

**NDSU Langdon Research Extension Center**  
**2010 Variety Trial Data**

**Canola - Liberty Link, Clearfield Varieties - 2010 - Table 1** **Langdon**

Company/Brand	Variety	Type <sup>1</sup>	Blackleg Rating <sup>2</sup>	Days to 1st Flower	Days to End Flower	Flower Duration	Days to Maturity
						days	
Bayer Crop Science	InVigor 5440	H,LL,TR	R	48	70	22	94
Bayer Crop Science	InVigor 8440	H,LL,TR	R	46	66	20	92
Bayer Crop Science	InVigor Health 1145	H,LL,HO	R	46	68	22	92
Bayer Crop Science	InVigor L130	H,LL,TR	R	47	68	21	93
Bayer Crop Science	InVigor L150	H,LL,TR	R	47	69	22	93
Croplan Genetics	XCEED 8571	OP,CL,TR	R	42	68	26	93
Croplan Genetics	XCEED 8470	OP,CL,TR	R	42	68	26	93
DL Seeds	09DL30512	H,CL,TR	R	48	69	21	94
Pioneer Brand	45H73	H,CL,TR	R	45	65	20	92
RR Check <sup>3</sup>	HyClass 940	H,RR,TR	R	44	63	19	88
RR Check <sup>3</sup>	DKL 72-55	H,RR,TR	R	41	63	22	87
Trial Mean				45	67	22	92
C.V. %				1.6	1.3	3.5	0.7
LSD 5%				1	1	1	1

Planting Date: May 17

Harvest Date: August 28

<sup>1</sup>H-Hybrid, SYN-Synthetic, LL-Liberty Link, CL-Clearfield System

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

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

<sup>3</sup>Roundup ready check variety.

**NDSU Langdon Research Extension Center**  
**2010 Variety Trial Data**

**Canola - Liberty Link, Clearfield Varieties - 2010 - Table 2** **Langdon**

Company/Brand	Variety	Plant		Cover <sup>2</sup>	Oil <sup>1</sup>	Yield <sup>1</sup>			Average	
		Height	Lodging			2008	2009	2010	2	3
		inches	0-9	%	%	-----lbs/ac-----				
Bayer Crop Science	InVigor 5440	50	2.0	59	43.6	2814	3190	3381	3286	3128
Bayer Crop Science	InVigor 8440	47	1.0	61	45.5	2809	3443	3445	3444	3232
Bayer Crop Science	InVigor Health 1145	47	2.0	60	46.4	--	--	3119	--	--
Bayer Crop Science	InVigor L130	49	2.3	64	44.6	--	--	3294	--	--
Bayer Crop Science	InVigor L150	50	2.0	59	44.5	--	--	3308	--	--
Croplan Genetics	XCEED 8571	51	1.5	51	41.4	--	--	3314	--	--
Croplan Genetics	XCEED 8470	47	1.5	40	44.2	--	--	2612	--	--
DL Seeds	09DL30512	46	2.8	41	43.8	--	--	2970	--	--
Pioneer Brand	45H73	44	2.0	59	44.3	--	--	3099	--	--
RR Check <sup>3</sup>	HyClass 940	42	3.5	73	44.5	--	3127	3090	3108	--
RR Check <sup>3</sup>	DKL 72-55	42	3.0	73	44.8	--	3190	3090	3140	--
Trial Mean		47	2.1	58	44.3	2540	3104	3157	--	--
C.V. %		3.5	25.8	12.5	2.6	10.5	10.8	5.6	--	--
LSD 5%		2	0.8	10.5	1.7	367	NS	255	--	--

<sup>1</sup> - 8.5% moisture

<sup>2</sup> % 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.

<sup>3</sup> Roundup ready check variety.