

**North Central Research Extension Center—Minot  
Canola Variety Trial—Roundup Ready**

Company/Brand	Variety	Type	Blackleg	Days	Days	Plant	Seed	Test	Oil	Seed Yield				
				to 10%	90%					Height	Weight	Weight	2003	2004
				DAP	DAP	in	g/1000	lb/bu	%	-----lb/A-----				
Agriprogress/Lembke	AP 7910	H	R	47	64	37	2.5	50.5	43.9	3028	2015	2176	2096	2406
Agriprogress/Lembke	AP 3.32.20	H	R	43	62	33	2.5	50.8	44.4	--	--	1551	--	--
Agriprogress/Lembke	AP 3.32.22	H	MR	43	63	36	2.5	50.7	42.1	--	--	1631	--	--
Agriprogress/Lembke	AP 3.32.28	H	MR	43	62	33	2.3	50.3	43.7	--	--	1581	--	--
Agriprogress/Lembke	AP 3.32.49	H	R	43	62	34	2.3	51.3	44.0	--	--	1934	--	--
Agriprogress/Lembke	AP 3.32.50	H	MR	43	60	36	2.8	51.1	43.5	--	--	1968	--	--
Agriprogress/Lembke	AP 3.39.26	H	R	43	61	33	1.8	50.8	46.2	--	--	2419	--	--
Agriprogress/Lembke	APS 3.06.50	SYN	MR	43	63	38	2.5	52.1	43.5	--	--	2226	--	--
Agriprogress/Lembke	AP 3.22.28	SYN	R	43	61	35	2.5	51.5	45.2	--	--	2169	--	--
Agriprogress/Lembke	AP 3040	OP	MR	47	62	32	2.0	51.9	43.4	--	1283	2103	1693	--
Agriprogress/Lembke	AP 504	OP	MR	46	63	38	2.3	51.9	43.6	--	1630	2193	1912	--
Agriprogress/Lembke	AP8510	OP	MR	48	64	33	2.0	50.9	44.2	--	--	1151	--	--
Agriprogress/Lembke	AP 8563	OP	MR	48	64	32	2.0	51.6	42.9	--	--	1038	--	--
Croplan Genetics	HyClass 767 SW	SYN	MR	43	60	34	2.8	52.3	43.8	3029	1816	2439	2128	2428
Croplan Genetics	Hyclass 431	SYN	MR	43	63	34	3.0	51.4	43.0	--	--	2282	--	--
Croplan Genetics	HyClass 2061	H	MR	43	64	34	2.5	51.5	43.2	2996	1884	1905	1895	2262
Croplan Genetics	Minot RR	OP	MR	44	62	34	2.3	51.2	43.7	2610	2072	2669	2371	2450
Croplan Genetics	HyClass 905	H	R	44	62	38	2.5	51.0	44.3	2705	1601	2460	2031	2255
Croplan Genetics	HyClass 910	H	R	44	61	36	2.0	51.5	44.6	2615	2137	2795	2466	2516
Croplan Genetics	Crosby	OP	R	44	64	34	3.0	51.0	44.7	2961	1976	1933	1955	2290
Croplan Genetics	HyClass 712	SYN	MR	46	61	35	2.5	51.4	44.0	2615	2109	2505	2307	2410
CSCO	V 1030	H	MR	43	59	37	2.8	52.0	44.6	--	--	2763	--	--
CSCO	IMC 111 RR	OP	R	47	63	38	2.0	53.3	43.7	--	--	2367	--	--
CSCO	03H 252	H	MR	43	60	37	3.0	51.4	43.2	--	--	2599	--	--
CSCO	V 1032	H	MR	43	61	36	2.3	51.8	43.6	--	--	2448	--	--
CSCO	V 1031	H	MR	43	60	39	2.3	51.9	41.5	--	--	2511	--	--
CSCO	IMC 209RR	OP	MR	47	61	39	2.5	51.6	42.6	--	--	2013	--	--
Dekalb	DKL5210	H	R	43	62	35	2.5	52.7	43.3	--	--	2462	--	--
Dekalb	DKL38-25	H	MR	43	62	36	2.3	50.9	44.4	--	--	2514	--	--
Dekalb	DKL34-55	OP	MR	45	62	32	2.0	51.9	42.0	2693	1820	2159	1990	2224
IntegraSeed Ltd.	RangeRR	SYN	MR-R	43	61	37	2.3	50.7	44.9	--	--	2438	--	--
IntegraSeed Ltd.	INT 3491 RR	H	R	43	61	35	3.0	51.3	43.1	--	--	2304	--	--
Interstate Seed	Hyola 357 Magnum	H	MR	42	60	31	2.3	51.5	42.2	2815	1999	3085	2542	2633
Interstate Seed	Hyola 514 RR	H	R	45	64	34	2.0	52.0	44.0	--	--	2687	--	--
Interstate Seed	SW Marksman RR	H	MR	43	64	35	2.8	51.2	43.7	--	1754	2708	2231	--
Interstate Seed	SW Patriot RR	SYN	MR	43	61	35	2.8	51.7	44.0	--	2035	2237	2136	--
Interstate Seed	SW Titan RR	H	R	42	62	34	2.5	51.7	44.1	--	--	2610	--	--
Interstate Seed	HyLite 225 RR	OP	MR	43	61	32	2.0	51.1	45.4	1530	1673	2433	2053	1879
LiBred	LBD 612RR	OP	MR	43	62	36	2.3	51.7	43.0	--	--	1998	--	--
LiBred	LBD 588RR	OP	MR	43	64	39	2.8	51.8	44.0	--	--	2085	--	--
LiBred	624 RR	H	R	44	62	41	3.3	51.5	43.9	--	--	2385	--	--

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**North Central Research Extension Center—Minot  
Canola Variety Trial—Roundup Ready (continued)**

Company/Brand	Variety	Type	Blackleg	Days	Days	Plant	Seed	Test	Oil	Seed Yield			Year	Year
				to 10%	90%					Flower	Flower	Height		
				DAP	DAP	in	g/1000	lb/bu	%	-----lb/A-----				
Croplan Genetics	Hyclass 905 PRIMED	H	R	43	62	34	2.5	51.1	45.5	--	--	2948	--	--
Croplan Genetics	Hyclass 905 Un-Primed	H	R	44	63	35	3.0	50.8	44.4	--	--	2773	--	--
Meridian Seeds	1818RR	OP	R	43	61	34	2.3	51.6	45.0	--	--	2831	--	--
Meridian Seeds	1849RR	OP	R	44	63	32	2.3	51.6	44.3	--	--	2201	--	--
Meridian Seeds	1812RR	SYN	MR	46	65	39	2.3	51.3	43.0	--	--	2037	--	--
Monsanto	SW H5263 RR	OP	R	48	65	37	2.8	51.6	43.5	--	--	2294	--	--
Monsanto	SW H5272 RR	H	R	44	62	40	2.5	52.7	43.9	--	--	2771	--	--
Monsanto	AV9525 RR	H	R	44	62	38	2.3	52.5	44.1	--	--	2760	--	--
Monsanto	1S7145RR	H	R	43	62	33	2.5	52.2	45.6	--	--	2792	--	--
Monsanto	1S3465RR	OP	R	42	61	35	2.3	50.2	44.5	--	--	2448	--	--
Pioneer Hi-Bred Intl.	45H21	H	R	43	61	31	2.8	51.7	44.3	--	--	2203	--	--
Pioneer Hi-Bred Intl.	45H24	H	R	43	61	33	2.5	52.4	43.3	--	--	2819	--	--
Proseed	RR 2066	H	MR	43	62	33	2.0	50.9	42.8	2992	2200	2300	2250	2497
Proseed	Roughrider Plus	SYN	MR	45	63	31	2.5	50.8	44.7	--	1737	2281	2009	--
SW Seed Ltd.	SW-PF 02-3910	H	R	43	62	35	2.0	52.6	44.0	--	--	2327	--	--
SW Seed Ltd.	H5289 RR	SYN	R	42	61	31	2.3	51.7	44.9	--	--	2848	--	--
LSD 5%	--	--	--	1	2	NS	NS	0.7	NS	359	459	426	--	--
C.V.%	--	--	--	1.7	2.0	10.4	19.4	0.9	4.0	9.4	17.1	11.6	--	--
Mean	--	--	--	44	62	35	2.4	51.6	43.9	2735	1918	2269	--	--

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

Blackleg: R=resistant, MR=moderately resistant, UNK=unknown

DAP=Days after planting

Blackleg rating provided by company

In June heavy rainfall caused ponding water in replicate 2. This replicate was eliminated from the analysis

Hot conditions during flowering may have influenced some varieties more than others

Because of the magnitude of environmental influences, it is recommended that multiple year data ( if available) and data from various variety trial locations be reviewed