

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

Company/Brand	Variety	Type ¹	Black Leg ²	Early Vigor 1-5 ³	Percent Cover	Days Flower to 10%	Days Flower to 90%	Maturity DAP ⁴	Plant Height inch	Seed Weight g/1000	Test Weight lb/bu	Oil Content % ⁵	Seed Yield	
													2008	2009
BrettYoung	6020 RR	H, TR	MR	5.0	94	47	68	99	50	3.6	50.1	44.4	--	4024
BrettYoung	6040 RR	H, TR	R	5.0	96	47	68	99	54	3.4	49.7	44.6	--	4008
CANTERRA SEEDS	1768S	Syn, TR	MR	5.0	90	48	68	99	53	3.2	48.9	44.4	--	4070
CANTERRA SEEDS	1818 RR	OP, TR	R	4.3	95	46	67	100	47	3.7	49.3	44.7	3100	4044
CANTERRA SEEDS	1950H	H, TR	MR	4.8	95	48	68	100	51	3.6	50.5	44.9	--	3769
CANTERRA SEEDS	1956S	Syn, TR	R	5.0	91	46	67	99	48	2.9	49.1	44.7	--	3722
Cargill	V1035	H, HO	R	5.0	94	49	68	100	46	3.9	49.2	43.8	3918	3806
Cargill	V1037	H, HO	R	5.0	97	50	68	100	50	3.5	49.7	44.9	3564	4179
Cargill	V2010	H, HO	R	5.0	97	48	69	100	52	3.6	49.1	43.1	3161	4113
Cargill	V2018	H, HO	MR	4.8	88	50	68	99	50	3.4	49.2	44.0	3249	3825
Cargill	V2030	H, HO	MR	5.0	95	51	69	99	54	3.5	48.9	43.5	3657	4074
CROPLAN GENETICS	HyClass 712	Syn, TR	R	4.8	93	50	69	100	53	3.5	48.7	44.6	3960	3874
CROPLAN GENETICS	HyClass 906	H, TR	R	4.0	86	49	69	100	51	3.7	49.2	45.0	3885	4070
CROPLAN GENETICS	HyClass 921	H, TR	R	4.5	90	46	68	99	48	4.1	49.8	43.9	--	3659
CROPLAN GENETICS	HyClass 924	H, TR	R	4.8	91	45	68	98	50	3.3	49.9	43.4	3482	3741
CROPLAN GENETICS	HyClass 940	H, TR	R	4.8	91	46	66	98	47	3.7	49.8	43.6	3875	3827
DEKALB	DKL 30-42	H, TR	R	4.8	92	45	67	97	44	4.0	50.1	43.7	3903	3943
DEKALB	DKL 52-41	H, TR	MR	5.0	91	46	68	99	50	3.6	50.1	43.5	4042	3941
DEKALB	DKL 72-55	H, TR	R	4.8	91	46	68	100	47	3.9	48.8	44.1	4065	3740
DL Seeds	30119-D8	H, TR	R	5.0	95	47	68	98	48	3.7	49.4	44.5	--	3917
DL Seeds	30205-D8	H, TR	R	4.8	94	47	67	98	50	3.4	49.2	43.6	--	3667
DL Seeds	30214-C7	H, TR	R	5.0	97	46	67	98	52	3.6	50.5	44.0	3763	3859
DL Seeds	30220-D8	H, TR	R	4.5	91	48	70	100	48	3.5	47.9	43.5	--	3994
DL Seeds	30221-D8	H, TR	R	5.0	96	48	70	100	48	3.4	48.8	43.7	--	3877
DL Seeds	30516-D8	H, TR	R	4.0	88	50	70	100	52	3.6	50.1	44.1	--	3600
DL Seeds	H7047	H, TR	R	5.0	94	49	70	99	52	3.5	49.9	43.3	--	3767
DL Seeds	H8109	H, TR	R	5.0	95	48	69	99	53	3.3	50.0	44.5	--	3951
Integra Seed	7121R	H, TR	R	5.0	93	45	68	98	48	3.6	49.4	44.9	3463	3964
Integra Seed	IX08-7321R	H, TR	R	5.0	94	47	67	97	51	3.5	50.5	44.0	3486	3609
Integra Seed	IX09-7426R	H, TR	R	4.8	92	47	68	98	53	3.3	50.3	44.1	--	4040
Integra Seed	IX09-7427R	H, TR	R	5.0	98	46	67	99	54	3.4	48.7	43.7	--	4065

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Company/Brand	Variety	Type ¹	Black Leg ²	Early Vigor 1-5 ³	Percent Cover	Days Flower to 10%	Days to 90%	Maturity DAP ⁴	Plant Height inch	Seed Weight g/1000	Test Weight lb/bu	Oil Content % ⁵	Seed Yield		
													2008	2009	
Monsanto	G64034	H, TR	R	5.0	95	47	68	99	48	3.5	49.2	44.7	4003	3877	3940
Monsanto	G72522	H, TR	R	4.8	90	46	67	99	47	3.4	48.6	44.6	--	4069	--
Monsanto	G72643	H, TR	R	4.8	95	49	68	99	50	3.3	50.5	44.2	--	3576	--
Monsanto	G88006	H, TR	R	5.0	97	46	67	99	47	4.0	49.3	43.9	--	3881	--
Monsanto	G88007	H, TR	R	5.0	96	45	66	97	45	3.8	49.2	43.6	--	3883	--
Monsanto	G88058	H, TR	R	4.3	88	46	67	99	45	3.8	50.4	43.7	--	3952	--
Monsanto	G88061	H, TR	R	5.0	96	45	68	98	46	4.0	49.6	44.5	--	3300	--
Monsanto	G88066	H, TR	R	4.5	93	47	67	98	48	3.5	49.6	44.5	--	4112	--
Monsanto	G88075	H, TR	R	5.0	97	46	68	100	45	4.2	49.9	44.0	--	3718	--
Monsanto	G88115	H, TR	R	5.0	97	45	66	94	43	3.8	48.6	44.3	--	4395	--
Monsanto	G88117	H, TR	R	5.0	99	46	67	99	48	3.4	49.5	43.2	--	4078	--
Monsanto	G88124	H, TR	R	5.0	93	46	67	99	48	3.8	49.0	43.4	--	4057	--
Monsanto	G88930	H, TR	R	5.0	95	46	67	98	44	4.0	48.8	44.0	--	3656	--
Pioneer	45H28	H, TR	R	5.0	95	46	68	99	51	3.1	49.8	43.3	3621	4258	3939
Pioneer	45S51	H, TR	R	5.0	96	46	68	99	51	3.4	50.3	44.1	--	4129	--
PROSEED	RR 25 CALIBER	Syn, TR	R	4.3	88	46	68	98	50	3.4	49.5	44.9	--	4426	--
PROSEED	RR 30 CALIBER	Syn, TR	R	4.3	85	51	70	100	54	3.5	49.8	44.2	3296	3973	3635
PROSEED	RR 50 CALIBER	H, TR	R	4.0	86	47	69	98	49	3.4	49.3	44.7	3184	4067	3625
LSD 5%	--	--	--	0.0	6	1	1	2	4	0.3	1.5	1.8	534	597	--
C.V. %	--	--	--	6.5	4.3	1.6	1.2	1.6	6.2	4.1	2.2	2.9	10.7	10.9	--
Mean	--	--	--	4.8	93	47	68	99	49	3.6	49.5	44.1	3583	3921	--

Trial was planted on May 12 with a seeding rate of 685,000 PLS and harvested on August 27.

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 adjusted to 8.5% moisture.