

**NDSU Carrington Research Extension Center  
2010 Variety Trial Data**

**Canola - Roundup Ready Cultivars**

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Brand	Cultivar	Plant Type <sup>1</sup>	Oil Type <sup>2</sup>	Blackleg Rating <sup>3</sup>	Days to Bloom	Bloom Duration	Days to PM	Plant Lodge	Plant Height	1000 KWT	Test Weight	Oil Content	---- Seed Yield ----	
													2010	3-yr. Avg.
								0 to 9	inch	gram	lb/bu	% @ 8.5%M	-----	lb/ac -----
Pioneer Brand	45H29	Hyb	Trad	R	48.0	21.3	87.8	0.8	50.4	2.78	52.2	46.0	2737	--
Pioneer Brand	45S51	Hyb	Trad	R	47.5	21.5	89.0	1.0	44.0	2.90	52.5	45.5	2543	--
Pioneer Brand	45H28	Hyb	Trad	R	46.0	21.3	87.8	1.3	45.0	2.63	52.4	46.8	2733	2294
Cargill	v2035	Hyb	HO	R	47.3	20.8	86.8	0.3	41.2	3.18	52.1	49.0	2409	--
Cargill	v2018	Hyb	HO	MR	48.3	21.3	87.5	0.0	44.9	3.03	52.2	45.9	2283	2100
Cargill	v2030	Hyb	HO	MR	49.0	22.0	89.3	0.5	48.3	2.96	52.5	45.7	2587	--
Cargill	v1040	Hyb	HO	R	46.5	21.8	87.8	0.3	40.1	3.00	52.1	44.6	2375	--
Proseed	50 Caliber	Hyb	Trad	R	46.0	23.3	87.3	0.0	41.4	2.85	52.4	45.6	2244	2003
Proseed	30 Caliber	Syn	Trad	R	51.0	22.3	91.0	0.5	52.7	2.93	52.6	45.0	2238	2174
Croplan Genetics	HyClass 921	Hyb	Trad	R	45.0	21.8	87.0	0.5	43.1	3.09	52.1	49.0	3120	--
Croplan Genetics	HyClass 940	Hyb	Trad	R	45.5	20.8	86.0	0.5	45.2	3.14	52.1	45.8	2967	2657
Croplan Genetics	HyClass 947	Hyb	Trad	R	46.0	22.3	87.0	0.0	42.9	2.94	51.7	48.1	2545	--
Croplan Genetics	Exp 988	Hyb	Trad	R	47.8	25.3	91.0	0.0	47.6	2.93	51.6	45.0	2911	--
DL Seeds	09DL30418	Hyb	Trad	R	47.8	20.0	87.3	0.3	41.9	2.84	51.8	43.9	2943	--
DL Seeds	30217-C7	Hyb	Trad	R	46.3	20.0	85.8	0.0	44.2	2.96	51.3	46.0	2632	--
DL Seeds	30511-D8	Hyb	Trad	R	45.8	23.3	90.0	0.3	45.8	2.96	52.1	46.5	2989	--
DL Seeds	30512-D8	Hyb	Trad	R	47.3	24.0	89.0	0.3	45.8	2.78	52.2	45.6	2924	--
DL Seeds	09DL90114	Hyb	Trad	R	48.3	23.5	90.0	0.0	44.1	3.30	52.5	45.4	2705	--
DL Seeds	09DL90122	Hyb	Trad	R	48.0	23.5	89.5	0.0	49.5	3.15	52.3	45.1	2874	--
DL Seeds	09DL90210	Hyb	Trad	R	47.5	22.3	88.5	0.0	43.2	3.19	51.8	43.4	2970	--
Monsanto	G86382	Hyb	Trad	R	47.3	20.3	87.5	0.5	42.7	2.96	52.2	47.4	3175	--
Monsanto	G84602	Hyb	Trad	R	46.8	21.0	87.5	0.0	42.0	3.01	51.9	44.8	2997	--
MEAN					46.7	21.5	87.5	0.4	43.9	3.00	52.1	46.4	2720	--
C.V. %					1.4	4.6	1.3	146	6.9	4.4	0.6	2.7	11.3	--
LSD .05					0.9	1.4	1.6	0.7	4.2	0.18	0.4	1.7	428	--

**Planting Date = May 6; Harvest Date = August 11; Previous Crop = Spring Wheat.**

Statistics reflect the entire trial. Specific data for entries of CREC interest may have been removed.

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**Carrington (Page 2 of 2)**

Brand	Cultivar	Plant Type <sup>1</sup>	Oil Type <sup>2</sup>	Blackleg Rating <sup>3</sup>	Days to Bloom	Bloom Duration	Days to PM	Plant Lodge	Plant Height	1000 KWT	Test Weight	Oil Content	---- Seed Yield ----	
													2010	3-yr. Avg.
													% @ 8.5%M	----- lb/ac -----
									0 to 9	inch	gram	lb/bu		
Monsanto	G98059	Hyb	Trad	R	45.5	20.3	86.3	0.5	41.1	2.94	51.8	49.4	2906	--
Monsanto	G89304	Hyb	Trad	R	44.5	19.3	85.0	1.5	36.2	2.95	51.5	48.2	2621	--
Monsanto	G98022	Hyb	Trad	R	46.0	20.0	86.5	0.3	41.3	2.95	51.8	47.3	3012	--
Monsanto	G98073	Hyb	Trad	R	46.8	21.3	87.0	0.0	42.2	3.39	51.9	48.1	2880	--
Monsanto	G98046	Hyb	Trad	R	47.0	21.0	87.3	1.3	46.4	2.98	52.4	46.1	3109	--
Monsanto	G98034	Hyb	Trad	R	47.5	22.0	88.3	0.3	46.7	3.28	52.7	44.9	3050	--
Monsanto	G72818	Hyb	Trad	R	47.5	21.3	89.5	0.0	44.8	3.14	52.4	47.4	3088	--
Monsanto	G88666	Hyb	Trad	R	45.3	20.3	86.5	0.5	42.0	2.93	51.6	49.3	2569	--
Monsanto	G82746	Hyb	Trad	R	45.3	19.5	87.5	0.8	39.5	3.01	51.9	47.4	2621	--
Monsanto	G99894	Hyb	Trad	R	46.5	22.3	88.3	1.0	42.5	2.98	51.8	47.4	3131	--
Dekalb	DKL51-45	Hyb	Trad	R	45.0	18.8	85.5	0.5	40.0	3.01	51.8	47.4	2831	--
Dekalb	DKL72-40	Hyb	Trad	R	46.8	21.5	88.0	0.3	44.9	2.96	52.0	47.1	2682	--
Dekalb	DKL30-42	Hyb	Trad	R	46.5	21.0	85.5	0.3	43.8	3.15	52.2	48.0	2659	2309
Dekalb	DKL72-55	Hyb	Trad	R	42.5	20.3	83.8	0.8	39.6	2.64	51.0	47.7	2485	2433
Integra Fortified Seed	7121R	Hyb	Trad	R	46.3	22.3	87.0	0.3	44.5	2.96	52.1	45.6	2997	--
Integra Fortified Seed	7150R	Hyb	Trad	R	44.8	20.0	85.8	1.5	40.2	3.00	51.6	47.8	2908	--
BrettYoung	6040 RR	Hyb	Trad	R	47.8	21.8	87.3	0.3	46.6	3.04	51.9	45.4	2727	--
BrettYoung	H8111	Hyb	Trad	R	47.5	22.0	87.0	0.3	44.8	2.90	52.8	43.9	2530	--
DL Seeds	30220-D8	Hyb	Trad	R	48.8	23.3	90.5	0.0	47.9	2.98	51.9	43.3	3069	--
MEAN					46.7	21.5	87.5	0.4	43.9	3.00	52.1	46.4	2720	--
C.V. %					1.4	4.6	1.3	146	6.9	4.4	0.6	2.7	11.3	--
LSD .05					0.9	1.4	1.6	0.7	4.2	0.18	0.4	1.7	428	--

**Planting Date = May 6; Harvest Date = August 11; Previous Crop = Spring Wheat.**

\* All canola cultivar trait information referenced is as provided by companies. An 'NP' notation references the information not provided.

<sup>1</sup> Plant type: OP = Open-Pollinated; Hyb = Hybrid; SYN = Synthetic.

<sup>2</sup> Oil type: TR = Traditional oil type; HO = High Oleic oil.

<sup>3</sup> Blackleg rating: R = Resistant; MR = Moderately Resistant.

Statistics reflect the entire trial. Specific data for entries of CREC interest may have been removed.