

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

Company/Brand	Variety	Type <sup>1</sup>	Black Leg <sup>2</sup>	Early Vigor	Percent Cover	Days	Days	Days	Plant Height	Seed Weight	Test Weight	Oil Content	Seed Yield				
						10% Flower	90% Flower	to Maturity					2007	2008	2009	Year	Year
				1-5 <sup>3</sup>	%	DAP <sup>4</sup>	DAP <sup>4</sup>	DAP <sup>4</sup>	inch	g/1000	lb/bu	% <sup>5</sup>	-----lb/A-----				
Bayer CropScience	InVigor 5440	H, LL, TR	R	5.0	91	49	69	100	54	3.1	50.8	41.1	1483	3673	4284	3978	3147
Bayer CropScience	InVigor 5550	H, LL, TR	R	5.0	94	46	67	98	53	3.3	51.8	42.3	2390	3358	4048	3703	3265
Bayer CropScience	InVigor 5630	H, LL, TR	R	5.0	95	47	68	99	51	3.4	49.7	42.4	2011	3422	3950	3686	3128
Bayer CropScience	InVigor 8440	H, LL, TR	R	5.0	95	46	67	99	50	3.4	49.5	41.2	1793	3529	4038	3783	3120
Bayer CropScience	674	H, LL, TR	R	5.0	93	49	68	100	54	3.4	49.0	43.0	--	--	4325	--	--
BrettYoung	5525 CL	H, CL, TR	R	5.0	95	50	69	100	53	3.2	50.5	42.7	--	--	3746	--	--
DL Seeds	30522-C7	H, CL, TR	R	5.0	93	47	67	99	51	3.3	51.9	41.0	--	3071	3814	3442	--
DL Seeds	30423-C7	Syn, CL, TR	R	5.0	96	51	69	100	56	3.0	49.7	41.9	--	3109	3662	3886	--
LSD 5%				NS	4	1	1	1	3	0.2	1.7	1.4	631	470	643	--	--
C.V.%				0.0	2.8	1.5	0.8	0.7	4.4	4.3	2.3	2.2	22.7	11.2	11.0	--	--
Mean				5.0	94	48	68	99	53	3.3	50.4	41.9	1942	2973	3983	--	--

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

<sup>1</sup> H = Hybrid, Syn= Synthetic, LL = Liberty Link, CL = Clearfield System, TR = Traditional Oil Type.

<sup>2</sup> Blackleg: R = Resistant. Blackleg rating provided by company.

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

<sup>4</sup> DAP = Days after planting.

<sup>5</sup> Oil adjusted to 8.5% moisture.