

**NDSU Carrington Research Extension Center
2015 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 -----	
											2015	3-yr. Avg.
Proseed	44 Mag	CA	Trad	49.3	13.8	93.5	38.5	2.95	52.7	46.7	3050	2528
Proseed	300 Mag	CA	Trad	51.0	16.0	96.0	42.0	3.05	53.0	44.9	2578	2446
Proseed	45 Caliber	CA	Trad	49.3	14.5	94.3	38.3	2.96	52.6	46.5	2375	--
Proseed	PS 5000	CA	Trad	53.0	13.3	96.3	43.8	2.94	53.0	45.3	2393	--
Cargill	V12-1	CA	HO	51.8	12.5	95.3	40.1	2.94	52.2	44.7	2768	2434
Cargill	V22-1	CA	HO	52.8	13.3	96.5	43.7	2.85	52.1	44.1	2729	--
Mycogen Seeds	Nexera 1012 RR	CA	HO	57.3	13.8	99.0	48.2	2.70	53.3	43.3	2444	--
Mycogen Seeds	Nexera 1020 RR	CA	HO	55.3	13.5	97.7	45.3	2.83	52.3	42.9	2561	--
Mycogen Seeds	Nexera 1022 RR	CA	HO	57.3	12.5	98.0	48.0	2.98	53.0	43.7	2283	--
DL Seeds	H1508	EXP	Trad	52.8	13.3	96.3	45.5	3.18	51.9	44.1	2293	--
DL Seeds	H1509	EXP	Trad	53.3	12.8	96.5	41.2	2.90	51.8	45.3	2132	--
DL Seeds	H1510	EXP	Trad	54.3	13.5	96.7	47.9	2.78	52.8	44.3	2274	--
Star Specialty Seed	Star 402	CA	Trad	48.5	14.5	93.8	42.4	3.01	52.1	48.0	2699	2454
BrettYoung	6074 RR	CA	Trad	52.5	14.5	97.0	43.2	2.95	53.4	44.2	2653	--
BrettYoung	BY15-975	CA	Trad	51.5	13.8	95.8	42.3	2.93	52.3	45.0	2588	--
BrettYoung	6064 RR	CA	Trad	50.8	14.3	96.0	42.3	3.14	51.8	46.3	2933	--
P3 Hybrids	P3H13005	EXP	Trad	46.3	15.0	93.5	37.9	3.41	52.7	42.7	2571	--
CROPLAN	HyClass 930	CA	Trad	48.8	13.5	93.8	41.1	2.91	52.4	47.1	2859	2364
CROPLAN	HyClass 955	CA	Trad	50.5	13.0	94.3	41.5	3.01	52.5	47.0	2872	2635
CROPLAN	HyClass 970	CA	Trad	52.5	13.3	96.5	41.9	3.13	52.9	45.8	2523	--
CROPLAN	HyClass 972	CA	Trad	53.3	13.8	96.8	43.8	3.11	53.5	44.7	2306	--
Dekalb	DKL38-48	CA	Trad	50.5	14.8	96.0	40.5	2.94	53.4	43.5	2372	2166
Dekalb	DKL70-07	CA	Trad	51.8	15.3	97.0	43.4	2.91	53.1	45.9	2425	2459
MEAN				51.4	13.8	95.4	42.5	3.02	52.7	45.1	2556	--
C.V. (%)				1.8	7.1	1.0	8.1	5.5	0.5	1.5	12.1	--
LSD 0.10				1.1	1.1	1.2	4.0	0.20	0.3	0.8	365	--
LSD 0.05				1.3	1.4	1.4	4.8	0.23	0.4	1.0	436	--

Planting Date = May 4 ; Harvest Date = August 17 ; 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 -----	
											2015	3-yr. Avg.
Dekalb	DKL70-50CR	CA	Trad	50.8	15.8	96.8	44.3	3.26	53.1	44.8	2536	--
Monsanto	74-44BL	EXP	Trad	49.3	14.0	94.5	39.6	2.79	53.0	46.1	2469	--
Monsanto	G28101	CA	Trad	51.0	12.5	94.0	43.3	3.15	53.1	46.2	2383	--
Monsanto	G37965	CA	Trad	50.3	13.5	94.5	41.7	2.99	52.8	43.8	2660	--
Monsanto	G32176	CA	Trad	51.0	14.0	95.5	43.9	3.31	52.7	45.4	2705	--
Monsanto	G49733	CA	Trad	51.0	12.3	94.8	45.3	3.36	53.0	45.0	2654	--
Monsanto	G49738	CA	Trad	50.5	13.3	93.8	40.3	3.18	53.3	44.7	2379	--
Monsanto	G49641	CA	Trad	52.3	13.3	96.3	42.3	2.88	52.7	44.4	2533	--
Monsanto	G49741	CA	Trad	51.5	12.8	95.0	41.6	2.95	53.0	45.1	2485	--
Monsanto	G49720	CA	Trad	50.8	12.5	95.0	41.6	3.38	52.5	44.0	2566	--
Monsanto	G49735	CA	Trad	49.8	14.0	94.0	42.9	2.90	53.0	45.5	2546	--
Monsanto	G35153	CA	Trad	48.3	14.8	93.0	41.0	2.98	52.9	44.4	2616	--
MEAN				51.4	13.8	95.4	42.5	3.02	52.7	45.1	2556	--
C.V. (%)				1.8	7.1	1.0	8.1	5.5	0.5	1.5	12.1	--
LSD 0.10				1.1	1.1	1.2	4.0	0.20	0.3	0.8	365	--
LSD 0.05				1.3	1.4	1.4	4.8	0.23	0.4	1.0	436	--

Planting Date = May 4 ; Harvest Date = August 17 ; 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.