

**NDSU Carrington Research Extension Center  
2014 Variety Trial Data**

**Canola - Roundup Ready Cultivars** **Carrington**

Brand	Cultivar	Status <sup>1</sup>	Oil Type <sup>2</sup>	Days			Plant Height	Plant Lodging	1000 KWT	Test Weight	Oil Content	-- Seed Yield --	
				Oil to Bloom	Bloom Duration	Days to PM						2014	3-yr. Avg.
				inch	0 to 9	gram	lb/bu	% @ 8.5%M	-----	lb/ac	-----		
Nexera	1012 RR	CA	HO	44.0	17.5	89.5	43.9	2.3	2.89	50.4	41.0	2936	--
Nexera	1016 RR	CA	HO	42.5	16.5	89.3	41.7	2.5	2.91	50.2	42.3	2920	--
Nexera	G2537367H	EXP	HO	44.5	16.0	88.5	44.7	1.3	2.73	49.4	41.9	3004	--
CROPLAN	HyCLASS 930	CA	Trad	38.5	17.0	88.3	36.1	3.3	3.48	50.6	45.1	3133	2045
CROPLAN	HyCLASS 955	CA	Trad	39.8	17.0	88.3	41.5	2.5	3.40	50.8	45.4	3437	2304
CROPLAN	HyCLASS 969	CA	Trad	40.5	17.3	87.8	40.2	1.8	3.10	51.4	45.4	3439	--
Cargill	V12-1	CA	HO	44.5	16.3	89.3	42.7	1.5	2.85	50.5	43.2	3226	1996
Cargill	09H7757	CA	Trad	44.3	16.8	89.5	45.2	1.5	2.80	51.2	42.5	3433	--
Cargill	08H0004	CA	HO	47.8	17.3	91.0	45.2	1.3	2.90	50.8	42.3	2818	--
Cargill	09H7763	CA	Trad	42.0	15.5	87.3	40.6	2.5	2.99	50.8	43.5	3673	--
DL Seeds	13DL30507	CA	Trad	43.3	18.5	89.8	42.6	1.5	3.06	50.4	40.9	2197	--
Dekalb	DKL30-03	CA	Trad	34.8	18.3	86.3	38.3	2.5	3.65	50.5	44.2	2855	--
Dekalb	DKL30-42	CA	Trad	38.3	16.5	86.0	37.5	2.5	3.51	50.8	44.4	3133	2140
Dekalb	DKL38-48	CA	Trad	40.3	17.3	87.5	41.1	2.3	3.18	51.4	44.5	2937	--
Dekalb	DKL55-55	CA	Trad	38.5	18.3	88.3	39.9	3.0	3.56	50.5	44.9	3052	2121
Dekalb	DKL70-07	CA	Trad	39.5	18.0	88.5	40.1	2.0	3.20	51.1	44.9	3457	2310
Dekalb	74-54RR	CA	Trad	39.5	18.0	88.3	41.3	1.8	3.75	51.4	45.1	3570	--
Star Specialty Seed	Star 402	CA	Trad	38.0	17.3	88.5	38.1	2.0	3.28	50.5	46.8	3337	2116
Proseed	300 Mag	CA	Trad	39.3	18.3	88.3	39.8	2.0	3.24	51.0	44.5	3363	2074
Proseed	44 Mag	CA	Trad	40.3	17.5	89.3	38.6	2.8	3.26	50.3	45.3	3020	--
Integra	7150	CA	Trad	38.0	17.3	87.5	38.5	2.8	3.38	50.7	44.0	3302	--
MEAN				40.9	17.2	88.3	40.9	2.2	3.21	50.8	44.1	3163	--
C.V. (%)				1.6	5.7	1.0	6.1	30.7	4.2	0.5	2.1	8.1	--
LSD 0.10				0.8	1.2	1.0	2.9	0.8	0.16	0.3	1.1	301	--
LSD 0.05				1.0	1.4	1.2	3.5	0.9	0.19	0.4	1.3	360	--

**Planting Date = May 25; Harvest Date = August 29; Previous Crop = Spring Wheat.**

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

<sup>2</sup> 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.

Seeding rate: 741,000 pure live seeds acre<sup>-1</sup>.

Fertility: Spring soil test: N = 140 lbs; P = 7 ppm; K = 116 ppm; S = 92 lbs; pH = 8.2; O.M. = 2.1%. Fertilizer added: 30 lbs/ac of 21:0:0:24.