

North Central Research Extension Center

Non-Roundup Ready Canola Variety Trial at Minot

Company	Variety	Herbicide System	Days to Bloom	Bloom Duration	Days to Maturity	Plant Height	Lodging	Oil Content	Seed Yield				
									2014	2015	2016	---Average---	
									----- lbs/A -----				
			DAP*	days	DAP*	inches	0-9**	%					
Cibus	C1511	SU	43	24	86	47	0	41.4	--	2070	2293	2182	--
Cibus	C1516	SU	44	23	86	45	0	44.0	--	1874	2582	2228	--
Cibus	C5507	SU	43	21	86	45	0	46.1	--	--	2601	--	--
Cibus	C5522	SU	43	23	88	44	0	45.4	--	--	2439	--	--
Cibus	C5513	SU	43	24	85	46	0	44.6	--	--	2301	--	--
Croplan	XCEED 121CL	CL	39	30	85	50	0	35.0	--	--	1440	--	--
Canterra	CS2200 CL	CL	43	25	86	46	0	46.5	--	--	2747	--	--
Dyna-Gro	DG200CL	CL	44	23	86	48	1	45.4	--	--	3390	--	--
Dyna-Gro	XCEED X122CL	CL	36	27	84	39	0	36.6	--	--	1841	--	--
Mycogen	2020CL	CL	44	23	87	43	1	46.3	1994	2095	2497	2296	2195
Mycogen	2022CL	CL	43	21	87	44	0	45.1	--	--	2624	--	--
Mycogen	CL3701975H	CL	41	22	86	42	0	46.2	--	--	2745	--	--
Bayer	InVigor L140P	LL	41	21	85	45	1	44.5	2770	2412	3133	2772	2772
Bayer	InVigor L130	LL	43	22	87	47	1	43.2	2344	1967	2891	2429	2401
Bayer	InVigor L157H	LL	43	23	87	46	1	45.1	--	--	2687	--	--
Bayer	InVigor L230	LL	41	20	84	43	0	44.8	--	--	2986	--	--
Bayer	InVigor L233P	LL	43	21	86	45	0	45.9	--	--	3198	--	--
Bayer	InVigor L252	LL	44	21	86	47	0	47.9	2345	2141	2939	2540	2475
Trial Mean			42	23	86	45	0	44.1	2403	2033	2611	--	--
C.V.%			2.1	4.4	1.1	5.7	116	2.5	7.7	6.2	7.5	--	--
LSD 5%			1	2	2	4	NS	1.8	149	150	326	--	--
LSD 10%			1	1	1	4	NS	1.5	182	183	271	--	--

*DAP = Days after planting. **Lodging: 0 = none, 9 = lying flat on the ground.

NS = no statistical difference between varieties.

Trial was planted on May 16 with a seeding rate of 9 lbs/A and harvested on August 26.

Previous Crop: 2013 = spring wheat, 2014 & 2015 = soybean

Soil Type: Williams Loam

Oil content and seed yields are adjusted to 8.5% moisture.