

# POLISH CANOLA

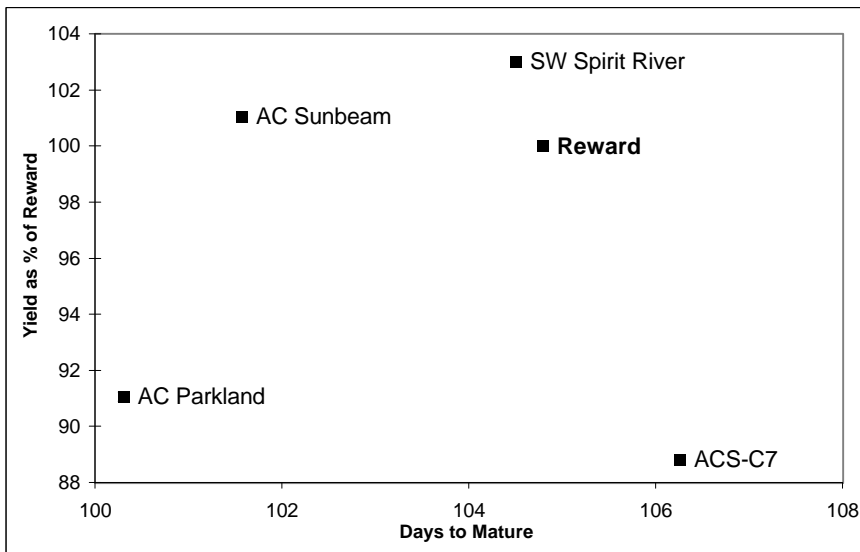
Polish canola (*Brassica rapa*) varieties generally yield considerably less and mature two to three weeks earlier than the majority of Argentine (*Brassica napus*) types. Polish varieties are more resistant to shattering and have seeds that are yellow-brown with, generally, less chlorophyll than Argentine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

*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 as Argentine canola because 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*. This should include active ingredients that are known for their ability to control the disease, such as: *benomyl*, *carbathiin*, *iprodione* or *thiabendazole*. Two races of *white rust* (staghead) exist in the area, *Race 7a* and *7v*, and 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 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			Yield as % of Reward										
Variety	Type	Maturity (days to)	Dawson Creek				Fort St. John				B.C. Peace		
			2004 Yield		1994-2004		2004 Yield		1994-2004		2004	1994-2004	
			bus / acre	% of check	Avg. (%)	Stn. Yrs.	bus / acre	% of check	Avg. (%)	Stn. Yrs.	Avg. (%)	Avg. (%)	Stn. Yrs.
AC Parkland		100	33 ab	98	93	[3]	41 b	88	89	[5]	93	91	[8]
AC Sunbeam	OP	102	34 ab	101	100	[4]	45 ab	97	102	[7]	99	101	[11]
ACS-C7	SYN	106	29 b	87	90	[3]	43 ab	92	88	[3]	90	89	[6]
<b>Reward</b>	<b>OP</b>	<b>105</b>	<b>33 ab</b>	<b>100</b>	<b>100</b>	<b>[8]</b>	<b>47 a</b>	<b>100</b>	<b>100</b>	<b>[11]</b>	<b>100</b>	<b>100</b>	<b>[19]</b>
SW Spirit River	OP	105	36 a	108	109	[2]	44 ab	94	97	[2]	101	103	[4]
LSD (P=.05) =			4.775				4.91						
CV value (%) =			9.37				7.28						
Varieties not tested in 2004 ( Averages 1989-2003)										Last Year Tested			
41P55	OP	103			90	[1]			101	[3]	( 2001 )	96	[4]
CASH	SYN	104			102	[4]			97	[6]	( 2000 )	99	[10]
FAIRVIEW	SYN	104			108	[2]			107	[5]	( 2000 )	107	[7]
FOOTHILLS	OP	107			93	[2]			92	[4]	( 2001 )	92	[6]
Hysyn® 110	SYN	104			102	[4]			103	[6]	( 2003 )	102	[10]
Hysyn® 111	SYN	106			110	[3]			106	[5]	( 2003 )	108	[8]
NORWESTER*		101							106	[2]	( 1998 )	106	[2]
SW High Level*	OP	112			108	[1]			107	[2]	( 2002 )	107	[3]
Valleyview	OP	104			105	[1]			96	[4]	( 2000 )	100	[5]
WESTWIN	SYN	102			94	[2]			108	[4]	( 1998 )	101	[6]

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



**Reward - check variety**

\* first year tested, very limited data available

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**Polish Canola**

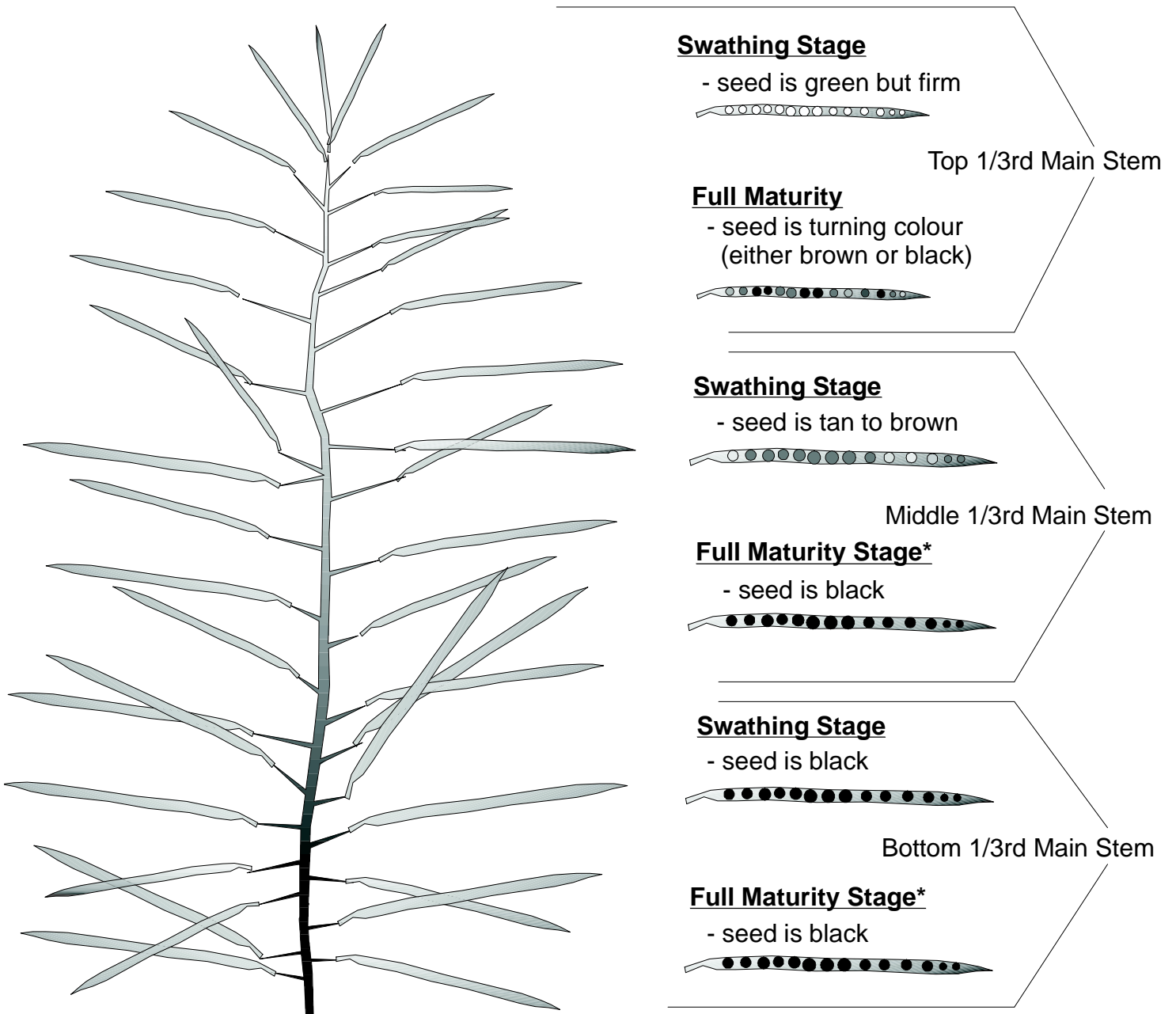
**BCGPA & Prairie-Wide Variety Performance**

**1994 - 2004**

# Definitions of Canola Maturity Used In This Report

Please check with the *Canola Council of Canada* for complete definition of “swathing maturity”.

It is very important to split pods and check the seed inside as outer pod colour does not reflect the true maturity of the plant. Often the outer pod colour can still be green while seed inside has turned to black. Other times the pod colour could be pale yellow while green seed is within. One field inspection is not enough, one must visit a particular field several times to catch a progression in maturity so as not to miss the safe swathing period. Cool wet weather periods can slow or even temporarily halt the progression of maturity, especially prior to swathing. Several portions of the same field per variety must be checked as well because often minor field variations can change maturity across a given field.



\*Full Maturity Stage: as defined in this report on page 26 under column “days to mature”.

<b>Argentine Canola (conventional)</b>					<b>Yield as % of 46A65 **</b>						
Variety	Type	Dawson Creek			Fort St. John			B.C. Peace			
		2004	1997-2004	Stn.	2004	1997-2004	Stn.	2004	1997-2004	Stn.	
		% of check	Avg. (%)	Yrs.	% of check	Avg. (%)	Yrs.	Avg. (%)	Avg. (%)	Yrs.	
<b>46A65</b>	<b>OP</b>	<b>100</b>	<b>100</b>	<b>[4]</b>	<b>100</b>	<b>100</b>	<b>[11]</b>	<b>100</b>	<b>100</b>	<b>[15]</b>	
46H02	HYB	101	108	[2]	112	103	[3]	106	105	[5]	
Peace	OP	80	85	[3]	83	88	[5]	82	87	[8]	
Varieties not tested in 2004 ( Averages 1996-2003 ) Yields as % of 46A65					Last Year Tested						
<i>BIANCA II</i> *	OP		82	[1]	107	[2]	( 2002 )	94	[3]		
<i>Canterra™ 1492</i> *	HYB		104	[1]	104	[2]	( 2001 )	104	[3]		
<i>Hi-Q</i> *	OP		95	[1]	99	[2]	( 2001 )	97	[3]		
<i>Hycore® 601</i> *	HYB		102	[1]	106	[2]	( 2001 )	104	[3]		
<i>IMC 105</i> *	OP		97	[1]	101	[1]	( 2001 )	99	[2]		
<i>3311</i> *	OP		102	[1]	102	[2]	( 2001 )	102	[3]		
<i>LBD279</i> *	OP		102	[1]	104	[1]	( 2001 )	103	[2]		
<i>Legacy</i>	OP		91	[3]	100	[9]	( 2003 )	95	[12]		
<i>LoLinda</i> *	OP				87	[1]	( 2002 )	87	[1]		
<i>MillenniUM 03</i> *	HEAR				91	[1]	( 2002 )	91	[1]		
<i>Q2</i>	OP		95	[2]	106	[7]	( 2002 )	101	[9]		
<i>Skyhawk</i>	OP		96	[1]	105	[3]	( 2002 )	101	[4]		
<i>SP Armada</i> *	OP		100	[1]	106	[2]	( 2002 )	103	[3]		
<i>SW 5001</i> *	HYB		97	[1]	99	[2]	( 2001 )	98	[3]		
<i>Thunder</i> *	OP		103	[1]	105	[2]	( 2001 )	104	[3]		
<i>Y0276</i> *	HYB		92	[1]	108	[1]	( 2003 )	100	[2]		
<b>46A65 - check variety</b>											

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

Canterra™ is a tradename of Canterra Seeds  
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SYN = Synthetic      HYB = Hybrid  
OP = Open Pollinated  
HEAR = High Erucic Acid Rapeseed

\*\* As of 2003, canola varieties are compared against the *conventional* variety 46A65 since certified *Legacy* seed is no longer available. It is a good choice as it has been used in our BC Peace River region testing system for many years, thus it can be used without losing much of our historical information. It is the check of choice for the Prairie-Wide tests and other regional tests as well, at least up to now. If anyone wishes to compare new lines of either conventional or herbicide tolerant against the old check *Legacy*, it is still here in the conventional chart above.

### IMPORTANT NOTE FOR CANOLA

Please take note that the BC Grain Producers Association (BCGPA) strives to test more familiar canola lines for more than one year, and thus in any given year such lines are not necessarily in the new Prairie-Wide (PW) testing system. Therefore, the BCGPA tests and reports on such lines via their own "napus comparison trial" grown each year. This comparison trial is placed right beside the Prairie-Wides and uses the same check variety in an effort to provide this across-the-years summary that you see here. **The end result is that there are more canola lines in this report than is available when viewing our data via the PW testing system only.** The PW trials continue to be an excellent way to see new materials while the BCGPA strives to see longer term data. Caution should always be undertaken when viewing one-year data.

# HERBICIDE TOLERANT CANOLA

Argentine Canola (herbicide tolerant)		Yield as % of 46A65								
FINAL REPORT		Dawson Creek			Fort St. John			B.C. Peace		
		2004		1997-2004	2004		1997-2004	2004		1997-2004
		% of check	Avg. (%)	Stn. Yrs.	% of check	Avg. (%)	Stn. Yrs.	Avg. (%)	Avg. (%)	Stn. Yrs.
Variety	Type									
<b>46A65</b>	<b>conventional</b>	<b>100</b>	<b>100</b>	<b>[6]</b>	<b>100</b>	<b>100</b>	<b>[13]</b>	<b>100</b>	<b>100</b>	<b>[19]</b>
1896 *	Roundup Ready®	88	88	[1]	98	98	[1]	93	93	[2]
3235	Roundup Ready®	81	93	[3]	96	94	[5]	89	93	[8]
9451 *	Roundup Ready®	93	93	[1]	111	111	[1]	102	102	[2]
9550	Roundup Ready®	102	106	[2]	96	93	[2]	99	99	[4]
33-95 *	Roundup Ready®	97	97	[1]	104	104	[1]	101	101	[2]
34-55	Roundup Ready®	91	96	[3]	99	99	[5]	95	98	[8]
43A56	Roundup Ready®	100	101	[2]	95	97	[2]	97	99	[4]
45H21	Roundup Ready®	103	110	[2]	103	104	[3]	103	106	[5]
45H24 *	Roundup Ready®	103	103	[1]	114	114	[1]	108	108	[2]
46H23	Roundup Ready®	113	114	[3]	105	102	[3]	109	108	[6]
225RR (AV 9225)	Roundup Ready®	98	99	[3]	97	99	[5]	97	99	[8]
AV 9525 (Hyola 525RR) *	Roundup Ready®	105	105	[1]	99	99	[1]	102	102	[2]
Canterra™ 1841	Roundup Ready®	89	99	[2]	106	111	[3]	98	106	[5]
Fortune RR	Roundup Ready®	82	92	[2]	102	98	[2]	92	95	[4]
LBD422RR	Roundup Ready®	84	102	[2]	94	98	[2]	89	100	[4]
LBD449RR	Roundup Ready®	80	88	[3]	84	93	[3]	82	91	[6]
LBD588RR	Roundup Ready®	76	80	[2]	94	96	[2]	85	88	[4]
LBD612RR	Roundup Ready®	99	99	[1]	95	100	[2]	97	99	[3]
LBD644RR	Roundup Ready®	91	105	[2]	96	102	[2]	93	103	[4]
SP Banner	Roundup Ready®	108	105	[2]	102	97	[3]	105	100	[5]
SW 6802 *	Roundup Ready®	98	98	[1]	99	99	[1]	99	99	[2]
InVigor® 2663	LibertyLink®	90	97	[3]	112	112	[5]	101	106	[8]
InVigor® 2733	LibertyLink®	103	95	[2]	103	109	[3]	103	103	[5]
InVigor® 5020	LibertyLink®	132	139	[2]	113	116	[2]	123	128	[4]
InVigor® 5030	LibertyLink®	109	109	[2]	121	119	[2]	115	114	[4]
InVigor® 5070	LibertyLink®	120	120	[1]	128	128	[1]	124	124	[4]
InVigor® 5108 *	LibertyLink®	68	68	[1]	97	97	[1]	83	83	[2]
45H72	Clearfield®	104	104	[1]	101	101	[1]	103	103	[4]
46A76	Clearfield®	95	95	[2]	105	101	[3]	100	99	[5]
46H70 *	Clearfield®	90	90	[1]	103	103	[1]	96	96	[2]
289CL (AV 9289) *	Clearfield®	94	94	[1]	88	94	[2]	91	94	[3]
AV 9618 (618 CL) *	Clearfield®	91	91	[1]	96	96	[1]	94	94	[2]
Cougar CL	Clearfield®	105	100	[2]	91	94	[2]	98	97	[4]
SP Deliver CL *	Clearfield®	97	97	[1]	92	92	[1]	94	94	[2]
SP Distinction CL *	Clearfield®	67	67	[1]	83	83	[1]	75	75	[2]

**46A65 - check variety**

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

Roundup Ready® is a registered trademark of Monsanto Canada Inc.

LibertyLink® is a registered trademark of Bayer CropScience

Clearfield® is a registered trademark of BASF

Canterra™ is a trademark of Canterra Seeds

InVigor® is a registered trademark of Bayer CropScience

**Note:** "System Varieties" (Clearfield®, Roundup Ready®, or LibertyLink®) are grown together in with "conventional" argentine varieties (actually as three napus trials with a common check) and thus, conventional herbicides are used for weed control. (See page 6 for herbicides used). However, combining the three trials to produce the chart above means statistical analysis cannot be shown for the entire group. Coefficient of Variance (CV) values for the three individual napus canola trials per site were as follows: DC = 11.36%, 13.79%, 8.82% FSJ = 6.9%, 8.37%, 6.12%

# Argentine Canola (herbicide tolerant)

Yield as % of 46A65

VARIETY	Type	Dawson Creek		Fort St. John		B.C. Peace		
		2000-2003		2000-2003		2000-2003		
		Avg. (%)	Stn. Yrs.	Avg. (%)	Stn. Yrs.	Avg. (%)	Stn. Yrs.	
		<u>Varieties not tested in 2004 ( Averages 1997-2003 )</u>				<u>Last Year Tested</u>		
45A55*	Roundup Ready®	97	[1]	92	[2]	( 2002 )	95	[3]
45H22 *	Roundup Ready®			96	[1]	( 2002 )	96	[1]
512RR *	Roundup Ready®	99	[1]	111	[1]	( 2003 )	105	[2]
AV9505 (505RR *)	Roundup Ready®			123	[1]	( 2002 )	123	[1]
Canterra 1867*	Roundup Ready®	90	[1]	101	[2]	( 2002 )	96	[3]
Canterra™ 1812*	Roundup Ready®	97	[1]	109	[2]	( 2002 )	103	[3]
Canterra™ 1849*	Roundup Ready®			92	[1]	( 2002 )	92	[1]
Canterra™ 1862 *	Roundup Ready®	107	[1]	99	[2]	( 2003 )	103	[3]
Conquest	Roundup Ready®	90	[1]	98	[3]	( 2002 )	94	[4]
DeKalb® 35-85 *	Roundup Ready®			112	[1]	( 2002 )	112	[1]
DS-Roughrider*	Roundup Ready®	90	[1]	100	[2]	( 2002 )	95	[3]
Heritage*	Roundup Ready®	89	[1]	92	[1]	( 2001 )	90	[2]
Hyola® 454RR*	Roundup Ready®	91	[1]	104	[1]	( 2001 )	98	[2]
IMC106RR *	Roundup Ready®	94	[1]	91	[1]	( 2001 )	93	[2]
IMC109RR *	Roundup Ready®	93	[1]	91	[2]	( 2003 )	92	[3]
IMC208RR *	Roundup Ready®	81	[1]	78	[2]	( 2003 )	79	[3]
Kelsey *	Roundup Ready®	98	[1]	79	[2]	( 2002 )	88	[3]
LBD561RR*	Roundup Ready®	96	[1]	98	[2]	( 2002 )	97	[3]
Prairie 715RR *	Roundup Ready®			95	[1]	( 2002 )	95	[1]
Prairie 719RR *	Roundup Ready®	104	[1]	102	[1]	( 2003 )	103	[2]
RR Champion *	Roundup Ready®	91	[1]	98	[1]	( 2001 )	94	[2]
SP Admirable RR *	Roundup Ready®	103	[1]	112	[2]	( 2002 )	107	[3]
SP Bucky *	Roundup Ready®			109	[1]	( 2002 )	109	[1]
SP Canwood *	Roundup Ready®	98	[1]	93	[1]	( 2003 )	96	[2]
SW ARROW	Roundup Ready®	100	[1]	103	[4]	( 2003 )	102	[5]
SW GladiatoRR	Roundup Ready®	95	[2]	104	[3]	( 2003 )	99	[5]
SW RazoR	Roundup Ready®	94	[1]	100	[3]	( 2002 )	97	[4]
SW RideR	Roundup Ready®	99	[2]	104	[4]	( 2003 )	101	[6]
v1010 *	Roundup Ready®	100	[1]	99	[1]	( 2003 )	99	[2]
InVigor® 2573	LibertyLink®	101	[2]	115	[4]	( 2003 )	108	[6]
InVigor® 5003 *	LibertyLink®	104	[1]	121	[1]	( 2003 )	112	[2]
243 CL *	Clearfield®	96	[1]	108	[2]	( 2002 )	102	[3]
45A71 *	Clearfield®			85	[1]	( 2002 )	85	[1]
6045CL *	Clearfield®	93	[1]	94	[1]	( 2003 )	93	[2]
Canterra™ 1604 CL *	Clearfield®			114	[1]	( 2002 )	114	[1]

### 46A65 - check variety

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

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 LibertyLink® is a registered trademark of Bayer CropScience  
 Navigator/Compas® is a registered trademark of Bayer CropScience

Clearfield® is a registered trademark of BASF  
 Canterra™ is a trademark of Canterra Seeds  
 Deklab® is a registered trademark of DeKlab Genetics Corporation  
 Hyola® is a registered trademark of Advanta Canada Inc.

# Argentine Canola

## Variety Descriptions

### FINAL REPORT

Variety	Type	Herbicide Tolerance	B.C. Peace Avg. data		Alberta Agdex 100/32 data <sup>1</sup>	Prairie-Wide Testing Data	Distributor
			1996-2004**	2003-2004			
			Days to Mature	Days to Swathing			
1896 *	HYB	Roundup Ready®	125	109		R	Canterra
■ 3235	OP	Roundup Ready®	122	110	G	MR <sup>1</sup>	Monsanto
9451 *	SYN	Roundup Ready®	126	111		MR	Agricore United / Proven
9550	OP	Roundup Ready®	121	109		R	Agricore United / Proven
■ 33-95 *	OP	Roundup Ready®	126	112		R	Monsanto
■ 34-55	OP	Roundup Ready®	126	115	VG	MR	Monsanto
■ 43A56	OP	Roundup Ready®	111	101		MR	Agricore United / Proven
45H21	HYB	Roundup Ready®	119	108	EX	R	Agricore United / Proven
45H24 *	HYB	Roundup Ready®	120	108		R	Agricore United / Proven
45H72 *	HYB	Clearfield®	125	112		R	Agricore United / Proven
■ 46A65	OP	(Conventional)	120	106	G	R	Agricore United / Proven
■ 46A76	OP	Clearfield®	127	115	EX	R	Agricore United / Proven
46H02	HYB	(Conventional)	122	110	VG	R	Agricore United / Proven
46H23	HYB	Roundup Ready®	121	111		R	Agricore United / Proven
46H70 *	HYB	Clearfield®	127	112		R	Agricore United / Proven
■ 225RR (AV 9225)	OP	Roundup Ready®	122	108	EX	MR <sup>1</sup>	Advanta
■ 289CL (AV 9289)	HYB	Clearfield®	126	112		R	Advanta
AV 9525 (Hyola 525RR) *	HYB	Roundup Ready®	122	109		--	Advanta
AV 9618 (618 CL) *	HYB	Clearfield®	122	107		--	Advanta
Canterra™ 1841	HYB	Roundup Ready®	125	111	EX	R <sup>1</sup>	Canterra
■ Cougar CL	OP	Clearfield®	123	111		R	Sask Wheat Pool
Fortune RR	OP	Roundup Ready®	122	110		R	Secan
InVigor® 2663	HYB	LibertyLink®	122	106	VG	R <sup>1</sup>	Bayer CropScience
InVigor® 2733	HYB	LibertyLink®	121	105	VG	MR <sup>1</sup>	Bayer CropScience
InVigor® 5020	HYB	LibertyLink®	118	107		R	Bayer CropScience
InVigor® 5030	HYB	LibertyLink®	120	110		R	Bayer CropScience
InVigor® 5070 *	HYB	LibertyLink®	124	110		R	Bayer CropScience
InVigor® 5108 *	HYB	LibertyLink®	121	107		--	Bayer CropScience
LBD422RR	OP	Roundup Ready®	122	110		--	Prairie Seeds
LBD449RR	OP	Roundup Ready®	120	108	EX	R <sup>1</sup>	Brett-Young
LBD588RR	OP	Roundup Ready®	124	112		--	Brett-Young
LBD612RR	OP	Roundup Ready®	127	109	VG	--	Brett-Young
LBD644RR	OP	Roundup Ready®	121	107		--	Brett-Young
■ Peace	OP	(Conventional)	113	100	VG	MR <sup>1</sup>	Sask Wheat Pool
■ SP Banner	OP	Roundup Ready®	118	109	EX	R <sup>1</sup>	Sask Wheat Pool
■ SP Deliver CL *	OP	Clearfield®	124	111		MR	Sask Wheat Pool
■ SP Distinction CL *	OP	Clearfield®	144	131		MR	Sask Wheat Pool
SW 6802 *	SYN	Roundup Ready®	124	111		--	SW Seed Ltd. (ProMark)

1996-2004\*\* = averaged data period for conventional types, 1998-2004 for herbicide tolerant types.

EX = excellent, VG = very good, G = good, F = fair, P = poor  
 R = resistant, MR = moderately resistant, MS = moderately susceptible, S = susceptible, VS = very susceptible  
 OP = open pollinated, SYN = synthetic, HYB = hybrid

#### ■ Protection by Plant Breeders' Rights

\* caution, first year tested and/or very limited data

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<sup>1</sup> = such footnoted data is from Alberta Agdex 100/32

Note that the *days to maturity* data, (a date that describes when seed at the top of the plant is changing colour) is composed of multiple years; however, the *days to swathing* data (a date defined by the Canola Council of Canada's definition for swathing) is created from only 2003 & 2004 data from two sites or basically four station years. Therefore, with the exception of newer entries, it is not completely fair to subtract the two values to see how many days it took to completely seed ripen until more *swathing* data is collected.

# Argentine Canola

# Variety Descriptions

# FINAL REPORT

Variety	Type	Herbicide Tolerance	B.C.Peace Avg.		Data from Alberta			Distributor	
			1996-2003**		2003	Agdex 100/32			
			Days to Mature	Height cm	Days to Swathing	Straw Strength	Blackleg Tolerance		
Varieties not tested in 2004 ( Averages 1996-2003 ** )									
■ 243 CL *	OP	Clearfield®	135	88			EX	3	Advanta
■ 295 BX*	OP	Navigator/Compas®	125	122			G	3	Bonis & Co.
■ 3311*	OP	(conventional)	123	118			G	1	Monsanto
■ 45A55*	OP	Roundup Ready®	131	85			G	1	Agricore United / Proven
■ 45A71 *	OP	Clearfield®	115	95			G	3	Agricore United / Proven
45H22 *	HYB	Roundup Ready®	125	92					Agricore United / Proven
■ 6045CL *	OP	Clearfield®	118	100	110				Brett-Young
■ Armour BX*	OP	Navigator/Compas®	123	120			G	3	Bonis & Co.
AV 9505 (505RR)*	HYB	Roundup Ready®	133	102					Advanta
AV 9512 (512RR)*	HYB	Roundup Ready®	119	107	109				Advanta
■ BIANCA II*	OP	(conventional)	136	88			EX	1	Agriprogress
Canterra 1867*	OP	Roundup Ready®	128	106			VG	3	Canterra
Canterra™ 1492 *	HYB	(conventional)	125	118			VG	3	Canterra
■ Canterra™ 1604 CL*	OP	Clearfield®	138	90			EX	2	Canterra
Canterra™ 1812*	SYN	Roundup Ready®	132	97			EX	2	Canterra
Canterra™ 1849 *	OP	Roundup Ready®	126	82			VG	1	Canterra
■ Canterra™ 1862*	OP	Roundup Ready®	123	84	108		VG	2	Canterra
■ Cartier BX*	OP	Navigator/Compas®	123	121			G	2	Bonis & Co.
Conquest	OP	Roundup Ready®	125	118			EX	1	Agricore United / Proven
■ DeKalb® 35-85*	OP	Roundup Ready®	128	92			EX	1	Monsanto
■ DS-Roughrider*	OP	Roundup Ready®	130	112			EX	3	SeCan
Heritage*	OP	Roundup Ready®	127	124			VG	2	IMC Cargill
■ Hi-Q*	OP	(conventional)	126	121			EX	1	Agricore United / Proven
Hycore® 601*	HYB	(conventional)	131	129			VG	2	Agricore United / Proven
Hyola® 454RR*	HYB	Roundup Ready®	126	127			VG	2	Advanta
IMC 105*	OP	(conventional)	133				VG	3	IMC Cargill
IMC106RR *	OP	Roundup Ready®	134				VG	2	IMC Cargill
IMC109RR ^*	OP	Roundup Ready®	126	94	110		VG	1	Cargill Specialty Oils
IMC208RR ^*	OP	Roundup Ready®	125	93	109		VG	1	Cargill Specialty Oils
InVigor® 2573	HYB	LibertyLink®	125	109	100		VG	1	Bayer CropScience
InVigor® 5003 *	HYB	LibertyLink®	106	86	97				Bayer CropScience
Kelsey *	OP	Roundup Ready®	124	103			EX	2	Agricore United / Proven
LBD279 *	OP	(conventional)	135				VG	2	LiBred
LBD561RR*	OP	Roundup Ready®	130	92			VG	2	LiBred
LBD612RR*	OP	Roundup Ready®	128	93			VG	2	LiBred
■ Legacy	OP	(Conventional)	123	107	114		G	3	Bonis & Co.
■ LoLinda*	OP	(conventional)	138	85			VG	1	Bonis & Co.
MillenniUM 03*	HEAR	(conventional)	128	80					CanAmera Foods
Prairie 715RR*		Roundup Ready®	125	95			VG	1	Prairie Seeds
Prairie 719RR *	OP	Roundup Ready®	114	102	107				Prairie Seeds
■ Q2	OP	(conventional)	126	101			EX	1	Agricore United / Proven
■ Renegade BX *	OP	Navigator/Compas®	134				VG	2	Bonis & Co.
■ RR Champion *	OP	Roundup Ready®	134				VG	2	Monsanto
■ Skyhawk	OP	(conventional)	125	104			G	1	Seed-Link Inc.
SP Admirable RR*	SYN	Roundup Ready®	133	93			VG	2	Sask Wheat Pool
SP Armada*	OP	(conventional)	131	88			VG	2	Sask Wheat Pool
■ SP Bucky *		Roundup Ready®	131	83			VG	1	Sask Wheat Pool
■ SP Canwood *	OP	Roundup Ready®	117	93	108				Sask Wheat Pool
SW 5001*	HYB	(conventional)	126	130			VG	1	Bonis & Co.
■ SW ARROW	OP	Roundup Ready®	120	102	108		G	3	Bonis & Co.
SW GladiatoRR	SYN	Roundup Ready®	121	92	100		VG	2	Bonis & Co.
SW RazoR	SYN	Roundup Ready®	125	106			VG	2	Bonis & Co.
SW RideR	SYN	Roundup Ready®	124	107	111		VG	3	Agricore United / Proven
SW WaRRior *	OP	Roundup Ready	117	106			VG	2	Bonis & Co.
Thunder*	OP	(conventional)	126	126			G	2	DSV Canada
v1010 *	HYB	Roundup Ready®	120	106	111				Cargill Specialty Oils
Y0276 *	HYB	(Conventional)	118	106	110				Advanta
■ Zodiac BX*	OP	Navigator/Compas®	127	127			G	2	Bonis & Co.

1996-2003\*\* = averaged data period for conventional types, 1998-2003 for herbicide tolerant types.

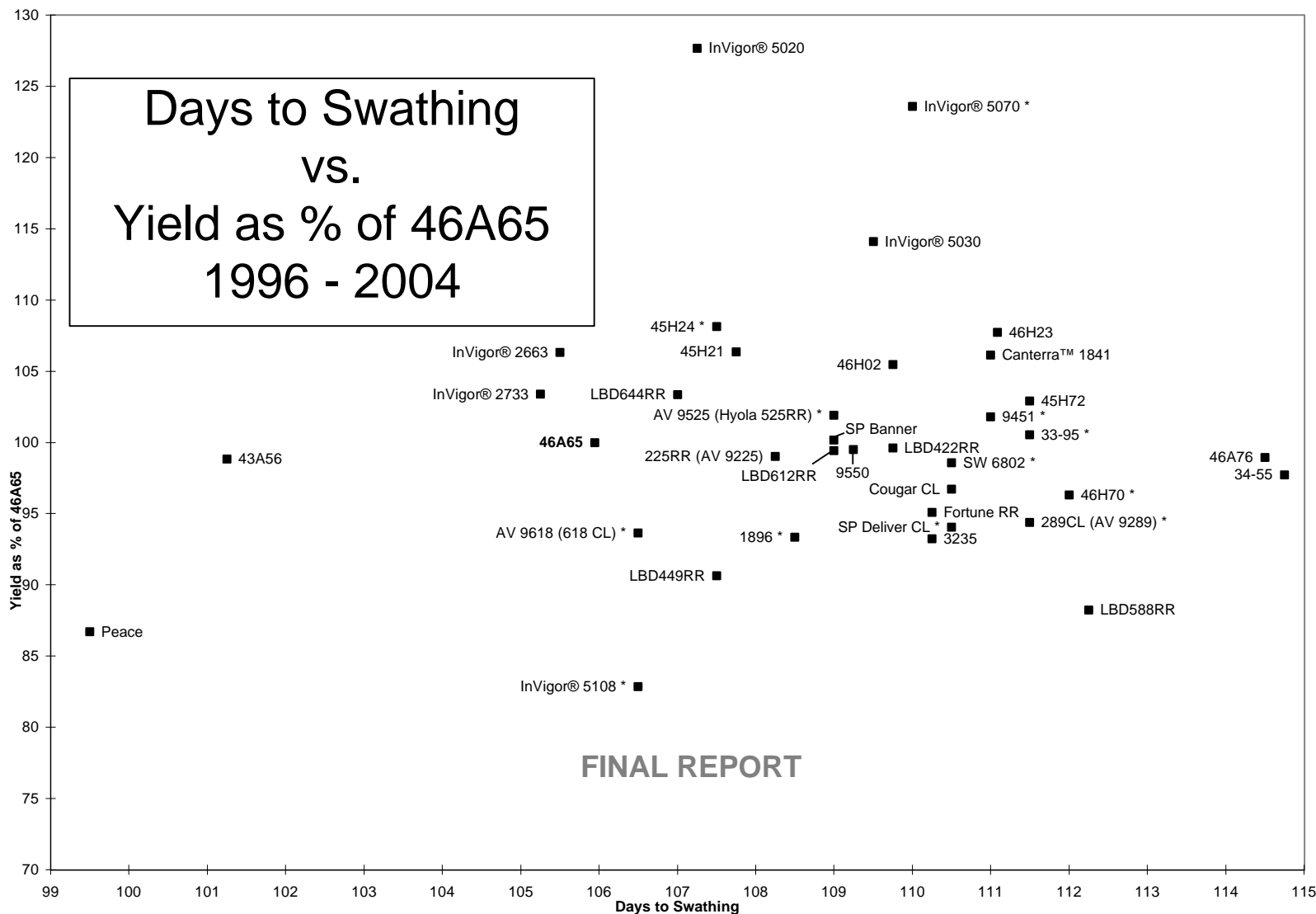
See bottom of page 26 for trademarks.

OP=open pollinated, SYN=synthetic, HYB=hybrid, HEAR=high erucic acid  
 EX = excellent, VG = very good, G = good, F = fair, P = poor

Older data uses Alberta system: 1 = tolerant, 2 = moderately tolerant, 3 = moderately susceptible, 4 = susceptible, 5 = highly susceptible

**Argentine Canola**

**B.C. Peace River - Variety Performance 1996-2004**



\* First Year tested, limited data available.

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