

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

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				
						10% Flower	90% Flower	to Maturity					2008	2009	2010	Year	Year
				1-5 ³	%	DAP ⁴	DAP ⁴	DAP ⁴	inch	g/1000	lb/bu	% ⁵	-----lb/A-----				
Bayer CropScience	InVigor 5440	H, LL, TR	R	5.0	100	46	67	90	49	3.4	51.3	41.5	3673	4284	3616	3950	3857
Bayer CropScience	InVigor 8440	H, LL, TR	R	4.7	98	45	65	89	43	3.4	50.0	40.5	3529	4038	2836	3437	3468
Bayer CropScience	InVigor Health 1145	H, LL, HO	R	4.3	96	46	65	89	47	3.6	50.5	43.1	--	--	3038	--	--
Bayer CropScience	InVigor L150	H, LL, TR	R	5.0	100	48	68	90	49	3.1	51.2	40.9	--	--	2804	--	--
Bayer CropScience	InVigor L130	H, LL, TR	R	5.0	100	46	66	89	46	3.6	51.2	41.9	--	--	3895	--	--
CROPLAN GENETICS	XCEED 8571	OP, CL, TR	R	4.0	95	43	65	85	53	2.9	51.7	39.5	--	--	2788	--	--
CROPLAN GENETICS	XCEED 8470	OP, CL, TR	R	3.3	82	41	60	84	47	2.9	51.2	41.2	--	--	2232	--	--
DL SEEDS INC	09DL30512	H, CL, TR	R	4.7	97	47	64	88	47	3.0	51.7	42.3	--	--	2411	--	--
LSD 5%		--	--	0.7	8	1	2	1	7	0.3	0.6	1.4	470	643	944	--	--
C.V.%		--	--	8.2	5.0	1.3	1.5	0.6	7.8	5.6	0.7	2.0	11.2	11.0	18.3	--	--
Mean		--	--	4.5	96	45	65	88	48	3.2	51.1	41.4	2973	3983	2953	--	--

Trial was planted on May 11 with a seeding rate of 685,000 PLS and harvested on August 20.

¹ H = Hybrid, OP = Open Pollinated, LL = Liberty Link, CL = Clearfield System, HO = High Oleic, TR = Traditional Oil Type.

² Blackleg: R = 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.

Due to the high CV% value for seed yield, caution should be taken in interpreting yield data for 2010. Additional data sites should be used for making decisions.