

**NDSU Langdon Research Extension Center  
2020 Variety Trial Data**

**Canola - Liberty Link, Clearfield, Conventional - 2020- Table 1** **Langdon**

Company/Brand	Variety	Type <sup>1</sup>	Status <sup>3</sup>	Blackleg Rating <sup>2</sup>	Club root Resist. <sup>5</sup>	Days to 1st Flower	Days to End Flower	Flower Duration	Days to Maturity
BrettYoung	BY19-6284CL	CL	Exp	R	Yes	42	62	21	91
Dyna-Gro	DG 200 CL	CL	CA	R	No	44	67	23	93
Canterra Seeds	CS2500 CL	CL	CA	R	No	40	59	19	90
Canterra Seeds	CS2700 CL	CL	Exp	R	Yes	44	68	23	93
Photosyntech	PST SCI 226 CL	CL	CA	MR	No	50	72	22	93
Pioneer	P502CL	CL	CA	R	No	38	57	19	88
Photosyntech	NCC101S	Conv	CA	MR	No	38	56	18	83
Photosyntech	PST SCJ 701	Conv	CA	MR	No	43	67	24	93
BASF	InVigor L233P	LL	CA	R	No	39	57	18	87
BASF	InVigor L234PC	LL	CA	R	Yes	39	57	18	86
BASF	InVigor L255PC	LL	CA	R	Yes	42	64	21	91
BASF	InVigor L345PC	LL	CA	R	Yes	41	64	22	92
BASF	InVigor L340PC	LL	CA	R	Yes	41	64	23	92
BASF	InVigor L357P	LL	CA	R	No	43	66	24	92
BASF	InVigor LR344PC	LL	CA	R	Yes	40	61	21	91
Dekalb	DKLL82SC	LL	CA	R	No	38	58	20	89
Pioneer	P501L	LL	CA	R	Yes	41	63	23	92
Dekalb	DKTFLL21SC	TF/LL	CA	R	No	39	59	20	89
Canterra Seeds <sup>4</sup>	CS2300	RR	CA	R	No	44	69	25	92
CROPLAN <sup>4</sup>	CP955RR	RR	CA	R	Yes	39	60	21	88
Trial Mean						41.0	62.5	21.5	89.9
C.V. %						2.6	2.2	7.6	1.0
LSD 5%						1.5	1.9	2.3	1.2
LSD 10%						1.3	1.6	1.9	1.0

Planting Date: May 27

Harvest Date: September 10

<sup>1</sup>All varieties are hybrids and traditional oil type. LL-Liberty Link, CL-Clearfield, RR-Roundup Ready TF-Triflex, Conv-Conventional.

<sup>2</sup>Blackleg Rating: MR-Moderately Resistant, R-Resistant.

Ratings provided by the company.

<sup>3</sup>Status: CA-Commercially available, EXP-Experimental

<sup>4</sup>Roundup Ready check variety.

<sup>5</sup>Has clubroot resistance gene.

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**Canola - Liberty Link, Clearfield, Conventional - 2020- Table 2**

**Langdon**

Company/Brand	Variety	Type	Plant Height inches	LGD 0-9	Cover <sup>2</sup> %	Oil <sup>1</sup> %	Yield <sup>1</sup>				
							2018	2019	2020	2yr Avg.	3yr Avg.
BrettYoung	BY19-6284CL	CL	48	5.0	66	42.4	--	--	2603	--	--
Dyna-Gro	DG 200 CL	CL	47	6.8	75	41.0	3448	3216	2644	2930	3103
Canterra Seeds	CS2500 CL	CL	48	5.0	75	42.3	3563	3234	2665	2949	3154
Canterra Seeds	CS2700 CL	CL	49	4.0	68	42.6	--	--	2722	--	--
Photosyntech	PST SCI 226 CL	CL	54	0.3	74	41.1	--	--	2653	--	--
Pioneer	P502CL	CL	46	5.3	83	43.4	--	--	2887	--	--
Photosyntech	NCC101S	Conv	41	5.0	89	40.3	--	--	2812	--	--
Photosyntech	PST SCJ 701	Conv	50	6.3	78	39.2	--	--	2571	--	--
BASF	InVigor L233P	LL	43	5.8	88	42.0	3198	3528	3565	3547	3430
BASF	InVigor L234PC	LL	48	6.0	89	41.6	--	3394	3195	3295	--
BASF	InVigor L255PC	LL	47	4.8	79	43.5	3749	3937	2961	3449	3549
BASF	InVigor L345PC	LL	51	6.3	88	40.6	--	3947	3135	3541	--
BASF	InVigor L340PC	LL	46	5.3	85	40.9	--	--	3414	--	--
BASF	InVigor L357P	LL	46	5.5	80	39.9	--	--	3031	--	--
BASF	InVigor LR344PC	LL	50	6.5	91	41.4	--	--	3020	--	--
Dekalb	DKLL82SC	LL	42	4.5	80	42.2	--	--	3169	--	--
Pioneer	P501L	LL	46	5.5	79	43.0	--	--	3066	--	--
Dekalb	DKTFLL21SC	TF/LL	45	4.8	69	42.2	--	--	3327	--	--
Canterra Seeds <sup>3</sup>	CS2300	RR	51	4.5	64	42.1	--	--	2745	--	--
CROPLAN <sup>3</sup>	CP955RR	RR	44	5.5	70	44.0	3477	3469	2932	3201	3293
Trial Mean			46.8	5.2	78.3	41.7	3322	3432	2881	--	--
C.V. %			6.6	18.4	10.7	1.4	6.3	8.2	8.2	--	--
LSD 5%			4.3	1.3	11.7	0.8	294	396	331	--	--
LSD 10%			3.6	1.1	9.8	0.7	245	331	277	--	--

<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> Roundup ready check variety.