

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

**Canola - Roundup Ready - 2020- Table 1**

**Langdon**

Company	Variety	Type <sup>1</sup>	Status <sup>2</sup>	Clubroot Resistance <sup>3</sup>	Blackleg Resistance <sup>4</sup>	Days to 1st Flower	Days to End Flower	Flower Duration	Days to Mature
BrettYoung	6090 RR	RR	CA	Yes	R	45	69	24	93
BrettYoung	BY 6204TF	TF	CA	Yes	R	42	68	27	93
Canterra Seeds	CS2100	RR	CA	No	R	40	63	23	91
Canterra Seeds	CS2300	RR	CA	No	R	43	70	27	93
Canterra Seeds	CS2600 CR-T	TF	CA	Yes	R	39	59	20	88
CROPLAN	CP930RR	RR	CA	No	R	36	56	20	84
CROPLAN	CP955RR	RR	CA	Yes	R	39	60	22	89
CROPLAN	CP9919RR	RR	CA	No	R	38	56	19	84
CROPLAN	CP9978TF	TF	CA	No	R	39	60	21	90
CROPLAN	CP9982RR	RR	CA	Yes	R	44	70	26	95
Dekalb	DKTF96SC	TF	CA	No	R	41	66	25	91
Dyna-Gro	DG 760TM	TF	Exp	No	R	38	58	20	86
Dyna-Gro	DG 761TM	TF	Exp	No	R	40	63	24	92
Integra	7361RC	TF	CA	Yes	R	39	60	21	90
Nuseed	NC355 TF	TF	EXP	No	R	42	65	24	92
Nuseed	NC401 TF	TF	CA	No	R	40	64	24	92
Pioneer Brand	45CM39	RR	CA	Yes	R	39	58	19	90
Proseed	EXP#TF1	TF	Exp	No	R	44	69	25	93
Star Specialty	StarFlex	TF	CA	No	R	39	62	24	92
Trial Mean						40.3	62.9	22.6	90.3
C.V. %						1.5	2.6	6.9	1.2
LSD 5%						0.9	2.3	2.2	1.5
LSD 10%						0.8	1.9	1.8	1.3

Planting Date: May 27.

Harvest Date: September 10

<sup>1</sup>All varieties are Hybrids and Traditional Oil Type. RR-Roundup Ready, TF-Roundup Ready TruFlex

<sup>2</sup>Status: CA-Commercially available, EXP-Experimental

<sup>3</sup> Has clubroot resistance gene.

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

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**Canola - Roundup Ready - 2020 - Table 2** **Langdon**

Company	Variety	Plant		Cover <sup>2</sup>	Oil <sup>1</sup>	Yield <sup>1</sup>			2-yr Avg.	3-yr Avg.
		Ht	Lodging			2018	2019	2020		
		in	0-9	%	%	-----lbs/a-----				
BrettYoung	6090 RR	49	5.5	88	41.2	3214	3986	3478	3732	3559
BrettYoung	BY 6204TF	44	5.0	83	43.0	--	--	2870	--	--
Canterra Seeds	CS2100	44	6.6	87	42.0	3312	3971	3206	3589	3496
Canterra Seeds	CS2300	50	4.6	81	42.1	3382	4273	2938	3606	3531
Canterra Seeds	CS2600 CR-T	46	6.5	83	42.2	--	4003	3325	3664	--
CROPLAN	CP930RR	46	5.3	90	41.5	3189	3710	3381	3546	3427
CROPLAN	CP955RR	46	6.1	88	42.7	3161	3837	2954	3396	3317
CROPLAN	CP9919RR	42	6.1	86	42.2	--	3477	3325	3401	--
CROPLAN	CP9978TF	44	5.9	85	41.6	--	4060	3543	3802	--
CROPLAN	CP9982RR	49	3.1	98	42.7	--	4136	3276	3706	--
Dekalb	DKTF96SC	47	5.6	96	43.0	--	--	2830	--	--
Dyna-Gro	DG 760TM	45	5.0	96	42.3	--	--	3307	--	--
Dyna-Gro	DG 761TM	50	5.1	92	43.0	--	--	3013	--	--
Integra	7361RC	45	6.6	93	41.2	--	--	3249	--	--
Nuseed	NC355 TF	46	6.1	88	41.6	--	--	3157	--	--
Nuseed	NC401 TF	48	5.6	88	42.7	--	--	3552	--	--
Pioneer Brand	45CM39	46	5.4	92	43.2	--	4274	3159	3716	--
Proseed	EXP#TF1	44	5.8	47	42.5	--	--	3016	--	--
Star Specialty	StarFlex	44	5.6	96	42.7	--	3874	3076	3475	--
Trial Mean		46.0	5.5	87.3	42.3	3198	3931	3209	--	--
C.V. %		7.2	13.7	8.2	2.4	6.6	5.1	8.4	--	--
LSD 5%		4.7	1.1	10.3	1.5	297	285	384	--	--
LSD 10%		3.9	0.9	8.5	1.2	248	238	320	--	--

<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.