

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

Company/Brand	Variety	Type ¹	Herb. Trait ²	Oil Type ³	Blackleg Rating ⁴	Days	Days	Days	Plant Height	Seed Weight	Test Weight	Oil ⁵	Seed Yield			Year	Year
						10% Flower DAP ⁶	90% Flower DAP ⁶	to Maturity DAP ⁶					2006	2007	2008		
Bayer CropScience	953	H	LL	HO	NA	47	62	85	44	3.3	50.7	43.9	--	--	3351	--	--
Bayer CropScience	InVigor 5440	H	LL	TR	R	50	64	88	48	3.2	51.5	43.0	--	1483	3673	2578	--
Bayer CropScience	InVigor 5630	H	LL	TR	R	50	65	88	46	3.6	50.6	43.5	3577	2011	3422	2716	3003
Bayer CropScience	Invigor 5550	H	LL	TR	R	48	65	86	51	3.4	52.0	42.8	3172	2390	3358	2874	2973
Bayer CropScience	InVigor 8440	H	LL	TR	R	49	63	87	45	3.4	49.8	43.1	--	1793	3529	2661	--
CANTERRA SEEDS	30120-B6	H	CL	TR	MR	50	64	86	46	3.2	50.4	42.7	--	2472	3043	2758	--
Croplan Genetics	Freedom 84S01	SYN	LL	TR	MR	47	64	85	44	3.7	51.0	43.4	--	2069	3128	2598	--
DL Seeds Inc	30423-C7	SYN	CL	TR	R	50	64	88	45	3.4	50.5	43.6	--	--	3109	--	--
DL Seeds Inc	30522-C7	H	CL	TR	R	50	65	89	48	3.1	49.9	43.5	--	--	3071	--	--
DL Seeds Inc	30611-C7	H	CL	TR	R	50	64	86	47	3.0	51.4	44.3	--	--	3112	--	--
Mycogen Seeds/DAS	DN051493	OP	CL	HO	R	52	65	88	49	3.5	51.0	44.0	--	--	2444	--	--
Mycogen Seeds/DAS	DN051505	OP	CL	HO	R	51	64	87	45	3.4	51.2	44.6	--	--	2404	--	--
Mycogen Seeds/DAS	DN051535	OP	CL	HO	R	51	65	86	46	2.9	51.3	43.4	--	--	2522	--	--
Mycogen Seeds/DAS	DN051607	OP	CL	HO	R	50	64	87	44	3.5	51.7	44.9	--	--	2642	--	--
Mycogen Seeds/DAS	DN051692	OP	CL	HO	R	51	64	86	45	3.2	51.0	44.5	--	--	2597	--	--
Mycogen Seeds/DAS	DN051874	OP	CL	HO	R	52	66	89	44	3.4	51.4	45.6	--	--	2655	--	--
Mycogen Seeds/DAS	Nexera 830 CL	OP	CL	HO	R	51	65	89	46	3.5	52.0	43.2	--	2005	2723	2364	--
Mycogen Seeds/DAS	Nexera 845 CL	OP	CL	HO	MR	48	62	89	43	4.2	51.4	44.7	--	--	2940	--	--
LSD 5%	--	--	--	--	--	1	1	1	3	0.2	0.4	0.8	594	631	470	--	--
C.V.%	--	--	--	--	--	1.8	1.0	1.1	4.7	4.6	0.5	1.2	14.0	22.7	11.2	--	--
Mean	--	--	--	--	--	50	64	87	46	3.4	51.2	43.8	2920	1942	2973	--	--

¹ Type: H = hybrid, OP = open pollinated, SYN = synthetic.

² Herb. Trait: CL = Clearfield, LL = Liberty Link.

³ Oil Type: HO = high oleic, TR = traditional.

⁴ Blackleg Rating: R = resistant, MR = moderately resistant, MS = moderately susceptible, NA = not available. Blackleg rating provided by company.

⁵ Oil adjusted to 8.5% moisture.

⁶ DAP = Days after planting.