NDSU Langdon Research Extension Center
2026 Variety Trial Data

Canola - Liberty Link - 2026 — **Langdon**

Company/Brand	Variety	Type[1]	Oil Type	Blackleg Rating[2]	Clubroot Resist.[3]	Days to 1st Flower	Flower Duration	Days to Maturity
							days	
BASF InVigor	L346PC	LL	Trad.	R	Yes	43	18	85
BASF InVigor	L342PC	LL	Trad.	R	Yes	43	17	91
BASF InVigor	LR347PC	TFLL	Trad.	R	Yes	43	19	87
BASF InVigor	L330PC	LL	Trad.	R	Yes	40	19	82
BASF InVigor	L333PC	LL	Trad.	R	Yes	43	17	87
BASF InVigor	L340PC	LL	Trad.	R	Yes	43	16	83
BASF InVigor	L343PC	LL	Trad.	R	Yes	43	17	84
BASF InVigor	L345PC	LL	Trad.	R	Yes	43	17	84
BASF InVigor	L355PC	LL	Trad.	R	Yes	43	18	88
BASF InVigor	LR354PC	TFLL	Trad.	R	Yes	43	17	90
BrettYoung	BY 7204LL	LL	Trad.	R	Yes	43	19	87
BrettYoung	BY 7206LL	LL	Trad.	R	Yes	43	21	86
CANTERRA SEEDS	CS4100 LL	LL	Trad.	R	Yes	41	20	83
CANTERRA SEEDS	CS4200 LL	LL	Trad.	R	Yes	43	20	90
DEKALB	DK400TL	TFLL	Trad.	R	Yes	39	21	84
DEKALB	DK401TL	TFLL	Trad.	R	Yes	39	21	84
DEKALB	DK801LL	LL	Trad.	R	Yes	40	21	86
Dyna-Gro	DG 664 LCN	LL	Trad.	R	Yes	43	21	93
Pioneer	P1540L	LL	Trad.	R	Yes	41	18	85
CROPLAN	CP7250LL	LL	Trad.	R	Yes	43	20	89
CROPLAN	CP7500LL	LL	Trad.	R	Yes	43	19	86
Trial Mean						42.0	18.9	85.5
LSD 10%						0.5	1.0	2.4
C.V.						1.4	5.8	3.1

Planting Date: May 29

Harvest Date: September 10

Previous Crop: Soybean

Soil Type: Svea-Barnes loam

[1]LL-Liberty Link, TFLL-Roundup Ready Truflex- Liberty Link stacked.

[2]Blackleg rating provided by company

[3]Has clubroot resistance gene(s), reported by the company

2026 canola trials were affected by crusting at emergence, dry conditions during reproduction stages and heavy winds prior to harvest.

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2026 Variety Trial Data

Canola - Liberty Link - 2026 **Langdon**

Company/Brand	Variety	Plant Height	Cover[1]	Vigor[2]	Oil[3]	Yield 2024	Yield 2025	Yield 2026	2-yr Avg.	3-yr Avg.
		inches	%	1 - 5	%	---lbs/ac---	---lbs/ac---	---lbs/ac---		
BASF InVigor	L346PC	51.9	75.9	2.9	44.6	--	--	2338.6	--	--
BASF InVigor	L342PC	48.8	81.7	3.1	45.7	--	--	2587.4	--	--
BASF InVigor	LR347PC	51.7	70.8	2.5	44.6	--	--	2385.6	--	--
BASF InVigor	L330PC	50.8	86.5	3.3	43.4	--	3519.8	2608.5	3064.1	--
BASF InVigor	L333PC	53.4	79.7	3.3	43.2	3110.2	4002.6	1803.3	2902.9	2972.0
BASF InVigor	L340PC	50.8	81.0	3.5	43.6	3406.0	3630.2	1933.9	2782.0	2990.0
BASF InVigor	L343PC	49.4	85.9	3.4	44.4	3303.8	3791.1	2200.9	2996.0	3098.6
BASF InVigor	L345PC	52.6	84.3	2.7	44.2	3390.8	3932.9	2628.4	3280.6	3317.4
BASF InVigor	L355PC	52.3	88.1	3.0	46.8	--	3650.0	2657.6	3153.8	--
BASF InVigor	LR354PC	53.9	93.6	3.1	46.2	3186.0	--	2235.1	2710.6	--
BrettYoung	BY 7204LL	51.8	67.2	2.5	46.5	2805.0	3343.5	1802.2	2572.9	2650.2
BrettYoung	BY 7206LL	53.2	73.1	2.8	46.3	--	3387.8	2196.8	2792.3	--
CANTERRA SEEDS	CS4100 LL	50.2	78.5	2.8	46.7	2822.2	3495.4	2404.4	2949.9	2907.3
CANTERRA SEEDS	CS4200 LL	53.5	88.9	2.8	46.8	--	--	2482.3	--	--
DEKALB	DK400TL	50.0	73.1	2.7	45.2	3047.9	3097.8	2321.9	2709.9	2822.5
DEKALB	DK401TL	49.9	69.6	2.4	46.0	--	3746.0	2263.3	3004.7	--
DEKALB	DK801LL	49.5	73.1	2.7	44.7	--	3431.5	2063.1	2747.3	--
Dyna-Gro	DG 664 LCN	51.9	73.1	2.5	45.9	--	--	2325.1	--	--
Pioneer	P1540L	50.3	76.8	2.7	45.4	--	--	2345.7	--	--
CROPLAN	CP7250LL	50.2	71.7	2.3	45.2	2432.5	2774.5	2137.6	2456.1	2448.2
CROPLAN	CP7500LL	49.5	65.6	2.5	46.3	--	3387.0	1786.6	2586.8	--
Trial Mean		51.0	77.8	2.8	45.2	2911.7	3358.3	2221.9		
LSD 10%		2.2	7.1	0.5	0.6	325.7	398.9	388.2		
C.V.		4.8	10.0	18.9	1.5	9.5	10.1	19.1		

Planting Date: May 29

Harvest Date: September 10

Previous Crop: Soybean

Soil Type: Svea-Barnes loam

[1] % Cover- Visual rating of stand establishment.

[2] Vigor - Visual rating of early growth at 4 weeks after planting (5 = best).

[3] Determined at 8.5% moisture

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