

**NDSU North Central Research Extension Center
2017 Roundup Ready Canola Variety Trial**

Company	Variety	Days to Bloom	Bloom Duration	Days to Maturity	Plant Height	Oil Content	Seed Yield				
		DAP ¹	days	DAP ¹	inches	%	2015	2016	2017	2 year	3 year
							pounds / acre				
Cargill	V12-3	47	21	83	43	49.0	--	3156	2213	2684	--
Cargill	V14-1	48	20	85	46	49.6	--	--	1751	--	--
Dekalb	DKL 35-23	43	24	83	42	51.2	--	--	2445	--	--
Dekalb	DKL 70-10	44	21	82	43	50.1	2551	3603	1826	2714	2660
Dekalb	DKL 71-14BL	43	22	83	41	52.5	--	3017	2399	2708	--
Dekalb	DKL 75-42CR	47	19	84	42	51.3	--	--	1654	--	--
Proseed	300 Mag	44	23	83	42	49.8	2640	3604	1734	2669	2659
Proseed	PS 5000	44	22	81	47	50.0	2519	2779	1832	2306	2377
Dyna-Gro	DG 533G	47	21	84	45	50.3	--	3923	2209	3066	--
Integra	7150	43	22	82	41	52.4	2027	3245	2011	2628	2428
Integra	7257	43	22	81	42	45.6	--	3400	1901	2650	--
CROPLAN	HyCLASS 930	42	23	83	41	52.4	2338	3234	2423	2828	2665
CROPLAN	HyCLASS 955	43	22	83	41	52.4	2270	3111	2298	2704	2560
CROPLAN	HyCLASS 970	44	23	87	46	52.0	2657	3684	2147	2916	2830
Mycogen	1022 RR	50	20	93	48	49.4	1720	2629	1643	2136	1997
Mycogen	1024 RR	49	20	91	44	51.6	--	--	1972	--	--
BrettYoung	6074 RR	49	21	88	45	48.4	2444	3106	1932	2519	2494
BrettYoung	6076 CR	46	23	88	51	48.9	--	--	1811	--	--
BrettYoung	6080 RR	46	22	87	44	49.2	--	3435	1915	2675	--
BrettYoung	6086 CR	49	20	87	46	49.3	--	--	1747	--	--
Star	Star 402	44	22	84	44	53.9	--	--	1985	--	--
Canterra	CS2000	47	21	82	48	47.1	--	3162	1548	2355	--
Canterra	CS2100	45	22	85	45	49.6	--	3515	1919	2717	--
Canterra	CS2300	48	22	87	49	51.2	--	--	1933	--	--
Trial Mean		46	21	85	45	49.9	2324	3148	1883	--	--
C.V.%		2.4	4.8	2.2	4.4	3.5	7.2	9.5	18.0	--	--
LSD 5%		2	2	3	3	2.8	234	487	551	--	--
LSD 10%		2	1	3	3	2.4	196	407	460	--	--

¹ DAP = Days after planting.

Trial was planted on May 2 with a seeding rate of 8 lbs/A and harvested on August 19.

Previous Crop: 2014 = durum, 2015 = HRSW, 2016 = soy.

Tillage: Minimum till.

Soil Type: Williams Loam

Oil content and seed yields are adjusted to 8.5% moisture.