

2008 Canola Variety Trial – Continuously Cropped – No-till

Hettinger

Brand	Variety	Days to Bloom	Duration of Flowering days	Days to Mature	Plant Height inches	Test Weight lbs/bu	Oil Content %	Seed Yield 2007	Seed Yield 2008
<i>Roundup Ready Varieties</i>									
Brett Young	4362RR	56	14	88	46	48.2	34.3	818	
	6051RR	56	15	90	43	49.8	37.4	1104	
	6235RR	58	14	90	44	48.9	37.1	1085	
Croplan	HyCLASS 924	55	16	86	43	51.0	36.4	1643	1202
Genetics	HyCLASS 940	55	14	87	38	51.3	37.0	1725	1162
	HyCLASS 410	57	14	88	45	53.0	37.1	1314	1259
Dekalb	DKL 71-55	56	14	90	42	50.1	39.1	1429	
	DKL 52-41	56	14	88	41	51.7	37.2	1314	1169
	DKL 3042	55	14	88	40	50.8	37.3	1303	
Interstate	IS3057RR	53	16	84	40	50.1	37.8	1725	1197
Seed	IS7145RR	57	15	90	45	49.2	37.5	1602	1104
Monsanto	Z4409	56	14	88	43	50.9	37.2	1202	
	G7003	56	14	87	42	50.4	37.0	1070	
	G72061	57	14	90	41	49.8	38.0	1059	
	G64034	57	14	89	42	52.9	37.4	1406	
	G75011	56	14	88	43	50.6	37.3	1282	
	G75449	56	15	88	44	49.9	36.0	1248	
	G67012	56	14	89	42	49.8	37.3	1242	
	G72021	55	15	88	40	51.9	39.1	1548	
Pioneer	45H21	57	13	89	42	50.4	37.4	1219	
Hi-Bred	06N530R	56	13	88	46	50.8	37.8	1288	
Proseed	50 Calibre	55	16	90	41	49.5	37.4	1396	1620
	30 Calibre	58	14	91	43	49.0	37.5	1232	1410
	2066	56	14	86	43	50.0	37.6	1150	1210
	2030	55	16	90	41	49.7	38.0	1564	
<i>Liberty Link Varieties</i>									
Croplan Gen.	Freedom 84S01	56	14	87	40	49.0	38.6	2054	1192
Trial Mean		56	14	88	42	50.3	37.4	1539	1246
C.V. %		0.7	4.7	1.2	9.0	4.0	1.9	15.2	11.2
LSD .05		1	1	1	NS	NS	1.0	333	197
LSD .01		1	1	2	NS	NS	1.3	443	262

NS = no statistical difference between varieties.

Planting Date: April 23

Harvest Date: July 31

Previous Crop: Field pea

2008 Dormant Seeded Canola Trial - No-till**Hettinger**

Type	Variety	Date of First Bloom	Date of Last Bloom	Test Weight	Oil Content	Seed Yield
Fall Seeded: Nov. 16				lbs/bu	%	lbs/A
Winter	HyCLASS 107w	June 29	July 22	--	--	0
Spring	IS 357 Mag	June 9	July 4	50.7	39.0	1337
Winter	Visby	Poor spring emergence				0
Spring Seeded: April 9						
Winter	HyCLASS 107w	July 10	July 22	--	--	0
Spring	IS 357 Mag	June 14	July 4	50.8	38.6	1562
W. x Spg	Sprinter	June 18	July 11	49.7	38.6	792
C.V. %		0.5	0.5	3.5	2.8	10.2
LSD .05		1 day	1 day	NS	NS	216

NS = no statistical difference between varieties or seeding dates.

Seeding Rate: 500,000 live seeds/A

Harvest Date: August 4

Note: The trial sustained severe late season heat and moisture stress.