

**NDSU Carrington Research Extension Center
2019 Variety Trial Data**

Canola - Roundup Ready Cultivars **Carrington**

Brand	Cultivar	Status ¹	Blackleg Resistance ²	Clubroot Resistance ²	Days to Bloom	Bloom Duration	Days to PM	Plant Height inch	Plant Lodge 0 to 9	1000 KWT gram	Test Weight lb/bu	Oil Content % @ 8.5%M	----- Seed Yield -----	
													2019	3-yr. Avg.
Canterra Seeds	CS2100	CA	R	No	44.3	18.0	88.0	41.2	2.0	2.91	52.8	40.5	2474	2383
Canterra Seeds	CS2300	CA	R	No	47.0	18.8	93.3	45.5	6.0	3.29	51.8	41.5	2680	2578
Canterra Seeds	CS2600 CR-T	CA	R	Yes	44.8	18.0	87.8	37.2	4.0	2.75	52.4	41.9	2478	--
Proseed	300 Mag	CA	R	No	45.5	17.8	89.8	44.3	3.5	3.05	51.9	42.4	2400	--
Proseed	PS 5000	CA	R	Yes	45.5	17.3	86.0	42.5	2.3	2.74	52.4	41.8	2095	--
Star Specialty	StarFlex	CA	R	Yes	44.5	17.8	86.8	43.4	4.3	2.64	52.0	42.8	2850	--
Star Specialty	Star 402	CA	R	Yes	43.3	18.5	87.5	43.4	2.3	2.94	51.4	44.6	2524	2410
Brett Young	6074 RR	CA	R	No	46.0	19.3	91.3	45.0	6.0	2.91	52.3	42.1	2179	2394
Brett Young	6090 RR	CA	R	Yes	46.5	17.3	90.5	44.0	3.3	3.19	51.8	41.7	2643	--
Brett Young	4187 RR	CA	R	Yes	48.0	17.8	91.8	50.4	0.5	3.11	51.3	43.6	2903	2577
Pioneer	45CM39	CA	MR	Yes	43.8	18.3	90.5	44.3	2.0	3.18	50.8	44.1	2745	--
Pioneer	45M35	CA	MR	No	45.5	18.8	91.8	45.6	2.3	3.04	51.8	43.9	2934	2551
Croplan	CP930RR	CA	R	No	43.5	18.5	85.3	43.7	0.3	2.70	51.8	43.9	2512	2423
Croplan	CP955RR	CA	R	Yes	44.5	18.3	87.0	47.1	2.0	2.85	52.1	42.6	2235	2348
Croplan	CP9982RR	CA	R	Yes	47.3	18.5	93.0	45.8	4.5	3.10	52.4	40.5	2257	--
Croplan	CP9919RR	CA	R	No	42.8	19.3	85.0	38.7	2.3	2.81	52.0	40.5	1902	--
Croplan	CP9978TF	CA	R	No	43.5	18.5	87.5	40.2	2.3	3.11	52.3	41.5	2613	--
Dekalb	DKTF91SC	CA	R	No	42.8	19.0	85.0	42.0	1.5	3.02	51.7	41.9	2800	--
Dekalb	DKTF92SC	CA	R	No	43.3	18.8	86.3	39.4	1.3	2.91	52.2	41.3	2910	--
Integra	3789RT	CA	R	No	45.3	18.0	89.0	45.9	5.5	3.03	52.8	40.2	2741	--
DL Seeds	D1542	Exp	~~	~~	46.5	17.8	89.3	44.1	6.5	2.63	52.5	40.8	2079	--
DL Seeds	D1574	Exp	~~	~~	47.3	18.3	93.3	45.1	3.3	2.95	51.6	42.5	2954	--
DL Seeds	D1357	Exp	~~	~~	46.3	18.8	92.5	56.8	3.5	2.86	52.0	41.9	2690	--
MEAN					45.1	18.3	88.9	44.1	3.1	2.95	52.0	42.1	2533	--
C.V. (%)					1.2	3.1	2.2	10.5	70	5.7	0.8	2.5	15.6	--
LSD 0.10					0.7	0.7	2.3	5.5	2.6	0.20	0.5	1.2	465	--
LSD 0.05					0.8	0.8	2.7	6.5	3.1	0.24	0.6	1.5	557	--

Planting Date = May 14 ; Harvest Date = August 23 ; Previous Crop = Durum ;

* All hybrids entered in this trial are the 'Traditional' oil type

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

² Disease Resistance: Information as provided by seed companies.