

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

Canola-Clearfield	Langdon
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Company/Brand	Hybrid	Type ¹	Status ²	Blackleg ³	Clubroot		Days	Flower	Days	Plant	Oil ⁶	2023
					Resis. ⁴	Cover ⁵	to 1st Flower	Duration	to Maturity	Height		Yield ⁶
						%		days		inches	%	lb/a
Dyna-Gro	DG 280 CLC	CL	CA	R	Yes	92	44	17	85	51	44.4	2603
Photosyntech	PST SC 0742 CL	CL	CA	MR	N/A	84	50	19	92	59	41.4	2636
Photosyntech	PST SC 1159 CL	CL	CA	MR	N/A	89	53	17	94	60	41.1	2282
Rubisco	RUB378-M	CL	CA	R	N/A	87	43	20	89	55	44.8	3040
Rubisco	RUB368-D	CL	CA	R	N/A	88	39	23	85	51	42.0	2734
	LL Check	LL	CA			85	40	21	86	51	41.6	3279
	RR Check	RR	CA			84	39	22	87	48	42.7	3018
Trial Mean						81	43	20	88	53	42.0	2604
C.V. %						6.2	2.7	5.7	1.8	5.0	1.3	10.6
LSD 5%						7.2	1.7	1.6	2.3	3.8	0.8	397
LSD 10%						6.0	1.4	1.4	1.9	3.1	0.7	329

Planting Date: May 25, Harvest Date: September 1

Previous Crop: Soybean, Soil Type: Svea-Barnes

¹All hybrids are traditional oil types. CL-Clearfield, LL-Liberty Link, TF-Roundup Ready TruFlex

²CA-Commercially available

³Blackleg rating provided by company. ⁴Has clubroot resistance gene(s), N/A- Not available.

⁵% 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.

⁶8.5% Moisture.

No lodging in the trial.