

**2005 Roundup Ready Canola Variety Trial at Hettinger**

Continuously Cropped – Minimum-till

Brand	Variety	Type*	% Plant Stand**	Days to Bloom	Duration of Flowering days	Days to Mature	Plant Height inches	Lodging 0-9***	Oil Content %	Yield lbs/A
Croplan	Crosby	OP	41	73	17	103	32	2.5	41.2	422
	HyCLASS 712	S	76	74	17	104	35	1.8	41.2	904
	HyCLASS 767	S	80	70	19	103	33	1.0	39.0	1151
	HyCLASS 905	H	81	73	18	104	37	1.0	40.9	963
	HyCLASS 910	H	76	73	16	104	33	1.0	41.2	1046
	Minot RR	OP	85	71	18	103	32	1.2	40.5	833
	O4S31	S	78	72	17	103	36	1.2	39.8	895
Dekalb	DKL 34-55	OP	81	71	18	103	38	1.2	41.6	703
	DKL 38-25	H	85	70	18	103	36	1.0	40.5	1152
Interstate	HyLite 225RR	OP	64	70	18	103	33	1.8	40.5	832
	Hyola 357 Mag	H	69	67	20	104	29	1.2	39.2	923
	Hyola 514 RR	H	59	74	18	82	35	2.5	41.7	582
	SW Marksman RR	OP	78	70	19	103	35	1.2	40.6	848
	SW Patriot RR	S	95	70	18	103	36	1.8	39.4	1149
	SW Titan RR	H	74	70	19	104	34	1.8	39.4	1067
Monsanto	AV 9525 RR	H	90	70	18	104	35	1.0	41.2	1009
	PR 9040 RR	OP	78	71	20	104	34	1.0	40.1	878
	SW 5269 RR	H	96	70	18	104	38	1.0	38.6	1386
	Z 2409 RR	H	92	72	18	104	38	1.0	41.0	1207
Proseed	Roughrider Plus	S	50	72	18	104	29	1.5	44.2	715
	RR 2066	H	43	71	18	103	31	2.0	40.4	625
Trial Mean			76	71	18	103	34	1.4	40.6	919
C.V. %			26.1	1.0	3.3	10.6	8.4	41.4	2.5	15.2
LSD .05			28	1	1	NS	4	0.8	1.5	197
LSD .01			37	1	1	NS	5	1.1	1.9	262

\* Type: H = Hybrid, S = Synthetic, OP = Open Pollinated

\*\* % Plant Stand: Visual estimation of surviving plant stand on May 17.

\*\*\* Lodging: 0 = none, 9 = lying flat on ground.

Planting Date: April 6, 2005

Harvest Date: July 28, 2005

Previous Crop: Barley

Note: Hard frosts every night from April 23 – May 4 reduced plant stands and delayed plant growth.