

**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	Plant Height	Seed Weight	Test Weight	Oil Content	Seed Yield		
						10% Flower					2009	2010	2011
				1-5 ³	%	DAP ⁴	inch	g/1000	lb/bu	% ⁵	-----lb/A-----		
Bayer CropScience	InVigor 8440	H, LL, TR	R	6.8	87	24	34	3.0	49.9	44.1	4038	2836	2068
Bayer CropScience	InVigor 5440	H, LL, TR	R	5.3	89	25	33	3.0	50.7	44.8	4284	3616	2475
Bayer CropScience	InVigor L130	H, LL, TR	R	7.0	96	24	35	2.9	50.8	44.6	--	3895	2612
Bayer CropScience	InVigor L150	H, LL, TR	R	4.0	76	25	31	3.1	50.6	45.7	--	2804	1868
CROPLAN GENETICS	XCEED Oasis CL	OP, CL, TR	R	4.3	70	24	28	2.9	50.5	44.3	--	--	--
Mycogen Seeds	2012 CL	H, CL, HO	R	6.8	96	25	33	3.4	50.7	44.5	--	--	--
Mycogen Seeds	2014 CL	H, CL, HO	MR	4.5	89	26	31	3.2	50.9	45.6	--	--	--
Mycogen Seeds	CL166102H	H, CL, HO	R	5.0	84	25	33	3.4	50.8	45.0	--	--	--
Mycogen Seeds	CL166103H	H, CL, HO	R	5.3	86	18	31	3.4	50.9	45.2	--	--	--
TCI	Heara ⁶	H, CL, HO	R	2.3	65	23	26	3.1	--	43.3	--	--	--
TCI	Rodin ⁶	H	R	6.3	89	26	36	3.3	49.5	40.3	--	--	--
LSD 5%	--	--	--	1.7	11	4	3	0.3	0.9	1.2	643	944	--
C.V.%	--	--	--	23.9	8.7	12.8	6.6	7.1	1.2	1.9	11.0	18.3	--
Mean	--	--	--	4.8	84	24	34	3.1	50.3	44.2	3983	2953	--

Trial was planted on May 19 with a seeding rate of 685,000 PLS and harvested on August 24.

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.

⁶ Rapeseed variety.

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