

**NDSU Langdon Research Extension Center  
2023 Variety Trial Data**

**Canola - Roundup Ready - 2023** **Langdon**

Company	Variety	Type <sup>1</sup>	Status <sup>2</sup>	Clubroot Resistance	Blackleg Resistance	Days to 1st Flower	Flower Duration	Days to Mature	Plant Ht	Cover <sup>1</sup>	Oil <sup>2</sup>	Yield <sup>1</sup>		
												2022	2023	2-yr Avg. <sup>3</sup>
												-----lbs/a-----		
BASF	LR354PC	TFLL	CA	Yes	R	47.3	17.0	88.7	54.8	83.3	41.1	--	2344	--
Bayer	DK900TF	TF	CA	Yes	R	41.7	21.0	85.0	52.3	88.3	42.4	--	2757	--
BrettYoung	BY 6211TF	TF	CA	No	R	40.0	21.0	84.7	51.4	86.7	40.4	3295	2515	2905
Canterra Seeds	CS2600 CT-T	TF	CA	Yes	R	39.0	20.7	83.3	50.0	88.3	42.6	2409	2608	2508
Canterra Seeds	CS3000 TF	TF	CA	Yes	R	37.3	22.3	83.0	49.2	85.0	41.6	2929	2578	2754
Canterra Seeds	CS3100 TF	TF	CA	Yes	R	43.0	25.0	92.0	53.2	83.3	42.7	3382	2609	2996
CROPLAN	CP9221TF	TF	CA	Yes	R	38.0	22.0	82.7	46.2	78.3	40.6	--	2412	--
CROPLAN	CP9978TF	TF	CA	No	R	37.7	24.3	85.7	51.0	90.0	41.1	2710	2932	2821
DL Seeds	DL225595TF	TF	Exp	Yes	R	48.3	19.3	94.0	58.8	76.7	41.3	--	2269	--
DL Seeds	DL225634TF	TF	Exp	Yes	R	44.3	21.0	89.0	61.1	88.3	41.6	--	2370	--
Dyna-Gro	DG 760 TC	TF	CA	Yes	R	39.0	21.3	83.0	49.0	90.0	41.7	--	2818	--
Dyna-Gro	DG 781 TCM	TF	CA	Yes	R	42.3	18.0	89.0	52.8	88.3	42.2	--	2526	--
Nuseed	GST210199	TF	Exp	Yes	R	43.7	23.3	89.0	50.1	86.7	41.1	--	2536	--
Nuseed	GST210201	TF	Exp	Yes	R	47.7	21.0	94.3	57.2	90.0	40.3	--	2250	--
Nuseed	GST210351	TF	Exp	Yes	R	39.0	23.3	85.3	49.3	85.0	42.9	--	2553	--
Nuseed	NC155 TF	TF	CA	No	R	38.7	24.7	88.7	52.5	81.7	40.8	2963	2412	2687
Nuseed	NC471 TF	TF	CA	No	R	40.7	21.7	88.7	53.3	65.0	41.8	2360	2072	2216
Nuseed	NC527CR TF	TF	CA	Yes	R	39.0	22.0	85.7	52.1	90.0	41.3	2797	2471	2634
Pioneer	P511G	OptG	CA	Yes	R	43.0	20.7	87.3	54.5	71.7	42.2	--	2391	--
Pioneer	P515G	OptG	CA	Yes	R	40.7	21.0	83.7	50.4	83.3	41.3	--	2551	--
Proseed	TR 23127	TF	CA	Yes	R	42.0	22.3	87.7	52.5	80.0	42.1	--	2709	--
Star	StarFlex	TF	CA	No	R	37.7	25.0	85.7	52.1	91.7	42.7	3149	2676	2913
Trial Mean						41.4	21.7	87.1	52.5	84.2	41.6	3063	2516	--
C.V. %						2.9	6.9	2.4	5.1	10.6	2.3	7	5.1	--
LSD 5%						2.0	2.5	3.5	4.4	14.8	1.6	384	341	--
LSD 10%						1.7	2.0	2.9	3.7	12.3	1.3	320	--	--

Planting Date: May 25

Harvest Date: September 1

<sup>1</sup>All hybrids are traditional oil types. TF-Roundup Ready TruFlex,  
TFLL-Roundup Ready TruFlex-Liberty Link stacked, OptG=Optimum GLY

<sup>2</sup>CA-Commercially available, Exp-Experimental

<sup>3</sup>Has clubroot resistance gene(s).

<sup>4</sup>Blackleg rating provided by the companies.

Previous Crop: Soybean

Soil Type: Svea-Barnes loam

<sup>1</sup> 8.5% Moisture.

<sup>2</sup> % Cover- Visual rating of percent area of plot covered by plant growth. This is a measure of stand and vigor. Plants were at 5-6 leaf stage.

<sup>3</sup>Average of 2022 and 2023 data.

No lodging in trial.