

Canola - Conventional, Liberty Link, Clearfield Varieties - 2007 - Table 1

Langdon

Company/Brand	Variety	Type*	Blackleg Rating**	Days to 1st Flower	Days to End Flower	Flower Duration days	Days to Maturity
Agriprogress/Lembke	AP 30120-B6	H,CL,TR	R	50.5	72.3	21.8	94.0
Agriprogress/Lembke	AP 30812-A5	H,CL,TR	R	50.0	74.0	24.0	95.3
Bayer CropScience	InVigor 5440	H,LL,TR	R	49.0	70.8	21.8	92.8
Bayer CropScience	InVigor 5550	H,LL,TR	R	49.8	70.8	21.0	93.8
Bayer CropScience	InVigor 5630	H,LL,TR	R	48.3	71.5	23.3	92.5
Bayer CropScience	InVigor 8440	H,LL,TR	R	47.8	69.8	22.0	93.5
Cibus	Roper	OP,CONV,TR	R	49.8	73.0	23.3	95.5
Croplan Genetics	Python CL	H,CL,TR	R	49.3	72.5	23.3	95.0
Croplan Genetics	Freedom 84501 LL	Syn,LL,TR	MR	48.5	71.3	22.8	94.0
Dow AgroSciences	CNX 06	OP,CL,HO	MR	48.3	69.5	21.3	93.0
Dow AgroSciences	CNX 11	OP,CL,HO	MR	48.8	69.8	21.0	94.0
Dow AgroSciences	Nexera 845 CL	OP,CL,HO	MR	47.5	69.5	22.0	93.3
Dow AgroSciences	Nexera 828 CL	OP,CL,HO	R	52.3	74.8	22.5	97.3
Dow AgroSciences	Nexera 830 CL	OP,CL,HO	R	50.3	72.8	22.5	95.0
Meridian Seeds	1671H	H,CL,TR	MR	50.0	73.3	23.3	95.0
Pioneer Brand	45H73	H,CL,TR	R	47.3	67.8	20.5	91.3
Check***	HyClass 905	H,RR,TR	R	50.5	72.5	22.0	93.8
Check***	IS 7145	H,RR,TR	MR	47.0	69.3	22.3	91.5
Trial Mean				49.1	71.4	22.2	93.9
C.V. %				1.4	1.5	4.9	1.3
LSD 5%				1.0	1.6	1.6	1.7

Planting Date: May 8

Harvest Date: August 24

*OP-Open Pollinated, H-Hybrid, SYN-Synthetic, LL-Liberty Link, CL-Clearfield System, Conv-Conventional TR-Traditional Oil type, HO-High Oleic Oil Type

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

***Roundup ready check variety.

Canola - Conventional, Liberty Link, Clearfield Varieties - Table 2- 2007

Langdon

Company/Brand	Variety	Plant Height inches	LDG 0-9	Cover** %	Oil ¹ %	Yield ¹			Average	
						2005	2006 ²	2007	2	3
						-----lbs/ac-----				
Agriprogress/Lembke	AP 30120-B6	43	1.8	71	41.3	--	--	2724	--	--
Agriprogress/Lembke	AP 30812-A5	44	0.5	66	42.1	--	1919	2646	2283	--
Croplan Genetics	Python CL	43	2.5	78	41.0	--	--	2347	--	--
Dow AgroSciences	CNX 06	39	1.0	84	43.5	--	1303	2236	1769	--
Dow AgroSciences	CNX 11	42	0.5	81	45.3	--	--	2480	--	--
Dow AgroSciences	Nexera 845 CL	39	0.5	81	45.0	--	--	2279	--	--
Dow AgroSciences	Nexera 828 CL	47	0.3	70	39.7	2485	1301	2292	1796	2026
Dow AgroSciences	Nexera 830 CL	42	2.5	79	41.6	--	--	2375	--	--
Meridian Seeds	1671H	43	0.8	70	40.0	--	1731	2472	2101	--
Pioneer Brand	45H73	40	2.8	91	42.3	--	2094	2754	2424	--
Croplan Genetics	Freedom 84501 LL	39	4.8	76	40.5	--	--	2333	--	--
Bayer CropScience	InVigor 5440	42	1.0	86	41.6	--	--	3178	--	--
Bayer CropScience	InVigor 5550	42	2.5	85	44.5	2945	2202	2601	2401	2583
Bayer CropScience	InVigor 5630	41	3.0	80	43.3	2988	2061	2667	2364	2572
Bayer CropScience	InVigor 8440	41	3.5	89	41.5	--	--	3179	--	--
Cibus	Roper	42	3.5	76	43.8	--	1702	1972	1837	--
Check**	HyClass 905	43	3.8	89	42.3	--	--	2597	--	--
Check**	IS 7145	41	5.5	90	43.5	--	--	2596	--	--
Trial Mean		41.8	2.3	80.1	42.4	2510	1566	2540	--	--
C.V. %		4.3	68.0	9.5	3.5	9.7	17.1	7.2	--	--
LSD 5%		2.5	2.2	10.8	2.1	343	377	258.3	--	--

*Roundup ready check variety.

** % 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.

1 - 8.5% moisture

2 - The 2006 trial received some hail damage. Please refer to last year's trial results for further details.