

**North Central Research Extension Center—Minot
Canola Variety Trial on Fallow—Roundup Ready**

Company/Brand	Variety	Type ¹	Black Leg ²	Early Vigor	Percent Cover	Days to 10%	Days to 90%	Days to Maturity	Plant Height	Seed Weight	Test Weight	Oil Content	Seed Yield				
						Flower	Flower	Flower					2008	2009	2010	Year	Year
				1-5 ³	%	DAP ⁴	DAP ⁴	DAP ⁴	inch	g/1000	lb/bu	% ⁵	lb/A				
BrettYoung	6040 RR	H, TR	R	4.3	95	46	67	98	47	3.1	50.0	42.4	--	4008	3098	3553	--
BrettYoung	6130 RR	Syn, TR	R	5.0	100	45	67	98	47	3.5	49.9	43.0	--	--	2908	--	--
BrettYoung	H8111	H, TR	R	4.3	95	46	68	99	48	3.2	51.4	40.2	--	--	2639	--	--
CANTERRA SEEDS	1950	H, TR	MR	4.8	100	46	66	97	47	3.5	50.5	41.0	--	3769	3188	3478	--
CANTERRA SEEDS	1956	Syn, TR	R	5.0	100	45	67	98	46	3.0	49.5	43.5	--	3722	2987	3354	--
CANTERRA SEEDS	1918	OP, TR	R	3.8	96	46	67	98	42	3.1	50.5	42.8	--	--	2743	--	--
Cargill	V2035	H, HO	R	4.8	99	47	64	95	44	3.3	49.9	44.2	--	--	2635	--	--
Cargill	v1040	H, HO	R	4.8	99	46	68	99	46	3.4	50.2	41.3	--	--	2894	--	--
Cargill	v2018	H, HO	MR	4.8	98	47	67	98	46	3.4	49.5	41.1	3249	3825	2809	3317	3294
Cargill	v2030	H, HO	MR	4.8	100	48	68	99	50	3.3	50.1	40.6	3657	4074	2643	3358	3458
CROPLAN GENETICS	HyCLASS 921	H, TR	R	4.8	100	44	65	96	42	3.6	50.6	44.0	--	3659	3081	3370	--
CROPLAN GENETICS	HyCLASS 940	H, TR	R	4.8	99	44	64	95	43	3.8	50.9	42.8	3875	3827	3261	3544	3654
CROPLAN GENETICS	HyCLASS 947	H, TR	R	4.8	100	44	65	96	46	3.3	50.6	45.3	--	--	3360	--	--
CROPLAN GENETICS	HyCLASS 988	H, TR	R	4.8	98	47	68	99	49	3.2	48.8	42.2	--	--	3662	--	--
DEKALB	DKL 30-42	H, TR	R	4.3	96	44	63	94	43	3.8	51.0	44.1	3903	3943	3358	3651	3735
DEKALB	DKL51-45	H, TR	R	5.0	100	44	62	93	41	3.6	50.5	44.6	--	--	3342	--	--
DEKALB	DKL72-40	H, TR	R	5.0	100	44	63	94	44	3.8	50.7	44.1	--	--	3446	--	--
DEKALB	DKL 72-55	H, TR	R	5.0	100	43	62	93	45	3.0	50.1	44.6	4065	3740	3012	3376	3606
DL SEEDS INC	30217-C7	H, TR	R	4.8	98	46	66	97	48	3.4	49.8	43.6	--	--	3088	--	--
DL SEEDS INC	30220-D8	H, TR	R	4.3	93	48	68	99	46	3.2	49.7	41.6	--	3994	3205	3599	--
DL SEEDS INC	30511-D8	H, TR	R	4.8	99	45	67	98	47	3.4	49.7	43.4	--	--	3360	--	--
DL SEEDS INC	30512-D8	H, TR	R	5.0	100	47	69	100	50	3.0	49.8	41.6	--	--	3396	--	--
DL SEEDS INC	09DL90114	H, TR	R	5.0	100	45	66	97	46	3.4	50.6	43.3	--	--	3441	--	--
DL SEEDS INC	09DL90122	H, TR	R	5.0	100	46	68	99	50	3.7	50.3	42.5	--	--	3115	--	--
DL SEEDS INC	09DL90210	H, TR	R	5.0	100	45	67	98	48	3.4	49.2	41.2	--	--	3353	--	--
DL SEEDS INC	09DL30418	H, TR	R	4.5	99	45	64	95	45	3.2	49.9	42.5	--	--	2912	--	--
Integra	7121R	H, TR	R	4.5	97	45	65	96	45	3.4	51.1	41.7	3463	3964	3135	3549	3521
Integra	7150R	H, TR	R	5.0	100	43	64	95	43	3.7	50.4	44.6	--	4395	3231	3813	--

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Company/Brand	Variety	Type ¹	Black Leg ²	Early Vigor	Percent Cover	Days	Days	Days	Plant Height	Seed Weight	Test Weight	Oil Content	Seed Yield				
						to 10%	to 90%	to Maturity					2008	2009	2010	Year	Year
				1-5 ³	%	DAP ⁴	DAP ⁴	DAP ⁴	inch	g/1000	lb/bu	% ⁵	lb/A				
Monsanto	G72818	H, TR	R	5.0	99	46	64	95	45	4.1	50.9	44.9	--	--	3787	--	--
Monsanto	G82746	H, TR	R	5.0	100	44	64	95	44	4.1	50.8	44.7	--	--	3308	--	--
Monsanto	G84602	H, TR	R	5.0	100	44	63	94	46	4.0	50.3	42.8	--	--	3533	--	--
Monsanto	G86382	H, TR	R	5.0	100	45	64	95	44	3.7	50.6	44.7	--	--	3581	--	--
Monsanto	G88666	H, TR	R	4.8	98	43	62	93	41	3.5	50.4	45.5	--	--	3012	--	--
Monsanto	G89304	H, TR	R	5.0	100	43	62	93	40	3.4	50.4	45.2	--	--	2901	--	--
Monsanto	G98022	H, TR	R	4.8	100	44	64	95	43	3.5	50.3	43.5	--	--	3115	--	--
Monsanto	G98034	H, TR	R	5.0	100	46	67	98	46	3.7	50.2	40.5	--	--	3360	--	--
Monsanto	G98046	H, TR	R	5.0	100	45	64	95	45	3.7	51.2	43.9	--	--	3143	--	--
Monsanto	G98059	H, TR	R	5.0	100	44	61	92	42	3.7	50.4	45.0	--	--	3326	--	--
Monsanto	G98073	H, TR	R	4.5	97	44	64	95	42	4.0	50.4	44.6	--	--	3259	--	--
Monsanto	G99894	H, TR	R	4.3	98	45	65	96	47	3.4	50.7	45.2	--	--	3488	--	--
Pioneer	45H28	H, TR	R	4.5	98	45	64	95	48	3.2	50.7	44.2	3621	4258	2970	3614	3616
Pioneer	45S51	H, TR	R	4.8	98	46	65	96	46	3.7	50.3	41.7	--	4129	2849	3489	--
LSD 5%		--	--	0.7	4	1	2	2	4	0.3	0.7	1.1	534	597	458	--	--
C.V.%		--	--	10.0	2.6	1.4	2.3	1.5	6.2	6.7	0.9	1.9	10.7	10.9	10.5	--	--
Mean		--	--	4.8	99	45	65	96	45	3.5	50.2	43.1	3583	3921	3123	--	--

Trial was planted on May 11 with a seeding rate of 685,000 PLS and harvested on August 19.

¹ OP = Open Pollinated, H = Hybrid, Syn= Synthetic, TR = Traditional Oil Type, HO = High Oleic Oil Type .

² Blackleg: R = Resistant, MR = Moderately Resistant. Blackleg rating provided by company.

³ Early Vigor: Vigor of plants 4 weeks after planting where 1 = poor and 5 = excellent.

⁴ DAP = Days after planting.

⁵ Oil adusted to 8.5% moisture.