

2018 Roundup Ready Canola Variety Trial

North Central Research Extension Center - Minot

Company	Variety	Days to Bloom	Bloom Duration	Days to Maturity	Plant Height	Oil Content	Seed Yield				
		DAP ¹	days	DAP ¹	inches	%	2016	2017	2018	2 yr	3 yr
							----- pounds / acre -----				
Canterra	CS2100	45	24	89	40	39.1	3515	1919	2710	2314	2715
Canterra	CS2300	47	22	93	45	40.3		1933	2186	2060	
Dekalb	DKL 71-14BL	43	22	88	36	40.0	3017	2399	2284	2342	2567
Dekalb	DKL 70-10	43	22	87	39	39.6	3603	1826	1946	1886	2458
Dekalb	DKL 35-23	43	21	86	35	40.1		2445	2040	2243	
Dekalb	DKL 75-42CR	46	22	88	40	40.6		1654	1903	1779	
Dyna-Gro	DG 533G	46	23	88	39	39.8	3923	2209	1843	2026	2658
Dyna-Gro	DG 540G	47	21	89	42	40.8			1829		
Integra	7257	44	23	86	34	40.3	3400	1901	2321	2111	2541
Integra	7150	44	22	88	36	41.2			2126		
Proseed	300 Mag	46	23	91	41	41.7	3604	1734	2328	2031	2555
Proseed	PS 5000	45	21	87	41	40.6	2779	1832	2086	1959	2232
Star	Star 402	44	22	88	40	42.7		1985	2453	2219	
BrettYoung	6074 RR	45	23	88	41	41.1	3106	1932	2708	2320	2582
BrettYoung	6090 RR	49	21	89	50	40.0			2458		
BrettYoung	4187 RR	48	19	89	44	41.1			2391		
Croplan	HyCLASS 930	43	22	88	37	42.1	3234	2423	2672	2548	2776
Croplan	HyCLASS 955	43	22	88	34	40.9	3111	2298	2414	2356	2608
Croplan	HyCLASS 730	43	22	87	36	41.7			2510		
Trial Mean		45	22	88	40	40.7	3148	1883	2313	--	--
C.V.%		2.3	5.7	1.2	4.5	1.1	9.5	18.0	16.6	--	--
LSD 5%		2	2	2	3	0.7	487	551	629	--	--
LSD 10%		1	2	1	3	0.6	407	460	525	--	--

¹ DAP = Days after planting.

Trial was planted on May 11 with a seeding rate of 8 lbs/A and harvested on August 22.

Previous Crop: 2015 = HRSW, 2016 & 2017 = soy.

Tillage: Minimum till.

Soil Type: Williams Loam

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