

POLISH CANOLA

Polish canola (*Brassica rapa*) varieties generally yield 15 to 20% less than Argentine (*Brassica napus*) types, but mature two to three weeks earlier. Polish varieties are more resistant to shattering and have seeds that are yellow-brown with generally less chlorophyll than Argentine canola. Polish varieties are more susceptible to *root maggot* and *brown girdling root rot* damage. *Brown girdling root rot* is a concern for Polish Canola in the B.C. Peace region, as it reduces yield and causes problems for swathing.

Blackleg has occurred in both the BC and Alberta Peace region, and Polish canola is susceptible to *blackleg*, although not as susceptible as Argentine canola. This is because Polish canola matures earlier which tends to reduce the impact of this disease. *Blackleg resistant* Polish canola varieties are not expected for another few years, and so to help prevent the spread of *blackleg* to your farm, plant only certified seed (tested for *blackleg*) in a minimum rotation of four years. All canola seed should be treated with the full rate of a seed treatment that controls *seed borne blackleg*. Ensure that the seed treatment contains one of the following active ingredients: *benomyl*, *carbathiin*, *iprodione* or *thiabendazole*. Two races of *white rust* (staghead) exist in the area, *Race 7a* and *7v*. All Polish varieties are susceptible to race *7v*. Another strain, *2a*, has been recently identified in the Peace and is the subject of further study.

Seeding depth, like all canolas, should be 0.5 to 1.5 inches, and seed should be placed only deep enough to reach moisture - basically, shallow is better than deep. If soil is dry down to two inch depth, it is better to seed shallow and wait for rain.

Polish Canola		Yield as % of Reward									
Variety	Dawson Creek				Fort St. John				B.C. Peace		
	2001 Yield		1994-2001		2001 Yield		1994-2001		2001	1993-2001	
	bus / acre	% of check	Avg. (%)	Strn. Yrs.	bus / acre	% of check	Avg. (%)	Strn. Yrs.	Avg. (%)	Avg. (%)	Strn. Yrs.
SW C3467	45 a	102	102	[1]	42 a	118	118	[1]	110	110	[2]
SW HIGH LEVEL	47 a	108	108	[1]	36 ab	103	107	[2]	105	107	[3]
41P55	39 b	90	90	[1]	32 ab	92	101	[3]	91	96	[4]
FOOTHILLS	39 b	88	93	[2]	30 b	85	92	[4]	86	92	[6]
REWARD	44 a	100	100	[5]	35 ab	100	100	[8]	100	100	[13]
	LSD (P=.05) = 4.24				11.50						
	CV value (%) = 6.43				17.43						
<u>Varieties not tested in 2001 (Averages 1989-2000)</u>						<u>Last Year Tested</u>					
AC PARKLAND			102	[1]		94	[3]	(1992)	98	[4]	
AC SUNBEAM			121	[1]		110	[4]	(2000)	115	[5]	
AC SUNSHINE			93	[3]		89	[3]	(1996)	91	[6]	
CASH			102	[4]		97	[6]	(2000)	99	[10]	
CHINOOK			81	[2]		91	[2]	(1995)	86	[4]	
COLT			98	[2]		95	[4]	(1994)	97	[6]	
ELDORADO			92	[3]		97	[5]	(1995)	95	[8]	
FAIRVIEW			108	[2]		107	[5]	(2000)	107	[7]	
GOLDRUSH			87	[3]		93	[3]	(1996)	90	[6]	
HORIZON			98	[2]		90	[4]	(1994)	94	[6]	
HYSYN 100			91	[3]		94	[3]	(1996)	93	[6]	
HYSYN 110			104	[3]		101	[5]	(2000)	102	[8]	
HYSYN 111			114	[2]		107	[4]	(2000)	111	[6]	
HYSYN 120 CS			106	[1]		104	[3]	(2000)	105	[4]	
KLONDIKE			97	[2]		97	[2]	(1995)	97	[4]	
MAVERICK			97	[4]		99	[7]	(2000)	98	[11]	
NORWESTER						106	[2]	(1998)	106	[2]	
SHAMROCK			83	[1]		98	[2]	(1999)	90	[3]	
VALLEYVIEW			105	[1]		96	[4]	(2000)	100	[5]	
WESTWIN			94	[2]		108	[4]	(1998)	101	[6]	

Means followed by the same letter do not significantly differ (P=.05, LSD)

* first year tested, very limited data available

REWARD - check variety

Polish Canola		Variety Descriptions					
Variety	Type	B.C.Peace Averages (1994 - 2001)		Straw Strength	Blackleg Tolerance	White Rust Resistance	Distributor
		Maturity (days to)	Height (cm)				
SW C3467	OP	109		F	4	1	Svalof Weibull
SW HIGH LEVEL	OP	112	94	F	4	1	Svalof Weibull
<input type="checkbox"/> 41P55	OP	103	115	F	4	2	Proven Seeds
<input type="checkbox"/> FOOTHILLS	OP	107	86	F	4	1	Svalof Weibull
REWARD	OP	104	96	F	4	1	SeCan
<u>Varieties not tested in 2001 (Averages 1989-2000)</u>							
AC PARKLAND		99	78				SeCan
AC SUNBEAM	OP	102	83	F	4	1	SeCan
CASH	SYN	104	100	F	4	1	Moore Seed
CHINOOK		105	105	F	4	1	Limagrain
COLT		99	84				Agricore United
ELDORADO		101	85	F	4	4	Proven Seed
FAIRVIEW	SYN	104	97	F	4	3	Agricore United
GOLDRUSH		102	84	F	4	1	Proven Seed
HORIZON		99	79	F	4	4	Agricore United
HYSYN 110		102	107	F	4	1	Zeneca
HYSYN 111		105	103	F	4	3	Zeneca
HYSYN 120 CS		104	87	F	4	2	Zeneca
KLONDIKE		107	111	F	4	1	Proven Seed
<input type="checkbox"/> MAVERICK	OP	104	99	F	4	1	Agricore United
NORWESTER		101	112	F	4	2	Prairie Seeds
SHAMROCK		103	55	F	4	1	Svalof Weibull
<input type="checkbox"/> VALLEYVIEW	OP	104	91	F	4	2	Agricore United
<input type="checkbox"/> WESTWIN	SYN	102	106	F	4	1	Svalof Weibull

REWARD - check variety

EX = excellent, **VG** = very good, **G** = good, **F** = fair, **P** = poor

1 = tolerant, **2** = moderately tolerant, **3** = moderately susceptible, **4** = susceptible, **5** = highly susceptible

OP = open pollinated, **SYN** = synthetic, **HYB** = hybrid

* first year tested, very limited data available

■ Protection by Plant Breeders' Rights

□ Protection under Plant Breeders' Rights applied for

ARGENTINE CANOLA

Argentine Canola (conventional)		Yield as % of Legacy								
		Dawson Creek			Fort St. John			B.C. Peace		
Variety	Type	2001	1997-2001		2001	1996-2001		2001	1996-2001	
		% of check	Avg. (%)	Stn. Yrs.	% of check	Avg. (%)	Stn. Yrs.	Avg. (%)	Avg. (%)	Stn. Yrs.
46A65	OP	113	113	[2]	102	99	[4]	108	106	[6]
CANTERRA 1492	HYB	115	110	[2]	118	105	[4]	116	107	[6]
<i>BIANCA II</i> *	OP	91	91	[1]	98	98	[1]	94	94	[2]
Hi-Q	OP	105	94	[2]	104	102	[3]	105	98	[5]
HYCORE 601	HYB	113	113	[1]	122	114	[2]	117	114	[3]
IMC 105	OP	107	107	[1]	105	105	[1]	106	106	[2]
LEGACY	OP	100	100	[4]	100	100	[7]	100	100	[11]
LG3311	-	113	108	[2]	102	102	[3]	107	105	[5]
<i>LG3525</i> *	-	104	104	[1]	101	101	[1]	102	102	[2]
<i>LIBRED 279</i> *	OP	112	112	[1]	107	107	[1]	110	110	[2]
PEACE (A99-5N)	OP	102	102	[1]	95	95	[2]	98	99	[3]
Q2	OP	108	103	[3]	108	107	[5]	108	105	[8]
SKYHAWK	OP	107	107	[1]	109	107	[2]	108	107	[3]
<i>SP ARMADA</i> *	OP	110	110	[1]	110	110	[1]	110	110	[2]
SWB5001	HYB	107	107	[1]	108	101	[2]	107	104	[3]
THUNDER	OP	119	119	[1]	108	106	[2]	113	112	[3]
<u>Varieties not tested in 2001 (Averages 1996-2000)</u>							<u>Last Year Tested</u>			
44A89					88	[2]	(1998)	88	[2]	
ASCENT			100	[1]	106	[2]	(2000)	103	[3]	
AGASSIZ			88	[1]	100	[3]	(2000)	94	[4]	
BATTLEFORD			109	[1]	101	[1]	(1999)	105	[2]	
CANTERRA1134CA			96	[1]	101	[1]	(1999)	98	[2]	
CANTERRA1174CA			104	[1]	109	[1]	(1999)	106	[2]	
CLAVET			86	[1]	95	[2]	(1998)	90	[3]	
DEFENDER			92	[2]	94	[4]	(1999)	93	[6]	
EAGLE			103	[1]	97	[3]	(1998)	100	[4]	
FOREMOST			83	[1]	102	[2]	(2000)	93	[3]	
<i>HERALD</i> *					103	[1]	(2000)	103	[1]	
HUDSON			85	[2]	92	[3]	(1999)	88	[5]	
HY-PER Star 100			89	[1]	104	[3]	(2000)	96	[4]	
IMPULSE			105	[2]	105	[4]	(1999)	105	[6]	
LG 3220			90	[1]	93	[1]	(1999)	91	[2]	
LG 3333			95	[1]	94	[2]	(1999)	94	[3]	
LG3366			84	[1]	102	[2]	(2000)	93	[3]	
LG 3369			107	[1]	86	[2]	(1999)	96	[3]	
<i>LG5347</i> *					112	[1]	(2000)	112	[1]	
MAGELLAN			71	[1]	99	[2]	(2000)	85	[3]	
MAGNUM			81	[1]	93	[5]	(2000)	87	[6]	
OAC DYNAMITE			80	[1]	99	[1]	(1999)	90	[2]	
OPTIMUM 500					95	[2]	(1998)	95	[2]	
PGS.3640			109	[1]	109	[1]	(1999)	109	[2]	
QUANTUM			93	[1]	106	[4]	(1999)	100	[5]	
SENTRY			84	[1]	107	[2]	(1999)	95	[3]	
SPRINT					82	[3]	(1998)	82	[3]	
<i>SW HOTSHOT</i> *					97	[1]	(2000)	97	[1]	
SYNBRID 220			93	[1]	101	[1]	(1999)	97	[2]	

LEGACY - check variety

* first year tested, very limited data available
 OP = Open Pollinated SYN = Synthetic
 HYB = Hybrid

HERBICIDE TOLERANT CANOLA

Argentine Canola (herbicide tolerant)		Yield as % of Legacy								
Variety	Type	Dawson Creek			Fort St. John			B.C. Peace		
		2001	1998-2001		2001	1998-2001		2001	1998-2001	
		% of check	Avg. (%)	Stn. Yrs.	% of check	Avg. (%)	Stn. Yrs.	Avg. (%)	Avg. (%)	Stn. Yrs.
LEGACY	conventional	100	100	[4]	100	100	[7]	100	100	[11]
295 BX	Navigator/Compas	99	95	[2]	107	101	[3]	103	98	[5]
ARMOR BX	Navigator/Compas	119	108	[2]	107	102	[3]	113	105	[5]
CARTIER BX	Navigator/Compas	102	84	[2]	107	101	[3]	105	92	[5]
<i>RENEGADE BX</i> *	Navigator/Compas	109	109	[1]	108	108	[1]	109	109	[2]
ZODIAC BX	Navigator/Compas	94	94	[1]	104	100	[2]	99	97	[3]
4.99RR	Roundup-Ready	116	116	[1]	113	112	[2]	115	114	[3]
45A55 *	Roundup-Ready	113	113	[1]	98	98	[1]	105	105	[2]
A99-13NR *	Roundup-Ready	108	108	[1]	103	103	[1]	105	105	[2]
ARCHER *	Roundup-Ready	119	119	[1]	107	107	[1]	113	113	[2]
CANTERRA 1812 *	Roundup-Ready	112	112	[1]	106	106	[1]	109	109	[2]
CANTERRA 1867	Roundup-Ready	104	104	[1]	101	100	[2]	103	102	[3]
CONQUEST	Roundup-Ready	104	98	[2]	101	103	[3]	102	101	[5]
DS-ROUGH RIDER	Roundup-Ready	104	104	[1]	102	104	[2]	103	104	[3]
HERITAGE	Roundup-Ready	103	103	[1]	93	94	[2]	98	98	[3]
HYLITE 225RR	Roundup-Ready	109	109	[1]	102	107	[2]	105	108	[3]
HYOLA454RR	Roundup-Ready	105	105	[1]	105	105	[2]	105	105	[3]
IMC 106RR *	Roundup-Ready	109	109	[1]	92	92	[1]	101	101	[2]
KELSEY (A99-15NR)	Roundup-Ready	113	113	[1]	89	94	[2]	101	104	[3]
LBD449RR *	Roundup-Ready	105	105	[1]	98	98	[1]	102	102	[2]
LBD561RR *	Roundup-Ready	111	111	[1]	103	103	[1]	107	107	[2]
LBD799RR-S *	Roundup-Ready	115	115	[1]	111	111	[1]	113	113	[2]
LG3235	Roundup-Ready	107	97	[2]	94	97	[3]	100	97	[5]
LG3455	Roundup-Ready	113	113	[1]	100	96	[2]	107	105	[3]
RR CHAMPION *	Roundup-Ready	105	105	[1]	99	99	[1]	102	102	[2]
SW GLADIATORR *	Roundup-Ready	125	125	[1]	121	121	[1]	123	123	[2]
SW RAZOR	Roundup-Ready	106	106	[1]	110	108	[2]	108	107	[3]
SW RIDER	Roundup-Ready	119	107	[2]	111	109	[3]	115	108	[5]
INVIGOR2573	Liberty Link	126	126	[1]	129	122	[2]	127	124	[3]
INVIGOR2733 *	Liberty Link	126	126	[1]	129	129	[1]	127	127	[2]
INVIGOR2663	Liberty Link	126	126	[1]	129	123	[2]	127	124	[3]
SW FLARE LL *	Liberty Link	109	109	[1]	113	113	[1]	111	111	[2]
45A77 *	Clearfield	116	116	[1]	123	123	[1]	119	119	[2]
HYLITE 215 CL *	Clearfield	101	101	[1]	109	109	[1]	105	105	[2]
HYLITE 243 CL *	Clearfield	106	106	[1]	113	113	[1]	110	110	[2]

LEGACY - check variety

* first year tested, very limited data available

Note: "System Varieties", (Clearfield, Roundup-Ready, Navigator/Compas, or Liberty Link), are grown together in with "conventional" argentine varieties, and as such, conventional herbicide regimes are used to control weeds. (Refer to page 6 for herbicides used).

Argentine Canola (herbicide tolerant)		Yield as % of Legacy					
Variety	Type	<u>Dawson Creek</u>		<u>Fort St. John</u>		<u>B.C. Peace</u>	
		<u>1998-2000</u>		<u>1998-2000</u>		<u>1998-2000</u>	
		Avg. (%)	Stn. Yrs.	Avg. (%)	Stn. Yrs.	Avg. (%)	Stn. Yrs.
<u>Varieties not tested in 2001 (Averages 1997-2000)</u>				<u>Last Year Tested</u>			
2631LL	Liberty Link	71	[1]	86	[3]	(2000)	79 [4]
44A53 *	Round-Up Ready			97	[1]	(2000)	97 [1]
45A51	Round-Up Ready	88	[1]	97	[2]	(1999)	93 [3]
45A54 *	Round-Up Ready			102	[1]	(2000)	102 [1]
45A71	Smart Trait	97	[1]	94	[3]	(1998)	96 [4]
46A72	Smart Trait	115	[1]	100	[2]	(1997)	108 [3]
46A73	Smart Trait	90	[1]	93	[2]	(1999)	92 [3]
46A76	Clearfield	93	[1]	110	[2]	(2000)	101 [3]
46A52	Round-Up Ready	83	[1]	101	[1]	(1999)	92 [2]
ADMIRAL BX	Navigator/Compas	81	[1]	109	[1]	(1999)	95 [2]
EXCEED	Liberty Link	91	[1]	102	[2]	(1999)	96 [3]
INDEPENDENCE	Liberty Link	100	[1]	106	[2]	(1997)	103 [3]
INNOVATOR	Liberty Link	95	[1]	105	[3]	(1997)	100 [4]
INVIGOR2153	Liberty Link	101	[1]	104	[3]	(2000)	103 [4]
INVIGOR2273	Liberty Link	106	[1]	114	[2]	(2000)	110 [3]
INVIGOR 2463	Liberty Link	109	[1]	101	[1]	(1999)	105 [2]
INVIGOR 2473	Liberty Link	89	[1]	93	[1]	(1999)	91 [2]
INVIGOR 2563 *	Liberty Link			107	[1]	(2000)	107 [1]
INVIGOR 2673 *	Liberty Link			119	[1]	(2000)	119 [1]
LG3295	Round-Up Ready	77	[1]	92	[2]	(1999)	84 [3]
LG3345	Round-Up Ready	92	[1]	109	[2]	(2000)	100 [3]
LG DAWN	Round-Up Ready	107	[1]	105	[2]	(2000)	106 [3]
QUEST	Round-Up Ready	96	[2]	95	[4]	(1999)	95 [6]
SW ARROW	Round-Up Ready	94	[1]	103	[3]	(2000)	99 [4]
SW LEGION LL	Liberty Link	90	[1]	101	[1]	(1999)	96 [2]
SW LIBERATOR *	Liberty Link			96	[1]	(2000)	96 [1]
SW VULCAN LL *	Liberty Link			110	[1]	(2000)	110 [1]
SW WARRIOR *	Round-Up Ready			100	[1]	(2000)	100 [1]

LEGACY - check variety

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Argentine Canola

Variety Descriptions

Variety	Type	Herbicide Tolerance	B.C. Peace Avg. (1996-2001**)		Straw Strength	Blackleg Tolerance	Distributor
			Days to Mature	Height cm			
<input type="checkbox"/> 295 BX	OP	Navigator/Compas	125	122	G	3	Svalof Weibull Ltd.
4.99RR	-	Roundup-Ready	124	126			Brett-Young/DSV/Prairie Seed
45A55 *	-	Roundup-Ready	134		G	1	UGG/Proven Seed
45A77 *	-	Clearfield	133				UGG/Proven Seed
<input checked="" type="checkbox"/> 46A65	OP	(conventional)	120	109	G	1	Pioneer Hi-Bred
A99-13NR *	-	Roundup-Ready	137				Agricore United
ARCHER *	-	Roundup-Ready	134				
<input type="checkbox"/> ARMOR BX	OP	Navigator/Compas	123	120	G	3	Svalof Weibull Ltd.
BIANCA II *	OP	(conventional)	137		EX	1	Quality Assured
CANTERRA1492	HYB	(conventional)	125	118	VG	3	Canterra
CANTERRA1812 *	SYN	Roundup-Ready	133		EX	2	Canterra
<input checked="" type="checkbox"/> CANTERRA1867	OP	Roundup-Ready	128	128	VG	3	Canterra
<input type="checkbox"/> CARTIER BX	OP	Navigator/Compas	123	121	G	2	Svalof Weibull Ltd.
<input type="checkbox"/> CONQUEST	OP	Roundup-Ready	124	126	EX	1	Agricore United
<input type="checkbox"/> DS-ROUGH RIDER	OP	Roundup-Ready	130	130	EX	3	Agriprogress
<input type="checkbox"/> HERITAGE	OP	Roundup-Ready	127	124	VG	2	IMC Cargill
<input type="checkbox"/> Hi-Q	OP	(conventional)	126	121	EX	1	Agricore United
HYCORE 601	HYB	(conventional)	131	129	VG	2	Agricore United
<input type="checkbox"/> HYLITE 215 CL *	OP	Clearfield	137		EX	3	Advanta
<input type="checkbox"/> HYLITE 225RR	OP	Roundup-Ready	122	127	EX	2	Advanta
<input type="checkbox"/> HYLITE 243 CL *	OP	Clearfield	137		EX	3	Advanta
HYOLA 454RR	HYB	Roundup-Ready	126	127	VG	2	Advanta
IMC 105	OP	(conventional)	133		VG	3	IMC Cargill
IMC 106RR *	OP	Roundup-Ready	134		VG	2	IMC Cargill
INVIGOR 2573	HYB	Liberty Link	133	128	VG	1	Aventis
INVIGOR 2663	HYB	Liberty Link	129	124	VG	1	Aventis
INVIGOR 2733 *	HYB	Liberty Link	133		VG	2	Aventis
KELSEY (A99-15NR)	OP	Roundup-Ready	126	123	EX	2	Agricore United
LBD449RR *	OP	Roundup-Ready	129		EX	1	Brett-Young/DSV
LBD561RR *	OP	Roundup-Ready	132		VG	2	Brett-Young/DSV
LBD799RR-S *	SYN	Roundup-Ready	134		VG	2	Brett-Young/DSV
<input checked="" type="checkbox"/> LEGACY	OP	(conventional)	121	114			Svalof Weibull Ltd.
<input checked="" type="checkbox"/> LG3235	OP	Roundup-Ready	122	118	VG	2	Limagrain
<input type="checkbox"/> LG3311	OP	(conventional)	123	118	G	1	Limagrain
<input type="checkbox"/> LG3455	OP	Roundup-Ready	125	130	VG	2	Limagrain
LG3525 *	-	Roundup-Ready	134				
LIBRED 279 *	OP	(conventional)	135		VG	2	Brett-Young/DSV
<input type="checkbox"/> PEACE (A99-5N)	OP	(conventional)	118	122	VG	2	Agricore United
<input checked="" type="checkbox"/> Q2	OP	(conventional)	125	109	EX	1	Agricore United
<input type="checkbox"/> RENEGADE BX *	OP	Navigator/Compas	134		VG	2	Sask Wheat P.
<input type="checkbox"/> RR CHAMPION *	OP	Roundup-Ready	134		VG	2	Prairie Seeds
<input type="checkbox"/> SKYHAWK	OP	(conventional)	125	125	G	1	Newfield/Promark
SP ARMADA *	OP	(conventional)	135		VG	2	Sask Wheat P.
<input type="checkbox"/> SW FLARE LL *	OP	Liberty Link	133		VG	2	Quality Assured
SW GLADIATORR *	SYN	Roundup-Ready	131		VG	2	Quality Assured
SW RAZOR	SYN	Roundup-Ready	125	124	VG	2	Bonis & Co.
SW RIDER	SYN	Roundup-Ready	124	118	VG	3	Bonis & Co.
SWB5001	HYB	(conventional)	126	130	VG	1	Bonis & Co.
THUNDER	OP	(conventional)	126	126	G	2	DSV Canada
<input type="checkbox"/> ZODIAC BX	OP	Navigator/Compas	127	127	G	2	Svalof Weibull

1996-2001** = averaged data period for conventional types, 1998-2001 for herbicide tolerant types.

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Protection under Plant Breeders' Rights applied for

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OP = open pollinated, **SYN** = synthetic, **HYB** = hybrid

Argentine Canola			Variety Descriptions				
Variety	Type	Herbicide Tolerance	B.C.Peace Avg. (1996-2000**)		Straw Strength	Blackleg Tolerance	Distributor
			Days to Mature	Height cm			
<u>Varieties not tested in 2001 (Averages 1996-2000 **)</u>							
2631LL	OP	Liberty Link	115	111	G	3	Bonis & Co.
44A53 *	OP	Roundup-Ready	111	124	G	1	Proven
■ 45A54 *	OP	Roundup-Ready	122	129	G	1	Pioneer Hi-Bred
■ 46A76	OP	Clearfield	124	124	G	1	Proven Seed
Agassiz	OP	(conventional)	125	124	G	2	Brett Young
ASCENT	OP	(conventional)	120	128	G	3	Brett Young
FOREMOST	OP	(conventional)	121	124	VG	2	Seed-Link
HERALD *		(conventional)	112	127			Brett Young
HY-PER Star 100	HYB	(conventional)	119	117	VG	3	Agriprogress
INVIGOR 2153	HYB	Liberty Link	118	117	G	3	AgrEvo
INVIGOR 2273	HYB	Liberty Link	122	131	G	2	AgrEvo
INVIGOR 2563 *	HYB	Liberty Link	119	126			Aventis
INVIGOR 2673 *	HYB	Liberty Link	125	127			Aventis
■ LG3345	OP	Roundup-Ready	117	117	VG	2	Limagrain
LG3366	OP	(conventional)	118	118	G	1	Limagrain
LG5347 *	OP	(conventional)	111	129			Limagrain
LG DAWN	OP	Roundup-Ready	114	117	VG	2	Limagrain
MAGELLAN	OP	(conventional)	123	126	G	3	IMC Cargill
■ MAGNUM	OP	(conventional)	120	116	G	2	Limagrain
□ SW ARROW	OP	Roundup-Ready	118	112	G	3	Bonis & Co.
SW HOTSHOT *		(conventional)	105	126			
SW LIBERATOR *		Liberty Link	108	125			Svalof Weibull
SW VULCAN LL *		Liberty Link	101	126			
SW WARRIOR *	OP	Roundup-Ready	108	125	G	2	Bonis & Co.

1996-2000** = averaged data period for conventional types, 1998-2000 for herbicide tolerant types.

OP = Open Pollinated

SYN = Synthetic

HYB = Hybrid

Protected by Plant Breeders' Rights :

45A54	CANTERRA1867	LG3345
46A65	LEGACY	MAGNUM
46A76	LG3235	Q2

Protection under Plant Breeders' Rights has been applied for :

295 BX	Hi-Q	PEACE (A99-5N)
ARMOR BX	HYLITE 215 CL*	RENEGADE BX *
CARTIER BX	HYLITE 225RR	RR CHAMPION *
CONQUEST	HYLITE 243 CL *	SKYHAWK
DS-ROUGH RIDER	LG3311	SW ARROW
HERITAGE	LG3455	SW FLARE LL *

Argentine Canola

Regional Variety Performance 1996-2001

