34	49.6	41.3	1592	2099
BrettYoung	BY12-054	EXP	Trad	50.3	14.5	80.8	45.4	2.38	49.3	41.2	1648	--
MEAN				48.0	14.6	78.7	44.9	2.36	50.6	40.1	1721	--
C.V. (%)				1.0	3.7	1.0	5.3	5.2	1.5	2.7	10.6	--
LSD 0.05				0.6	0.8	1.1	3.4	0.17	1.1	1.5	257	--

Planting Date = May 8; Harvest Date = August 6; 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.

** Plant lodging scores were recorded, data not reported as all cultivars had similar, very low lodging scores (1.0)