

Roundup Ready Canola Variety Trial at Minot

Company	Variety	Days to Bloom		Days to Plant		Oil Content	Seed Yield					
		Bloom	Duration	Maturity	Height		Lodging	--Average--				
		DAP ¹	days	DAP ¹	inches		0-9 ²	%	2014	2015	2016	2 year
							pounds / acre					
CROPLAN	HyCLASS 930	41	21	86	44	0	49.8	2606	2338	3234	2786	2726
CROPLAN	HyCLASS 955	40	21	84	48	1	47.8	2886	2270	3111	2690	2756
CROPLAN	HyCLASS 970	42	19	89	49	0	47.6	--	2657	3684	3170	--
CROPLAN	HyCLASS 972	43	22	86	53	1	46.0	--	2442	3090	2766	--
Nuseed	GT50	40	22	86	43	2	44.3	--	--	3076	--	--
Nuseed	NCH13G046	41	23	86	47	4	42.6	--	--	3256	--	--
Cargill	V12-1	44	20	89	49	2	46.7	2461	2363	3092	2728	2639
Cargill	V12-3	43	21	90	50	1	46.7	--	--	3156	--	--
Cargill	V22-1	43	22	89	48	2	44.6	--	2166	2484	2325	--
DL Seeds	H1509	41	22	89	50	3	45.0	--	1831	3211	2521	--
DL Seeds	H1614	41	20	84	47	1	45.8	--	--	3071	--	--
DL Seeds	H1620	42	22	87	47	1	45.2	--	--	3116	--	--
BrettYoung	6074 RR	42	23	89	48	2	47.5	--	2444	3106	2775	--
BrettYoung	6080 RR	41	22	87	44	1	45.6	--	--	3435	--	--
BrettYoung	BY16-768	42	21	88	46	1	47.5	--	--	2125	--	--
BrettYoung	BY15-754	42	20	87	44	2	46.0	--	--	3151	--	--
Dekalb	DKL70-07	42	20	87	47	0	46.6	2610	2455	2984	2720	2683
Dekalb	DKL70-10	42	21	89	49	1	45.0	--	2551	3603	3077	--
Dekalb	DKL70-50CR	42	21	88	51	1	47.2	--	2775	3477	3126	--
Dekalb	DKL71-14BL	40	22	88	48	2	48.4	--	--	3017	--	--
Dekalb	DKL38-48	41	21	88	49	3	46.2	2671	2381	3766	3074	2939
Dekalb	DKL30-20	41	19	84	53	2	47.5	--	2352	2895	2624	--
Proseed	300 Mag	41	21	86	48	2	48.3	2885	2640	3604	3122	3043
Proseed	PS 5000	41	21	87	47	2	45.5	--	2519	2779	2649	--
Canterra	CS2000	42	21	88	47	1	46.6	--	--	3162	--	--
Canterra	CS2100	42	21	88	46	1	46.5	--	--	3515	--	--
Integra	7150RR	41	21	87	49	1	48.3	--	2027	3245	2636	--
Integra	7257RR	41	22	82	45	1	46.2	--	--	3400	--	--
Dyna-Gro	DG533G	42	24	86	51	1	45.7	--	--	3923	--	--
Dyna-Gro	DG531G	41	21	83	50	1	46.3	--	--	2868	--	--
Mycogen	1012RR	46	19	92	56	3	44.9	2503	1826	3090	2458	2473
Mycogen	1020RR	44	21	91	48	2	45.1	--	1777	2613	2195	--
Mycogen	1022RR	46	20	92	52	4	45.3	--	1720	2629	2174	--
Trial Mean		42	21	88	48	2	46.3	2549	2324	3148	--	--
C.V.%		1.9	4.8	2.6	5.9	86	2.4	10.7	7.2	9.5	--	--
LSD 5%		1	2	4	5	2	1.8	388	234	487	--	--
LSD 10%		1	1	3	4	2	1.5	322	196	407	--	--

¹ DAP = Days after planting.² Lodging: 0 = none, 9 = lying flat on the ground.

Trial was planted on May 9 with a seeding rate of 9 lbs/A and harvested on August 17.

Previous Crop: 2014 = soybean, 2013 = spring wheat, 2012 = durum.

Soil Type: Williams Loam

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