

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

Company/Brand	Variety	Type ¹	Black Leg ²	Days	Days	Plant	Seed	Test	Oil ³	Seed Yield					
				to 10% Flower	to 90% Flower					Mature	Height	Weight	Weight	Oil ³	2004
				DAP ⁴	DAP ⁴	DAP ⁴	in	g/1000	lb/bu	%	lb/A				
Agriprogress Inc.	AP 30111-A5	H	R	48.8	60.5	88.3	39.5	3.6	49.8	42.7	--	--	2776	--	--
Agriprogress Inc.	AP 30213-A5	H	R	48.3	61.8	89.0	39.7	3.8	48.6	40.9	--	--	2418	--	--
Agriprogress Inc.	AP 30306-A5	H	R	45.0	61.3	88.5	42.1	3.8	50.4	40.3	--	--	2495	--	--
Agriprogress Inc.	AP 30310-A5	H	R	48.8	61.5	90.5	42.1	3.7	49.2	42.7	--	--	2429	--	--
Agriprogress Inc.	AP 30326-A5	Syn	R	47.5	61.3	88.0	40.4	3.6	49.9	42.7	--	--	2863	--	--
Agriprogress Inc.	AP 30516-A5	Syn	R	45.8	60.3	86.0	40.4	3.4	50.7	40.6	--	--	2247	--	--
Agriprogress Inc.	AP 30608-A5	OP	R	47.8	61.3	88.3	39.9	3.2	50.4	42.4	--	--	2765	--	--
Agriprogress Inc.	AP 30623-A5	OP	R	50.0	65.0	89.3	40.0	3.4	49.1	41.7	--	--	2264	--	--
Cargill	O3H252	H	MR	45.3	59.3	86.8	40.1	3.7	49.4	41.9	--	2599	2332	2466	--
Cargill	O3H580	H	R	48.5	60.8	90.3	40.3	3.8	46.5	42.5	--	--	2397	--	--
Cargill	O3H631	H	R	47.3	59.5	87.0	40.2	3.5	49.6	42.3	--	--	3193	--	--
Cargill	V1030	H	MR	48.3	61.0	88.8	42.3	3.9	48.9	41.5	--	2763	2843	2803	--
Cargill	V1031	H	MR	47.0	60.8	89.0	41.8	3.6	48.5	41.1	--	2511	2412	2461	--
Croplan	Crosby	OP	R	48.3	62.0	90.8	38.2	4.0	48.8	42.5	1976	1933	2319	2126	2076
Croplan	Hyclas 431	Syn	MR	46.8	62.0	89.5	41.1	3.8	49.1	40.6	--	2282	2690	2486	--
Croplan	Hyclas 712	Syn	MR	48.8	61.5	89.0	41.2	3.5	49.3	42.0	2109	2505	2701	2603	2438
Croplan	Hyclas 767	Syn	MR	47.3	60.8	87.8	39.6	3.9	50.0	41.1	1816	2439	2731	2585	2329
Croplan	Hyclas 905	H	R	49.5	65.0	89.8	43.3	3.6	48.8	42.4	1601	2460	2632	2546	2231
Croplan	Hyclas 906	H	R	49.5	65.0	89.3	40.7	3.7	48.9	41.4	--	--	2033	--	--
Croplan	Minot	OP	MR	47.8	62.0	89.3	38.5	3.6	49.2	41.2	2072	2669	2122	2396	2288
Croplan	Hyclas 910	H	R	49.5	60.8	89.3	43.8	4.0	48.1	42.6	2137	2795	2919	2857	2617
Croplan	Hyclas 924	H	R	44.3	60.5	87.5	42.9	3.4	50.1	41.0	--	--	2761	--	--
IntegraSeed Ltd.	INT 3789RR	H	R	43.0	59.5	88.0	37.9	3.9	48.7	41.2	--	--	2782	--	--
IntegraSeed Ltd.	RangeRR	Syn	MR	44.0	59.3	87.8	39.2	3.8	48.8	41.1	--	2438	2257	2347	--
Interstate Seed	Hyola 357 Magnum	H	MR	41.5	57.8	86.3	33.3	4.0	48.5	40.2	1999	3085	2409	2747	2498
Interstate Seed	Hyola 514 RR	H	R	47.5	61.5	89.5	44.1	3.6	50.0	42.0	--	2687	2913	2800	--
Interstate Seed	IS 3465RR	OP	R	48.3	60.5	88.0	41.8	3.5	48.4	41.6	--	--	2823	--	--
Interstate Seed	IS 7145RR	H	R	46.8	60.8	87.5	41.4	3.6	50.6	41.1	--	--	3245	--	--
Interstate Seed	SW Marksman RR	H	MR	47.5	61.5	89.0	40.6	3.7	48.7	41.7	1754	2708	2846	2777	2436
Interstate Seed	SW Patriot RR	S	MR	44.8	59.5	87.3	40.2	3.6	49.0	42.6	2035	2237	2624	2430	2299
Interstate Seed	SW Titan RR	H	R	45.0	59.8	88.8	41.9	3.8	49.6	40.6	--	2610	3026	2818	--
Meridian Seeds	1818	OP	R	47.5	61.5	89.3	33.2	3.1	49.1	41.4	--	2831	1849	2340	--
Meridian Seeds	1852H	H	R	47.8	61.3	88.3	38.2	3.7	51.0	40.4	--	--	1992	--	--
Meridian Seeds	1759S	S	R	47.3	60.8	88.8	38.6	3.8	50.5	41.0	--	--	1829	--	--
Monsanto-Dekalb	DKL 34-55	OP	MR	46.8	60.3	88.8	38.4	3.7	49.4	42.2	1820	2159	2741	2450	2240
Monsanto-Dekalb	DKL 35-85	OP	R	47.8	60.8	88.3	40.7	3.5	49.5	41.8	--	--	2459	--	--
Monsanto-Dekalb	DKL 38-25	H	MR	46.5	61.5	89.5	42.8	3.4	49.4	41.7	--	2514	2673	2593	--
Monsanto-Dekalb	DKL 52-10	H	R	46.8	60.5	88.8	44.1	3.5	51.0	41.9	--	2462	2799	2630	--
Monsanto	MB52141	H	R	46.8	60.3	87.5	42.4	3.6	50.0	41.8	--	--	3446	--	--
Monsanto	MB52143	H	R	46.0	60.5	88.3	42.8	3.6	48.8	42.7	--	--	3033	--	--
Monsanto	SW H5263RR	OP	R	48.3	69.0	90.0	40.4	3.4	49.8	41.8	--	2294	2332	2313	--
Monsanto	SWG5246	OP	R	47.0	61.3	88.0	43.8	3.4	50.4	42.5	--	--	2326	--	--

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

Company/Brand	Variety	Type ¹	Black Leg ²	Days	Days	Mature	Plant Height	Seed Weight	Test Weight	Oil ³	Seed Yield			2004	2005	2006	Year	Year
				to 10% Flower	to 90% Flower						2004	2005	2006					
				DAP ⁴	DAP ⁴	DAP ⁴	in	g/1000	lb/bu	%	lb/A							
Monsanto	SW-PF-02-3902	H	R	47.0	61.5	89.0	40.4	3.6	50.6	41.4	--	--	2497	--	--	--	--	--
Monsanto	SW-PF-02-3910	H	R	46.0	61.0	88.5	41.7	3.4	50.6	41.3	--	2327	3054	2690	--	--	--	--
Monsanto	Z5052	H	R	42.8	58.8	85.5	37.1	4.1	48.4	41.4	--	--	2594	--	--	--	--	--
Proseed, Inc	Proseed E30518RR	H	R	47.3	61.5	88.5	34.7	3.2	49.2	42.3	--	--	1883	--	--	--	--	--
Proseed, Inc	Proseed RR 2066	H	R	48.3	61.3	89.0	43.1	3.5	48.2	41.0	2200	2300	2643	2471	2381	--	--	--
SW Seed Ltd.	SW-PI 02-1212	H	R	45.0	61.0	89.8	42.0	3.8	50.6	41.3	--	--	2744	--	--	--	--	--
Pioneer Hi-Bred	45H21	H	R	46.0	60.0	87.8	42.1	3.5	49.2	42.8	--	2203	2634	2419	--	--	--	--
Pioneer Hi-Bred	45H24	H	R	46.5	61.0	89.3	45.8	3.4	48.3	41.0	--	2819	3206	3013	--	--	--	--
Pioneer Hi-Bred	45H26	H	R	46.3	59.5	87.8	41.0	3.3	50.0	43.3	--	--	3183	--	--	--	--	--
LSD 5%	--	--	--	2.3	1.0	1.5	4.4	0.5	0.7	1.7	459	426	557	--	--	--	--	--
C.V.%	--	--	--	3.4	1.1	1.2	7.7	6.3	1.0	2.9	17.1	11.6	15.2	--	--	--	--	--
Mean	--	--	--	46.9	61.1	88.5	40.6	3.6	49.4	41.7	1918	2269	2611	--	--	--	--	--

¹ Type: CL=clearfield systems, H=hybrid, LL=liberty link, OP=open pollinated, SPO=specialty oil, SYN=synthetic

² Blackleg: R=resistant, CR=canker resistant, MR=moderately resistant, S=susceptible, MS=moderately susceptible

Blackleg rating provided by company

³ Oils were adjusted to 8.5% moisture

⁴ DAP=Days after planting