

Canola - Liberty Link, Clearfield Varieties - 2009 - Table 1

Langdon

Company/Brand	Variety	Type ¹	Blackleg Rating ²	Days to 1st Flower	Days to End Flower	Flower Duration	Days to Maturity
						days	
Bayer CropScience	674	H,LL,TR	R	49	73	24	103
Bayer CropScience	InVigor 5440	H,LL,TR	R	50	71	21	101
Bayer CropScience	InVigor 5550	H,LL,TR	R	49	72	23	101
Bayer CropScience	InVigor 5630	H,LL,TR	R	49	72	23	101
Bayer CropScience	InVigor 8440	H,LL,TR	R	48	72	23	101
Bayer CropScience	InVigor Health 1141	H,LL,HO	MR	49	74	26	103
Bayer CropScience	InVigor Health 1144	H,LL,HO	MR	48	72	24	102
Brett Young	5525 CL	H,CL,TR	R	51	74	24	103
Canterra Seeds	30120-B6	H,CL,TR	MR	52	76	24	105
DL Seeds	30423-D8	Syn, CL,TR	R	49	73	24	101
DL Seeds	30522-C7	H,CL,TR	R	49	70	21	100
RR Check	HyCLASS 940 ³	H,TR	R	47	68	21	99
RR Check	DKL 72-55 ³	H,TR	R	47	68	21	100
Trial Mean				49	72	23	102
C.V. %				1.0	1.7	4.9	1.0
LSD 5%				0.7	1.8	1.6	1.5

Planting Date: May 18

Harvest Date: September 17

¹H-Hybrid, SYN-Synthetic, LL-Liberty Link, CL-Clearfield System

TR-Traditional Oil type, HO-High Oleic Oil Type

²Blackleg Rating: S=Susceptible, MS=Moderately Susceptible, MR=Moderately Resistant, R=Resistant, Ratings provided by the company.

³Roundup ready check variety.

Company/Brand	Variety	Plant				Yield ¹			Average	
		Height inches	Lodging 0-9	Cover ² %	Oil ¹ %	2007	2008	2009	2 year	3 year
Bayer CropScience	674	40	1.0	93	45.1	--	--	3168	--	--
Bayer CropScience	InVigor 5440	40	0.5	89	43.8	3178	2814	3190	3002	3061
Bayer CropScience	InVigor 5550	39	3.3	91	44.3	2601	2650	2568	2609	2606
Bayer CropScience	InVigor 5630	38	0.8	93	44.6	2667	2762	2973	2867	2801
Bayer CropScience	InVigor 8440	39	0.3	95	44.0	3179	2809	3443	3126	3144
Bayer CropScience	InVigor Health 1141	41	2.8	94	45.5	--	--	3048	--	--
Bayer CropScience	InVigor Health 1144	40	2.0	90	44.1	--	--	3216	--	--
Brett Young	5525 CL	44	0.3	80	43.8	--	--	3291	--	--
Canterra Seeds	30120-B6	44	0.8	89	43.3	2724	2460	3054	2757	2746
DL Seeds	30423-D8	41	1.3	91	41.4	--	--	3302	--	--
DL Seeds	30522-C7	41	1.8	86	43.2	--	--	2786	--	--
RR Check	HyCLASS 940 ³	40	1.0	95	43.3	--	--	3127	--	--
RR Check	DKL 72-55 ³	39	0.8	93	46.9	--	--	3190	--	--
Trial Mean		40	1.3	91	44.1	2540	2540	3104	--	--
C.V. %		4.1	57.8	4.2	2.6	7.2	10.5	10.8	--	--
LSD 5%		2.4	1.0	5.5	1.6	258	367	NS	--	--

¹ - 8.5% moisture

² % Cover- Visual rating of percent area of plot covered by plant growth. This is a measure of stand and vigor. Plants were at 5-6 leaf stage.

³Roundup ready check variety.