

POLISH CANOLA

Polish canola (*Brassica rapa*) varieties generally yield considerably less than Argentine (*Brassica napus*) types, but mature two to three weeks earlier than the majority of Argentine types. 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, but has never become a big concern. Polish canola is susceptible to *blackleg*, but is not as susceptible to it as Argentine canola due to the fact Polish canola matures earlier reducing the impact of this disease. Even though *Blackleg* is not a big concern, to keep it that way, all canola seed should be treated with the full rate of a seed treatment that controls *seed borne blackleg*, such as 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 identified in the Peace, and is still being watched for.

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

Polish Canola Variety	Combined Regional & WCC/RRC test in 2002								Yield as % of Reward		
	Dawson Creek				Fort St. John				B.C. Peace		
	2002 Yield		1994-2002		2002 Yield		1994-2002		2002	1993-2002	
	bus / acre	% of check	Avg. (%)	Stn. Yrs.	bus / acre	% of check	Avg. (%)	Stn. Yrs.	Avg. (%)	Avg. (%)	Stn. Yrs.
ACS-C7*	24 b	78	78	[1]	23 b	77	77	[1]	78	78	[2]
AC Parkland (last tested '92)	24 b	79	91	[2]	23 b	76	90	[4]	78	90	[6]
AC Sunbeam (last tested '00)	24 b	77	99	[2]	23 b	77	103	[5]	77	101	[7]
SW E3255 ^{1*} experimental	33 a	107	2	[1]	32 a	108	5	[1]	108	3	[2]
REWARD	31 a	100	100	[6]	30 ab	100	100	[9]	100	100	[15]
	LSD (P=.05) = 3.68				5.77						
	CV value (%) = 6.43				**21.93						
** FSJ data kept as backed up by DC data											
	<u>Varieties not tested in 2002 (Averages 1989-2001)</u>						<u>Last Year Tested</u>				
41P55			90	[1]			101	[3]	(2001)	96	[4]
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]
FOOTHILLS			93	[2]			92	[4]	(2001)	92	[6]
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]
SW C3467			102	[1]			118	[1]	(2001)	110	[2]
SW HIGH LEVEL			108	[1]			107	[2]	(2002)	107	[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

SW E3255¹ = not currently registered

Polish Canola		Combined Regional & WCC/RRC test in 2002					Variety Descriptions	
Variety	Type	B.C.Peace Averages (1994 - 2002)		Straw Strength	Blackleg Tolerance	White Rust Resistance	Distributor	
		Maturity (days to)	Height (cm)					
ACS-C7*	SYN	115 [1]	70 [2]				AAFC Sask	
AC Parkland		101 [5]	77 [6]				SeCan	
AC Sunbeam	OP	103 [6]	80 [7]	F	4	1	SeCan	
SW E3255 ¹ exper.		122 [1]	73 [2]				Svalof Weibull	
REWARD	OP	105 [14]	93 [15]	F	4	1	SeCan	
Varieties not tested in 2002 (Averages 1989-2001)								
<input type="checkbox"/> 41P55	OP	103	115	F	4	2	Proven Seeds	
CASH	SYN	104	100	F	4	1	Moore Seed	
CHINOOK		105	105	F	4	1	Monsanto	
COLT		99	84				Agricore United	
ELDORADO		101	85	F	4	4	Proven Seed	
FAIRVIEW	SYN	104	97	F	4	3	Agricore United	
FOOTHILLS	OP	107	86	F	4	1	Svalof Weibull	
GOLDRUSH		102	84	F	4	1	Proven Seed	
HORIZON		99	79	F	4	4	Agricore United	
HYSYN 110		102	107	F	4	1	Advanta	
HYSYN 111		105	103	F	4	3	Advanta	
HYSYN 120 CS		104	87	F	4	2	Advanta	
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	
SW C3467	OP	109		F	4	1	Svalof Weibull	
SW HIGH LEVEL	OP	112	94	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	Libred	

REWARD - check variety

SW E3255¹ = not currently registered

[] = No. of Station Years

Maturity in Dawson Creek not used in 2002
due to drought induced regrowth affecting results.

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

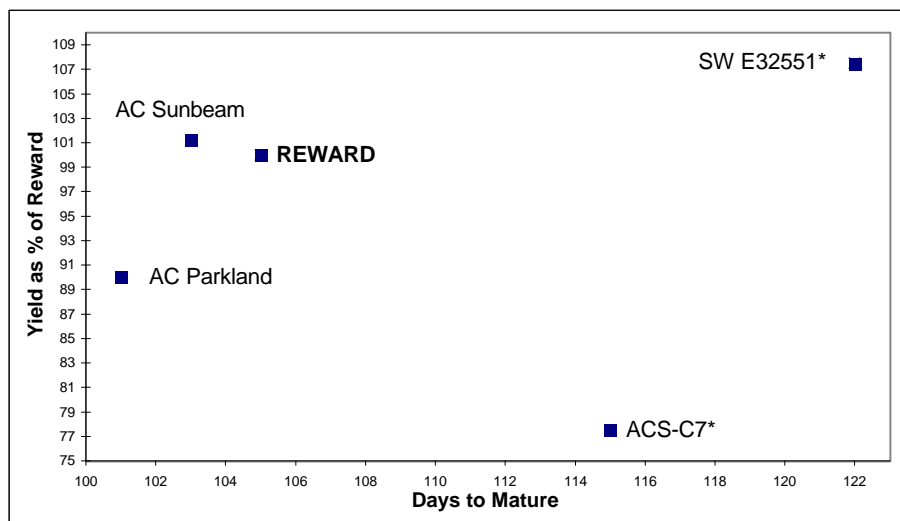
□ Protection under Plant Breeders' Rights applied for

Polish Canola

Regional Variety

Performance

1996 - 2002



ARGENTINE CANOLA

Argentine Canola (conventional)		Yield as % of Legacy									
Variety	Type	Dawson Creek			Fort St. John			B.C. Peace			
		2002**	1997-2002		2002	1996-2002		2002	1996-2002		
		% of check	Avg. (%)	Stn. Yrs.	% of check	Avg. (%)	Stn. Yrs.	Avg. (%)	Avg. (%)	Stn. Yrs.	
46A65	OP	-	113	[2]	101	100	[6]	101	106	[8]	
46H02 (NS4442) *	HYB	-			103	103	[1]	103	103	[1]	
BIANCA II ¹	OP	-	91	[1]	95	97	[2]	95	94	[3]	
LEGACY	OP	-	100	[4]	100	100	[9]	100	100	[13]	
LO-LINDA *		-			80	80	[1]	80	80	[1]	
MILLENNIUM 03 ² *	HEAR	-			84	84	[1]	84	84	[1]	
PEACE (A99-5N)	OP	-	102	[1]	84	92	[3]	84	97	[4]	
Q2	OP	-	103	[3]	89	102	[7]	89	102	[10]	
SKYHAWK	OP	-	107	[1]	99	104	[3]	99	105	[4]	
SP ARMADA	OP	-	110	[1]	114	112	[2]	114	111	[3]	
<u>Varieties not tested in 2002 (Averages 1996-2001)</u>						<u>Last Year Tested</u>					
ASCENT			100	[1]	106	[2]	(2000)	103	[3]		
AGASSIZ			88	[1]	100	[3]	(2000)	94	[4]		
BATTLEFORD *			109	[1]	101	[1]	(1999)	105	[2]		
CANTERRA 1134CA *			96	[1]	101	[1]	(1999)	98	[2]		
CANTERRA 1174CA *			104	[1]	109	[1]	(1999)	106	[2]		
CANTERRA 1492			110	[2]	105	[4]	(2001)	107	[6]		
DEFENDER			92	[2]	94	[4]	(1999)	93	[6]		
FOREMOST			83	[1]	102	[2]	(2000)	93	[3]		
HERALD *					103	[1]	(2000)	103	[1]		
Hi-Q			94	[2]	102	[3]	(2001)	98	[5]		
HUDSON			85	[2]	92	[3]	(1999)	88	[5]		
HYCORE 601			113	[1]	114	[2]	(2001)	114	[3]		
HY-PER Star 100			89	[1]	104	[3]	(2000)	96	[4]		
IMC 105 *			107	[1]	105	[1]	(2001)	106	[2]		
IMPULSE			105	[2]	105	[4]	(1999)	105	[6]		
LG 3220 *			90	[1]	93	[1]	(1999)	91	[2]		
LG3311			108	[2]	102	[3]	(2001)	105	[5]		
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]		
LG3525 *			104	[1]	101	[1]	(2001)	102	[2]		
LG5347 *					112	[1]	(2000)	112	[1]		
LIBRED 279 *			112	[1]	107	[1]	(2001)	110	[2]		
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]		
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]		
SWB5001			107	[1]	101	[2]	(2001)	104	[3]		
SW HOTSHOT *					97	[1]	(2000)	97	[1]		
SYNBRID 220 *			93	[1]	101	[1]	(1999)	97	[2]		
THUNDER			119	[1]	106	[2]	(2001)	112	[3]		
BIANCA II ¹ =white flowered variety		**DC 2002=no data available			SYN = Synthetic			HYB = Hybrid			
MILLENNIUM 03 ² = High Erucic Acid Rapeseed (HEAR)					OP = Open Pollinated						
LEGACY - check variety		* caution, first year tested and or very limited data available									
Note that in 2002, 44A89, Clavet, Eagle, Optimum 500, Sprint, SW Hotshot, removed from older data set.											

HERBICIDE TOLERANT CANOLA

Argentine Canola (herbicide tolerant)		Yield as % of Legacy								
Variety	Type	Dawson Creek			Fort St. John			B.C. Peace		
		2002**	1998-2002		2002	1998-2002		2002	1998-2002	
		% of check	Avg. (%)	Stn. Yrs.	% of check	Avg. (%)	Stn. Yrs.	Avg. (%)	Avg. (%)	Stn. Yrs.
LEGACY	conventional	100	100	[4]	100	100	[9]	100	100	[13]
45A55	Roundup-Ready	-	113	[1]	96	97	[2]	96	105	[3]
45H21 (NS4451) *	Roundup-Ready	-	-		116	116	[1]	116	116	[1]
45H22 (NS4422HC) *	Roundup-Ready	-	-		105	105	[1]	105	105	[1]
505RR *	Roundup-Ready	-	-		114	114	[1]	114	114	[1]
519RR *	Roundup-Ready	-	-		110	110	[1]	110	110	[1]
CANTERRA 1812	Roundup-Ready	-	112	[1]	105	105	[2]	105	109	[3]
CANTERRA 1841*	Roundup-Ready	-	-		130	130	[1]	130	130	[1]
CANTERRA 1849*	Roundup-Ready	-	-		85	85	[1]	85	85	[1]
CANTERRA 1862*	Roundup-Ready	-	-		106	106	[1]	106	106	[1]
CANTERRA 1867	Roundup-Ready	-	104.5	[1]	95	99	[3]	95	102	[4]
CONQUEST	Roundup-Ready	-	98	[2]	98	102	[4]	98	100	[6]
DKL32-35 (LG3235)	Roundup-Ready	-	97	[2]	105	99	[4]	105	98	[6]
DKL34-55 (LG3455)	Roundup-Ready	-	113	[1]	97	97	[3]	97	105	[4]
DKL35-85 *	Roundup-Ready	-	-		103	103	[1]	103	103	[1]
DS ROUGHRIDER	Roundup-Ready	-	104	[1]	91	99	[3]	91	102	[4]
FIELDKING811RR*	Roundup-Ready	-	-		111	111	[1]	111	111	[1]
HYLITE 225RR	Roundup-Ready	-	109	[1]	112	108	[3]	112	109	[4]
KELSEY (A99-15NR)	Roundup-Ready	-	113	[1]	77	88	[3]	77	101	[4]
IMC 109RR *	Roundup-Ready	-	-		93	93	[1]	93	93	[1]
IMC 208RR *	Roundup-Ready	-	-		77	77	[1]	77	77	[1]
LBD561RR	Roundup-Ready	-	111	[1]	103	103	[2]	103	107	[3]
LBD612RR *	Roundup-Ready	-	-		113	113	[1]	113	113	[1]
LBD799RR-S	Roundup-Ready	-	115	[1]	96	104	[2]	96	109	[3]
PRAIRIE499RR (4.99RR)	Roundup-Ready	-	116	[1]	109	111	[3]	109	114	[4]
PRAIRIE715RR *	Roundup-Ready	-	-		104	104	[1]	104	104	[1]
SP ADMIRABLE RR ¹ (ARCHER) *	Roundup-Ready	-	119	[1]	109	108	[2]	109	114	[3]
SP BANNER *	Roundup-Ready	-	-		99	99	[1]	99	99	[1]
SP BUCKY (NR98-6647)*	Roundup-Ready	-	-		101	101	[1]	101	101	[1]
SW ARROW	Roundup-Ready	-	94	[1]	107	104	[4]	107	99	[5]
SW D5113RR *	Roundup-Ready	-	-		118	118	[1]	118	118	[1]
SW GLADIATORR	Roundup-Ready	-	125	[1]	111	116	[2]	111	121	[3]
SW RAZOR	Roundup-Ready	-	106	[1]	107	108	[3]	107	107	[4]
SW RIDER	Roundup-Ready	-	107	[2]	106	108	[4]	106	107	[6]
SW WARRIOR*	Roundup-Ready	-	-		91	95	[2]	91	95	[2]
INVIGOR2573	Liberty Link	-	126	[1]	115	120	[3]	115	123	[4]
INVIGOR2663	Liberty Link	-	126	[1]	118	121	[3]	118	123	[4]
INVIGOR2733	Liberty Link	-	126	[1]	116	122	[2]	116	124	[3]
SW FLARE LL	Liberty Link	-	109	[1]	110	111	[2]	110	110	[3]
289 CL *	Clearfield	-	-		93	93	[1]	93	93	[1]
45A71 (NS4571) *	Clearfield	-	-		93	93	[1]	93	93	[1]
45A77*	Clearfield	-	116	[1]	96	109	[2]	96	113	[3]
CANTERRA 1604 CL *	Clearfield	-	-		105	105	[1]	105	105	[1]
HYLITE 243 CL	Clearfield	-	106	[1]	98	106	[2]	98	106	[3]
SP BOBCAT *	Clearfield	-	-		104	103.7	[1]	104	104	[1]

LEGACY - check variety

* caution, first year tested and or very limited data available

SP ADMIRABLE RR¹(ARCHER) = was Archer, then Admire

**DC 2002=no data available

Note: "System Varieties", (Clearfield, Roundup-Ready, or Liberty Link), are grown together in with "conventional" argentine varieties, (actually as one "early" & one "late" napus trial with a common check), and thus conventional herbicides are used for weed control. (See page 6 for herbicides used). The way results are displayed here however means statistical analysis cannot be shown.

Argentine Canola (herbicide tolerant)		Yield as % of Legacy					
Variety	Type	Dawson Creek		Fort St. John		B.C. Peace	
		1998-2001		1998-2001		1998-2001	
		Avg. (%)	Stn. Yrs.	Avg. (%)	Stn. Yrs.	Avg. (%)	Stn. Yrs.
<u>Varieties not tested in 2002 (Averages 1997-2001)</u>		<u>Last Year Tested</u>					
2631LL	Liberty Link	71	[1]	86	[3]	(2000)	79 [4]
295 BX	Navigator/Compas	95	[2]	101	[3]	(2001)	98 [5]
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]
A99-13NR *	Roundup-Ready	108	[1]	103	[1]	(2001)	105 [2]
ADMIRAL BX	Navigator/Compas	81	[1]	109	[1]	(1999)	95 [2]
ARMOR BX	Navigator/Compas	108	[2]	102	[3]	(2001)	105 [5]
CANTERRA 1867	Roundup-Ready	104	[1]	100	[2]	(2001)	102 [3]
CARTIER BX	Navigator/Compas	84	[2]	101	[3]	(2001)	92 [5]
EXCEED	Liberty Link	91	[1]	102	[2]	(1999)	96 [3]
HERITAGE	Roundup-Ready	103	[1]	94	[2]	(2001)	98 [3]
HYLITE 215 CL *	Clearfield	101	[1]	109	[1]	(2001)	105 [2]
HYOLA454RR	Roundup-Ready	105	[1]	105	[2]	(2001)	105 [3]
IMC 106RR *	Roundup-Ready	109	[1]	92	[1]	(2001)	101 [2]
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]
LBD449RR *	Roundup-Ready	105	[1]	98	[1]	(2001)	102 [2]
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]
RENEGADE BX *	Navigator/Compas	109	[1]	108	[1]	(2001)	109 [2]
RR CHAMPION *	Roundup-Ready	105	[1]	99	[1]	(2001)	102 [2]
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]
ZODIAC BX	Navigator/Compas	94	[1]	100	[2]	(2001)	97 [3]

LEGACY - check variety

* caution, first year tested and or very limited data available

Argentine Canola

Variety Descriptions

Variety	Type	Herbicide Tolerance	B.C. Peace Avg. (1996-2002**)		Data from Alberta Agdex 100/32		Distributor
			Days to Mature	Height cm	Straw Strength	Blackleg Tolerance	
289CL*		Clearfield	125	88	G	1	Advanta
45A55	OP	Roundup-Ready	131	85	G	1	Proven Seeds
■ 45A71 (NS4571)*	OP	Clearfield	115	95	G	3	Proven Seeds
■ 45A77	OP	Clearfield	133	90			Proven Seeds
45H21 (NS4451)*	HYB	Roundup-Ready	118	93			Proven Seeds
45H22 (NS4422HC)*	HYB	Roundup-Ready	125	92			Proven Seeds
■ 46A65	OP	(conventional)	120	98	G	1	Proven Seeds
46H02 (NS4442)*	HYB	(conventional)	126	85	VG	1	Proven Seeds
505RR*	HYB	Roundup-Ready	133	102			Advanta
519RR	HYB	Roundup-Ready	127	90			Advanta
□ BIANCA II	OP	(conventional)	136	88	EX	1	Agriprogress
CANTERRA 1604 CL*	OP	Clearfield	138	90	EX	2	Canterra
CANTERRA 1812	SYN	Roundup-Ready	132	97	EX	2	Canterra
CANTERRA 1841*	HYB	Roundup-Ready	125	97	EX	1	Canterra
CANTERRA 1849*	OP	Roundup-Ready	126	82	VG	1	Canterra
CANTERRA 1862*	OP	Roundup-Ready	133	78	VG	2	Canterra
CANTERRA 1867	OP	Roundup-Ready	128	106	VG	3	Canterra
CONQUEST	OP	Roundup-Ready	125	118	EX	1	Agricore United
■ DKL32-35 (LG3235)	OP	Roundup-Ready	123	110	G	2	Monsanto
□ DKL34-55(LG3455)	OP	Roundup-Ready	126	113	VG	2	Monsanto
□ DKL35-85*	OP	Roundup-Ready	128	92	EX	1	Monsanto
□ DS-ROUGH RIDER	OP	Roundup-Ready	130	112	EX	3	SeCan
FIELDKING811RR*		Roundup-Ready	128	96	EX	1	DSV Canada Inc
□ HYLITE 225RR	OP	Roundup-Ready	122	106	EX	2	Advanta
HYLITE 243 CL	OP	Clearfield	135	88	EX	3	Advanta
IMC 109RR*	OP	Roundup-Ready	138	82	VG	1	IMC Cargill
IMC208RR*	OP	Roundup-Ready	138	90	VG	1	IMC Cargill
INVIGOR 2573	HYB	Liberty Link	133	111	VG	1	Bayer Crop Science(Aventis)
INVIGOR 2663	HYB	Liberty Link	128	113	VG	1	Bayer Crop Science(Aventis)
INVIGOR 2733	HYB	Liberty Link	129	90	VG	2	Bayer Crop Science(Aventis)
KELSEY (A99-15NR)	OP	Roundup-Ready	124	103	EX	2	Agricore United
LBD561RR	OP	Roundup-Ready	130	92	VG	2	Libred
LBD612RR*	OP	Roundup-Ready	128	93	VG	2	Libred
LBD799RR-S	SYN	Roundup-Ready	135	90	VG	2	Libred
LEGACY	OP	(conventional)	122	108	G	3	Agricore United
■ LO-LINDA*	OP	(conventional)	138	85	VG	1	Bonis & Co.
MILLENIUM 03*	HEAR	(conventional)	128	80			CanAmera Foods
□ PEACE (A99-5N)	OP	(conventional)	117	104	VG	2	Sask Wheat Pool
PRAIRIE499RR (4.99RR)	HYB	Roundup-Ready	125	112	VG	1	Prairie Seeds
PRAIRIE715RR*		Roundup-Ready	125	95	VG	1	Prairie Seeds
■ Q2	OP	(conventional)	126	101	EX	1	Agricore United
■ SKYHAWK	OP	(conventional)	125	104	G	1	Seed-Link Inc.
SP ADMIRABLE RR ¹ (ARCHER)	SYN	Roundup-Ready	133	93	VG	2	Sask Wheat Pool
SP ARMADA	OP	(conventional)	131	88	VG	2	Sask Wheat Pool
□ SP BANNER*		Roundup-Ready	116	92	EX	1	Sask Wheat Pool
□ SP BOBCAT*	OP	Clearfield	123	93			Sask Wheat Pool
□ SP BUCKY (NR98-6647)*		Roundup-Ready	131	83	VG	1	Sask Wheat Pool
□ SW ARROW	OP	Roundup-Ready	119	101	G	3	Agricore United
SWD5113RR*		Roundup-Ready	121	92	G	2	Bonis & Co.
□ SW FLARE LL*	OP	Liberty Link	128	93	VG	2	Bonis & Co.
SW GLADIATORR*	SYN	Roundup-Ready	129	90	VG	2	Quality Assured Seeds
SW RAZOR	SYN	Roundup-Ready	125	106	VG	2	Bonis & Co.
SW RIDER	SYN	Roundup-Ready	125	111	VG	3	Agricore United
SW WARRIOR*	OP	Roundup-Ready	117	106	VG	2	Quality Assured Seeds

1996-2002** = averaged data period for conventional types, 1998-2002 for herbicide tolerant types.

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

■ Protection by Plant Breeders' Rights

□ Protection under Plant Breeders' Rights applied for

Argentine Canola				Variety Descriptions			
Variety	Type	Herbicide Tolerance	B.C.Peace Avg. (1996-2001**)		Data from Alberta <u>Agdex 100/32</u>		Distributor
			Days to	Height	Straw	Blackleg	
			Mature	cm	Strength	Tolerance	
Varieties not tested in 2002 (Averages 1996-2001 **)							
2631LL	OP	Liberty Link	115	111	G	3	Bonis & Co.
295 BX	OP	Navigator/Compas	125	122	G	3	Bonis & Co.
■ 44A53 *	OP	Roundup-Ready	111	124	G	1	Proven Seed
■ 45A54 *	OP	Roundup-Ready	122	129	G	1	Proven Seed
■ 46A76	OP	Clearfield	124	124	G	1	Proven Seed
A99-13NR *	-	Roundup-Ready	137				
Agassiz	OP	(conventional)	125	124	G	2	Libred
□ ARMOR BX	OP	Navigator/Compas	123	120	G	3	Bonis & Co.
ASCENT	OP	(conventional)	120	128	G	3	Libred
CANTERRA1492	HYB	(conventional)	125	118	VG	3	Canterra
CARTIER BX	OP	Navigator/Compas	123	121	G	2	Bonis & Co.
■ FOREMOST	OP	(conventional)	121	124	VG	2	Seed-Link
HERALD *		(conventional)	112	127			Brett Young
HERITAGE	OP	Roundup-Ready	127	124	VG	2	IMC Cargill
■ Hi-Q	OP	(conventional)	126	121	EX	1	Agricore United
HYCORE 601	HYB	(conventional)	131	129	VG	2	Agricore United
HYLITE 215 CL*	OP	Clearfield	137		EX	3	Advanta
HYOLA 454RR	HYB	Roundup-Ready	126	127	VG	2	Advanta
HY-PER Star 100	HYB	(conventional)	119	117	VG	3	Agriprogress
IMC 105	OP	(conventional)	133		VG	3	IMC Cargill
IMC 106RR *	OP	Roundup-Ready	134		VG	2	IMC Cargill
INVIGOR 2153	HYB	Liberty Link	118	117	G	3	Bayer CropScience
INVIGOR 2273	HYB	Liberty Link	122	131	G	2	Bayer CropScience
INVIGOR 2563 *	HYB	Liberty Link	119	126			Bayer CropScience
INVIGOR 2673 *	HYB	Liberty Link	125	127			Bayer CropScience
LBD449RR *	OP	Roundup-Ready	129		EX	1	Libred
LG DAWN	OP	Roundup-Ready	114	117	VG	2	Agricore United
LG3311	OP	(conventional)	123	118	G	1	Monsanto
■ LG3345	OP	Roundup-Ready	117	117	VG	2	Monsanto
LG3366	OP	(conventional)	118	118	G	1	Monsanto
□ LG3525 *	-	Roundup-Ready	134		VG	2	Monsanto
LG5347 *	OP	(conventional)	111	129			Monsanto
LIBRED 279 *	OP	(conventional)	135		VG	2	Libred
MAGELLAN	OP	(conventional)	123	126	G	3	IMC Cargill
■ MAGNUM	OP	(conventional)	120	116	G	2	Monsanto
□ RENEGADE BX *	OP	Navigator/Compas	134		VG	2	Bonis & Co.
□ RR CHAMPION *	OP	Roundup-Ready	134		VG	2	Monsanto
SW HOTSHOT *		(conventional)	105	126			
SW LIBERATOR *		Liberty Link	108	125			
SW VULCAN LL *		Liberty Link	101	126			
SWB5001	HYB	(conventional)	126	130	VG	1	Bonis & Co.
THUNDER	OP	(conventional)	126	126	G	2	DSV Canada
□ ZODIAC BX	OP	Navigator/Compas	127	127	G	2	Bonis & Co.

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

OP = Open Pollinated SYN = Synthetic HYB = Hybrid

Protected by Plant Breeders' Rights :		46A65	FOREMOST	Hi-Q	Q2
44A53	45A71	46A76	LO-LINDA	MAGNUM	
45A54	45A77	DKL32-35	LG 3345	SKYHAWK	

Protection under Plant Breeders' Rights has been applied for :				
ARMOR BX	DS-ROUGH RIDER	PEACE (A99-5N)	SP BOBCAT	ZODIAC BX
BIANCA II	HYLITE 215 CL*	RENEGADE BX *	SP BUCKY	
DKL34-55	HYLITE 225RR	RR CHAMPION *	SW ARROW	
DKL35-85	LG 3525	SP BANNER	SW FLARE LL *	

Argentine Canola Regional Variety Performance 1996-2002

