

**NDSU Carrington Research Extension Center
2013 Variety Trial Data**

Canola - Roundup Ready Cultivars												Carrington	
Brand	Cultivar	Status ¹	Oil Type ²	Days to Bloom	Bloom Duration	Days to PM	Plant Height	Plant Lodge	1000 KWT	Test Weight	Oil Content	- Seed Yield -	
												2013	3-yr. Avg.
							inch	0 to 9	gram	lb/bu	% @ 8.5%M	---- lb/ac ----	----
Proseed	CS 1	CA	Trad	41.3	19.8	78.0	32.4	0.5	3.09	51.5	42.8	1399	--
Proseed	CD 2	CA	Trad	42.3	19.5	80.5	35.5	0.5	2.70	51.8	42.4	1513	--
Integra	7150	CA	Trad	40.8	20.3	76.8	31.1	1.3	2.93	51.2	44.0	904	1446
Integra	7152	CA	Trad	41.5	19.0	77.0	28.5	0.5	3.15	51.6	42.4	933	1385
Monsanto	G08695	Exp	Trad	43.5	20.0	81.0	37.5	0.3	2.69	51.5	43.0	1153	--
Monsanto	G19275	Exp	Trad	43.3	19.3	81.0	35.4	0.3	2.56	51.2	44.2	1262	--
Monsanto	G29075	Exp	Trad	41.5	20.0	79.8	34.3	0.8	2.75	51.8	42.1	1390	--
Monsanto	G19719	Exp	Trad	43.0	20.0	80.3	39.3	0.0	2.94	52.1	40.6	1433	--
Dekalb	DKL30-42	CA	Trad	40.8	19.8	76.0	32.2	1.3	3.10	52.0	42.1	1292	1683
Dekalb	DKL38-48	CA	Trad	42.0	19.5	77.8	31.0	0.3	2.75	51.9	42.4	1187	--
Dekalb	DKL55-55	CA	Trad	42.0	19.0	78.5	31.8	0.5	2.78	51.2	43.7	1286	1753
Dekalb	DKL70-07	CA	Trad	42.0	19.8	79.8	34.8	0.0	2.89	51.8	42.5	1496	1793
Dekalb	DKL72-40	CA	Trad	43.0	18.8	80.3	38.0	0.5	2.76	51.5	43.5	1006	--
Cargill	V12-1	CA	HO	43.3	18.3	80.5	34.9	1.0	2.79	50.9	42.3	1307	1622
Cargill	V12-2	CA	HO	43.7	17.3	80.7	29.5	0.0	2.78	50.9	41.7	1249	--
Cargill	v2045	CA	HO	41.3	18.7	79.7	34.5	0.3	3.52	51.2	41.9	1232	--
Cargill	v2170	CA	HO	43.8	17.8	81.0	34.8	0.3	2.98	51.8	41.2	1044	--
Mycogen Seeds	Nexera 1012 RR	CA	HO	45.0	19.3	82.8	41.1	0.3	2.44	52.0	39.7	1337	1581
Mycogen Seeds	Nexera 1016 RR	CA	HO	43.8	18.3	79.8	37.2	0.3	2.66	52.4	40.9	1217	--
Mycogen Seeds	G1570046H	Exp	HO	44.3	18.8	80.5	38.4	0.5	2.66	52.3	40.2	1516	--
Mycogen Seeds	G1570048H	Exp	HO	48.0	18.0	82.0	37.7	0.0	2.52	52.5	38.4	911	--
Croplan	HyClass 930	CA	Trad	41.8	19.0	77.5	28.1	0.3	2.76	51.2	45.6	1101	1711
Croplan	HyClass 955	CA	Trad	41.8	19.0	78.5	33.8	0.0	2.89	51.5	44.3	1596	1831
Croplan	HyClass 969	CA	Trad	41.7	20.0	78.0	31.0	0.0	2.75	51.5	43.4	1124	--
Star Specialty Seed	Star 402	CA	Other	42.3	18.8	79.3	33.4	0.0	2.95	51.2	44.7	1326	--
Star Specialty Seed	Star 514	CA	Trad	41.5	19.3	78.3	32.8	1.5	2.80	51.0	44.9	1290	--
MEAN				42.6	19.1	79.3	34.1	0.40	2.83	51.6	42.6	1263	--
C.V. (%)				1.4	4.8	1.6	6.5	174.0	6.4	0.5	1.5	19.8	--
LSD 0.10				0.7	1.1	1.5	2.6	NS	0.21	0.3	0.8	297	
LSD 0.05				0.9	1.3	1.8	3.2	NS	0.25	0.4	0.9	354	--
LSD 0.01				1.1	1.7	2.3	5.3	NS	0.34	0.5	1.2	470	--
# REPS				4	4	4	4	4	4	4	4	4	--

Planting Date = May 17; Harvest Date = August 16; 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.