

**NDSU Langdon Research Extension Center**  
**2017 Variety Trial Data**

**Canola - Roundup Ready - 2017- Table 1**

**Langdon**

Company	Variety	Type <sup>1</sup>	Status <sup>2</sup>	Clubroot Resistance <sup>3</sup>	Blackleg Resistance <sup>4</sup>	Days	Days	Days	
						to 1st Flower	to End Flower	Flower Duration	to Mature
BrettYoung	6074 RR	TR	CA	No	R	48	70	22	99
BrettYoung	6076 CR	TR	CA	Yes	R	48	69	21	99
BrettYoung	6080 RR	TR	CA	No	R	47	65	19	96
BrettYoung	6086 CR	TR	CA	Yes	R	48	67	19	99
BrettYoung	BY17-6185	TR	Exp	Yes	R	50	69	19	99
BrettYoung	BY17-6189	TR	Exp	Yes	R	51	71	20	102
BrettYoung	4187 RR	TR	CA	Yes	R	52	71	20	102
BrettYoung	4157 RR	TR	CA	Yes	R	52	71	19	101
Canterra	CS2000	TR	CA	Yes	R	48	66	19	96
Canterra	CS2100	TR	CA	No	R	46	66	19	97
Canterra	CS2300	TR	CA	No	R	49	71	22	101
Cargill	15RH1142	TR	Exp	Yes	R	49	70	21	100
Cargill	15RH1167	TR	Exp	Yes	R	50	70	20	100
Croplan	HyCLASS 930	TR	CA	No	R	45	64	19	96
Croplan	HyCLASS 955	TR	CA	Yes	R	46	64	18	96
Croplan	HyCLASS 970	TR	CA	No	R	48	68	20	97
Dekalb	DKL 35-23	TR	CA	No	MR	46	66	20	95
Dekalb	DKL 70-10	TR	CA	No	R	47	67	20	96
Dekalb	DKL 71-14BL	TR	CA	No	R	45	65	20	95
DuPont Pioneer	45M35	TR	CA	No	R	48	68	20	97
DuPont Pioneer	45CS40	TR	CA	Yes	R	48	69	21	99
DuPont Pioneer	45CM36	TR	CA	Yes	R	47	68	21	99
Dyna-Gro	DG 533G	TR	CA	No	R	48	70	21	98
Dyna-Gro	DG 540G	TR	Exp	No	R	49	70	21	100
Integra	7150	TR	CA	No	R	45	63	19	96
Integra	7257	TR	CA	No	R	47	66	20	96
Monsanto	G15P9374	TR	Exp	Yes	R	49	68	19	96
Mycogen	1022 RR	HO	CA	No	R	52	71	19	102
Mycogen	1024 RR	HO	CA	Yes	R	52	71	19	102
Mycogen	G6667223H	HO	Exp	Yes	R	50	70	20	100
Proseed	300 Mag	TR	CA	No	R	47	68	21	99
Proseed	PS 5000	TR	CA	Yes	R	46	64	18	96
Star	Star 402	TR	CA	No	R	45	64	19	98
Victory/Cargill	V12-3	HO	CA	Yes	R	49	68	19	100
Victory/Cargill	V14-1	HO	CA	Yes	R	51	70	20	101
Trial Mean						48.1	67.7	19.6	98.4
C.V. %						1.8	1.9	6.5	1.1
LSD 5%						1.2	1.8	1.8	1.5
LSD 10%						1.0	1.5	1.5	1.2

Planting Date: May 15. Harvest Date: September 5

<sup>1</sup>All varieites are Hybrids. TR-Traditional Oil Type, HO-High Oleic Oil Type

<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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**2017 Variety Trial Data**

<b>Canola - Roundup Ready - 2017 - Table 2</b>										<b>Langdon</b>
Company	Variety	Plant		Cover <sup>2</sup>	Oil <sup>1</sup>	Yield <sup>1</sup>			Ave. Yield	
		Ht	Lodging			2015	2016	2017	2	3
		in	0-9	%	%	-----lbs/a-----				
BrettYoung	6074 RR	48	0	75	50.4	3721	2679	3949	3314	3450
BrettYoung	6076 CR	52	0.3	71	49.6	--	2727	3919	3323	--
BrettYoung	6080 RR	45	0.2	70	49.4	--	2791	3404	3097	--
BrettYoung	6086 CR	46	1.8	70	49.2	--	--	3897	--	--
BrettYoung	BY17-6185	55	0.7	63	49.2	--	--	3590	--	--
BrettYoung	BY17-6189	51	0	66	50.3	--	--	3802	--	--
BrettYoung	4187 RR	54	0	74	49.8	--	--	4257	--	--
BrettYoung	4157 RR	55	0	78	49.3	--	--	4034	--	--
Canterra	CS2000	48	1.6	74	49.1	--	2529	3788	3158	--
Canterra	CS2100	45	0.8	77	50.5	--	2752	3959	3356	--
Canterra	CS2300	53	0	74	49.9	--	--	4430	--	--
Cargill	15RH1142	49	0	76	49.2	--	--	3996	--	--
Cargill	15RH1167	50	0	78	48.9	--	--	3944	--	--
Croplan	HyCLASS 930	41	1.3	63	52.2	3601	2910	3676	3293	3396
Croplan	HyCLASS 955	41	1.7	67	51.8	3848	2717	3575	3146	3380
Croplan	HyCLASS 970	47	0.3	64	51.3	3471	2938	3643	3291	3351
Dekalb	DKL 35-23	48	1.7	70	49.8	--	--	3356	--	--
Dekalb	DKL 70-10	45	0.7	72	49.2	3759	2917	3853	3385	3510
Dekalb	DKL 71-14BL	42	1.2	70	51.2	--	3156	3656	3406	--
DuPont Pionner	45M35	49	0.5	86	51.9	--	--	4583	--	--
DuPont Pionner	45CS40	47	0.8	65	49.7	--	2735	3510	3123	--
DuPont Pionner	45CM36	45	0.3	74	52.0	--	--	4303	--	--
Dyna-Gro	DG 533G	48	0	73	49.3	--	2579	3951	3265	--
Dyna-Gro	DG 540G	46	0.5	74	49.5	--	--	4165	--	--
Integra	7150	42	1.4	71	52.4	3781	2653	3580	3116	3338
Integra	7257	49	0.8	79	50.9	--	2711	4144	3428	--
Monsanto	G15P9374	44	1.1	70	49.1	--	--	4198	--	--
Mycogen	1022 RR	49	0	71	49.2	3174	2254	3899	3076	3109
Mycogen	1024 RR	53	0	66	49.5	--	--	3391	--	--
Mycogen	G6667223H	51	0	76	51.6	--	--	3823	--	--
Proseed	300 Mag	47	1.4	68	50.0	3618	2549	4119	3334	3429
Proseed	PS 5000	46	2	74	48.9	3747	2518	3725	3122	3330
Star	Star 402	45	0.3	69	53.2	3749	2649	4155	3402	3518
Victory/Cargill	V12-3	48	1.3	73	48.9	--	2865	3824	3345	--
Victory/Cargill	V14-1	52	0	77	49.0	--	--	3979	--	--
Trial Mean		47.6	0.7	70.7	50.3	3606	2584	3868	--	--
C.V. %		7.84	114	15.6	1.7	7.3	10.1	9.4	--	--
LSD 5%		5.23	1.1	NS	1.2	367	367	512	--	--
LSD 10%		4.38	0.9	NS	1.0	308	307	428	--	--

<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.