

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

Company/Brand	Variety	Type ¹	Black Leg ²	Days	Days	Bloom Duration	Days	Plant Height	Seed Weight	Test Weight	Oil Content	Seed Yield		
				10% Flower	90% Flower		to Maturity					2009	2010	Year ²
				DAP ³	DAP ³	days	DAP ³	inch	g/1000	lb/bu	% ⁴	-----lb/A-----		
BrettYoung	6040 RR	H, TR	R	43	65	15	80	44	3.1	50.1	44.4	4008	3098	3553
BrettYoung	6070 RR	H, TR	R	39	62	16	79	42	3.4	50.2	45.5	--	--	--
BrettYoung	BY11-860	H, TR	R	42	64	15	81	45	3.2	49.2	45.1	--	--	--
Cargill	v2035	H, HO	R	43	66	15	82	34	3.6	45.9	42.4	--	2635	--
Cargill	07H874	H, HO	R	43	63	13	81	42	3.6	50.0	43.8	--	--	--
Cargill	08H1134	H, HO	R	42	64	15	79	39	3.7	50.1	45.3	--	--	--
CROPLAN GENETICS	HyClass 940	H, TR	R	38	61	15	78	37	3.3	50.3	44.7	3827	3261	3544
CROPLAN GENETICS	HyClass 947	H, TR	R	40	62	15	79	39	3.1	50.4	45.8	--	3360	--
CROPLAN GENETICS	HyClass 955	H, TR	R	39	62	16	77	41	3.4	51.0	46.9	--	--	--
CROPLAN GENETICS	HyClass 988	H, TR	R	42	66	16	84	42	3.8	48.9	45.5	--	3662	--
DEKALB	DKL30-42	H, TR	R	39	64	18	76	37	3.5	51.1	44.8	3943	3358	3651
DEKALB/Monsanto	DKL51-45	H, TR	R	39	60	14	75	39	3.6	51.2	45.8	--	3342	--
DEKALB	DKL52-41	H, TR	R	40	63	16	80	44	3.3	50.3	44.6	--	--	--
DEKALB	DKL55-55	H, TR	R	38	60	16	77	41	3.6	51.1	46.5	--	--	--
DEKALB	DKL70-07	H, TR	R	40	61	14	79	42	3.6	51.4	45.1	--	--	--
DEKALB/Monsanto	DKL72-40	H, TR	R	38	60	15	81	41	3.3	50.7	45.2	--	3446	--
DEKALB	DKL72-55	H, TR	R	39	62	15	79	43	3.6	51.1	44.6	3740	3012	3376
DL SEEDS INC	30512-D8	H, TR	R	41	65	17	81	44	3.2	50.1	44.9	--	3396	--
Integra FortifiedSeed	7121R	H, TR	R	42	65	16	79	40	3.2	50.6	44.1	3964	3135	3550
Integra FortifiedSeed	7150R	H, TR	R	40	63	16	79	35	3.2	50.3	45.3	4395	3231	3813
Integra FortifiedSeed	7152R	H, TR	R	40	64	17	78	38	3.5	50.9	45.2	--	--	--

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

Company/Brand	Variety	Type ¹	Black Leg ²	Days	Days	Bloom Duration	Days	Plant Height	Seed Weight	Test Weight	Oil Content	Seed Yield		
				10% Flower	90% Flower		to Maturity					2009	2010	2
				DAP ³	DAP ³	days	DAP ³	inch	g/1000	lb/bu	% ⁴	-----lb/A-----		
Monsanto	G08027	H, TR	R	43	67	17	83	48	3.4	51.1	43.2	--	--	--
Monsanto	G08039	H, TR	R	42	65	15	80	43	3.5	51.1	44.4	--	--	--
Monsanto	G88605	H, TR	R	39	61	15	78	38	3.2	50.9	46.3	--	--	--
Monsanto	G89304	H, TR	R	38	62	17	76	38	3.2	51.3	46.5	--	2901	--
Monsanto	G98689	H, TR	R	39	62	15	77	37	3.1	50.2	44.8	--	--	--
Monsanto	G98739	H, TR	R	41	63	15	78	40	3.4	49.3	46.2	--	--	--
Monsanto	G98767	H, TR	R	40	62	15	79	42	3.5	50.8	46.7	--	--	--
Monsanto	G99010	H, TR	R	39	61	15	78	37	3.3	50.7	48.4	--	--	--
Monsanto	G99396	H, TR	R	41	63	16	80	37	3.2	50.7	48.4	--	--	--
Monsanto	G99402	H, TR	R	40	62	16	79	42	3.1	50.7	48.4	--	--	--
Mycogen Seeds	1012 RR	H, HO	R	44	66	16	84	47	3.2	50.6	43.5	--	--	--
Mycogen Seeds	1014 RR	H, HO	MR	44	67	16	82	43	3.3	49.8	42.9	--	--	--
Mycogen Seeds	G152936H	H, HO	R	43	63	14	81	41	3.5	50.6	43.7	--	--	--
Mycogen Seeds	G152951H	H, HO	R	44	66	15	81	45	3.3	50.7	43.6	--	--	--
Pioneer	45H29	H, TR	R	40	61	14	79	46	3.1	50.7	44.5	--	--	--
Pioneer	45S52	H, TR	MR	41	63	15	79	44	3.4	49.9	44.6	--	--	--
LSD 5%	--	--	--	2	3	3	2	6	NS	1.2	2.3	597	458	--
C.V.%	--	--	--	2.9	3.1	10.4	1.9	9.3	11.4	1.4	3.1	10.9	10.5	--
Mean	--	--	--	41	63	15	79	41	3.4	50.5	45.3	3921	3123	--

Trial was planted on May 18 with a seeding rate of 685,000 PLS and harvested on August 24.

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 DAP = Days after planting.

⁴ Oil adjusted to 8.5% moisture.

Due to the high CV% value for seed yield in 2011 no data is available. Additional data sites should be used for making decisions.