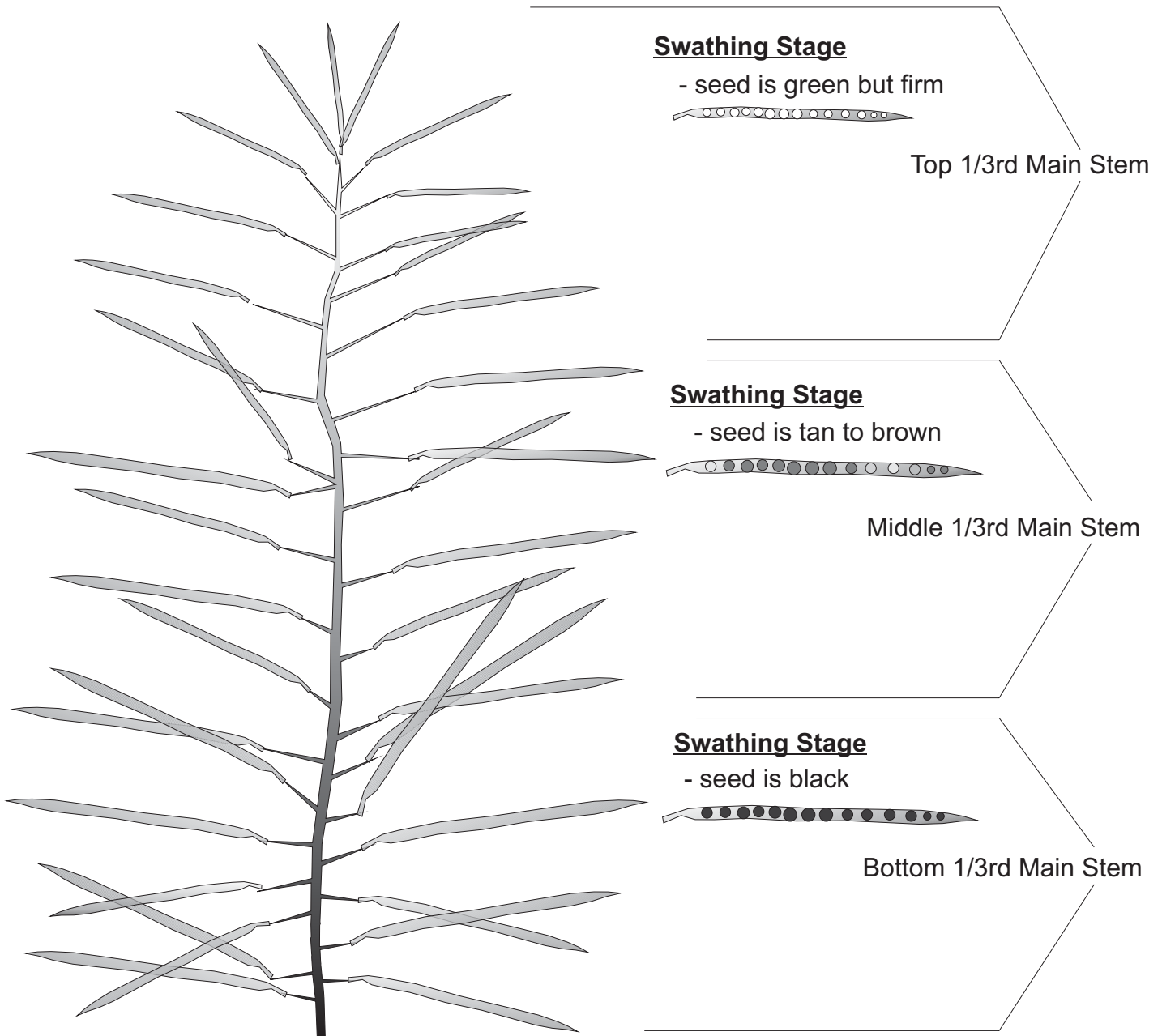


Definition of Canola Maturity Used In This Report

Please check with the *Canola Council of Canada* for complete definition of “swathing maturity”. It is this “ready for swathing” time period that is used here to describe “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.



CANOLA

Argentine Canola		Yield as % of 45H21								
Variety	Type	Dawson Creek			Fort St. John			B.C. Peace		
		2007	2004-2007		2007	2004-2007		2007	2004-2007	
		% of check	Avg. (%)	Stn. Yrs.	% of check	Avg. (%)	Stn. Yrs.	Avg. (%)	Avg. (%)	Stn. Yrs.
46A65	conventional	91	96	[7]	92	89	[10]	92	93	[17]
Peace	conventional	78	87	[3]	77	76	[4]	78	81	[7]
1818	Roundup Ready®	114	114	[1]	103	106	[2]	108	110	[3]
1896	Roundup Ready®	89	91	[3]	94	93	[4]	91	92	[7]
9551	Roundup Ready®	106	107	[2]	99	99	[3]	103	103	[5]
1759S	Roundup Ready®	90	90	[1]	94	97	[2]	92	94	[3]
1768S *	Roundup Ready®	94	94	[1]	111	111	[1]	103	103	[2]
1839V	Roundup Ready®	87	90	[2]	85	87	[3]	86	88	[5]
1847V *	Roundup Ready®	105	105	[1]	100	103	[2]	102	104	[3]
1852H	Roundup Ready®	95	95	[1]	92	98	[2]	93	96	[3]
2018 *	Roundup Ready®	99	99	[1]	94	94	[1]	96	96	[2]
32-75	Roundup Ready®	84	102	[2]	95	92	[3]	89	97	[5]
4362 RR *	Roundup Ready®	96	96	[1]	97	97	[1]	96	96	[2]
43A56	Roundup Ready®	75	87	[3]	82	86	[4]	79	86	[7]
43H57 *	Roundup Ready®	79	79	[1]	85	85	[1]	82	82	[2]
4414 RR *	Roundup Ready®	105	105	[1]	100	100	[1]	103	103	[2]
45H21	Roundup Ready®	100	100	[5]	100	100	[8]	100	100	[13]
45H24	Roundup Ready®	106	103	[3]	106	104	[4]	106	103	[7]
45H25	Roundup Ready®	99	99	[2]	101	99	[3]	100	99	[5]
45H26	Roundup Ready®	111	111	[1]	109	110	[2]	110	111	[3]
46P50	Roundup Ready®	127	127	[1]	114	118	[2]	121	122	[3]
71-45 RR	Roundup Ready®	97	107	[2]	119	111	[3]	108	109	[5]
83S01 RR *	Roundup Ready®	99	99	[1]	102	102	[1]	101	101	[2]
93H01 RR *	Roundup Ready®	105	105	[1]	108	108	[1]	107	107	[2]
997 RR	Roundup Ready®	96	96	[1]	98	92	[2]	97	94	[3]
Café	Roundup Ready®	89	89	[1]	95	91	[2]	92	90	[3]
LBD644RR	Roundup Ready®	86	98	[3]	95	91	[4]	90	94	[7]
Prairie 719RR	Roundup Ready®	89	89	[2]	87	87	[2]	88	88	[4]
Rugby *	Roundup Ready®	115	115	[1]	106	106	[1]	110	110	[2]
SP 621 RR	Roundup Ready®	90	90	[1]	102	102	[2]	96	96	[3]
SP Banner	Roundup Ready®	89	99	[3]	95	94	[4]	92	96	[7]
SP Desirable RR	Roundup Ready®	101	106	[2]	100	97	[3]	101	101	[5]
SP Favourable RR	Roundup Ready®	103	103	[1]	106	99	[2]	105	101	[3]
SW 3950	Roundup Ready®	87	91	[2]	97	88	[3]	92	89	[5]
SW 6802	Roundup Ready®	90	91	[3]	103	93	[4]	97	92	[7]
SW 9803	Roundup Ready®	98	109	[2]	95	97	[3]	96	103	[5]
v1035	Roundup Ready®	124	124	[1]	112	116	[2]	118	120	[3]
5020	LibertyLink®	106	113	[3]	105	105	[4]	106	109	[7]
5030	LibertyLink®	137	117	[3]	113	107	[4]	125	112	[7]
5070	LibertyLink®	124	117	[3]	114	111	[4]	119	114	[7]
9590	LibertyLink®	108	108	[1]	119	113	[2]	113	110	[3]
1143 *	LibertyLink®	105	105	[1]	105	105	[1]	105	105	[2]
5440 *	LibertyLink®	120	120	[1]	118	118	[1]	119	119	[2]
8440 *	LibertyLink®	103	103	[1]	110	110	[1]	106	106	[2]
1651 H *	Clearfield®	114	114	[1]	104	104	[1]	109	109	[2]
45H73	Clearfield®	97	97	[1]	96	100	[2]	96	98	[3]
45P70	Clearfield®	110	110	[1]	106	109	[2]	108	109	[3]
5843 CL	Clearfield®	91	91	[1]	94	94	[1]	92	92	[2]
71-20 CL	Clearfield®	88	91	[3]	94	93	[4]	91	92	[7]
71-30 CL *	Clearfield®	111	111	[1]	92	92	[1]	101	101	[2]
SP Force CL	Clearfield®	94	94	[1]	89	84	[2]	91	89	[3]

45H21 - 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

Note: **46A65** previous check
45H21 new check

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 of the three individual napus trials per site for 2007 were as follows: DC = 12.12, 13.8, 6.31 FSJ = 11.07, 7.75, 7.37

Argentine Canola				Variety Descriptions			
Variety	Type	Herbicide Tolerance	B.C. Peace Avg.		Alberta	Canada	Distributor
			Days to Swathing ¹ as +/- check	2004-2007	Agdex	Council of	
			2007		100/32	Blackleg	
					Straw	Rating	
					Strength		
					+ = better		
■ 46A65	OP	Conventional	2	3	0	R	Pioneer
■ Peace	OP	Conventional	-3	-5	0	MR	Viterra/Proven Seeds
■ 1818	OP	Roundup Ready®	5	4	0	R	Monsanto
1896	HYB	Roundup Ready®	1	1	0	R	Canterra
■ 9551	OP	Roundup Ready®	2	3		MR	Viterra/Proven Seeds
1759S	SYN	Roundup Ready®	1	2	0	MR	Canterra
1768S *	SYN	Roundup Ready®	2	2	0	MR	Canterra
■ 1839V	OP	Roundup Ready®	1	-1	0	MR	Canterra
1847V *	OP	Roundup Ready®	3	3			SW Seed Ltd
1852H	HYB	Roundup Ready®	1	2	0	R	SW Seed Ltd
2018 *	HYB	Roundup Ready®	3	3			Cargill Spec.
■ 32-75	OP	Roundup Ready®	1	1		R	Monsanto
4362 RR *	HYB	Roundup Ready®	0	0	0	MR	Brett-Young
■ 43A56	OP	Roundup Ready®	-2	-5	0	MR	Pioneer
43H57 *	HYB	Roundup Ready®	-2	-2	0	MR	Pioneer
4414 RR *	HYB	Roundup Ready®	3	3	0	R	Brett-Young
45H21	HYB	Roundup Ready®	0	0	0	R	Pioneer
45H24	HYB	Roundup Ready®	2	1	0	R	Pioneer
45H25	HYB	Roundup Ready®	-1	0	0	R	Pioneer
45H26	HYB	Roundup Ready®	-1	-2	0	R	Pioneer
46P50	HYB	Roundup Ready®	4	4	0	R	Viterra/Proven Seeds
71-45 RR	HYB	Roundup Ready®	2	3	0	MR	Monsanto
83S01 RR *	SYN	Roundup Ready®	2	2			FarmPure Seeds
93H01 RR *	HYB	Roundup Ready®	4	4			FarmPure Seeds
997 RR	OP	Roundup Ready®	2	1		R	Brett-Young
■ Café	OP	Roundup Ready®	-2	-4	0	R	SW Seed Ltd
LBD644RR	OP	Roundup Ready®	-2	0			Brett-Young
Prairie 719RR	OP	Roundup Ready®	3	1			Prairie Seeds Inc
■ Rugby *	OP	Roundup Ready®	3	3	0		SeCan
SP 621 RR	HYB	Roundup Ready®	-1	-1	0	MR	Viterra/Proven Seeds
■ SP Banner	OP	Roundup Ready®	-1	1	0	R	Viterra/Proven Seeds
SP Desirable RR	SYN	Roundup Ready®	-1	2	0	R	Viterra/Proven Seeds
SP Favourable RR	SYN	Roundup Ready®	2	2	0	MR	Viterra/Proven Seeds
SW 3950	HYB	Roundup Ready®	1	2	0	MR	SW Seed Ltd
SW 6802	SYN	Roundup Ready®	1	1	0	MR	SW Seed Ltd
SW 9803	HYB	Roundup Ready®	3	1			SW Seed Ltd
v1035	HYB	Roundup Ready®	2	2		R	Cargill Spec.
5020	HYB	LibertyLink®	0	0	0	R	Bayer
5030	HYB	LibertyLink®	2	2	1	R	Bayer
5070	HYB	LibertyLink®	1	3	0	R	Bayer
9590	HYB	LibertyLink®	1	1	0	R	Bayer
1143 *	HYB	LibertyLink®	1	1			Bayer
5440 *	HYB	LibertyLink®	3	3			Bayer
8440 *	HYB	LibertyLink®	1	1			Bayer
1651 H *	HYB	Clearfield®	3	3			Canterra
45H73	HYB	Clearfield®	-1	-1	0	R	Pioneer
45P70	HYB	Clearfield®	2	2	0	R	Viterra/Proven Seeds
5843 CL *	OP	Clearfield®	2	2			Brett-Young
71-20 CL	HYB	Clearfield®	-1	-1	0	R	Monsanto
71-30 CL *	HYB	Clearfield®	2	2			Monsanto
■ SP Force CL	OP	Clearfield®	4	2	0	R	Viterra/Proven Seeds

■ Protection by Plant Breeders' Rights

R = Resistant, MR = Moderately Resistant, MS = Moderately Susceptible

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

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

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

¹Note that the "Days to swathing" data is a date as defined by the Canola Council of Canada's definition for swathing. (Complete maturity descriptions on page 21).

Average number of days to swathing¹ for **45H21** is 107.5 days.

ARGENTINE CANOLA - HISTORICAL INFORMATION

Note: For further historical information, please refer to previous reports, all of which can be viewed at www.bcgrain.com

Argentine Canola		Yield as % of 46A65					
Variety	Type	Dawson Creek		Fort St. John		B.C. Peace	
		2003-2006		2003-2006		2003-2006	
		Avg. (%)	Stn. Yrs.	Avg. (%)	Stn. Yrs.	Avg. (%)	Stn. Yrs.
<u>Varieties not tested in 2007 (Averages 2003-2006)</u>		<u>Last Year Tested</u>					
5108	LibertyLink®	87	[2]	106	[3]	(2006)	97 [5]
225RR	Roundup Ready®	100	[3]	100	[4]	(2006)	100 [7]
292CL	Clearfield®	98	[1]	110	[2]	(2006)	104 [3]
45H72 *	Clearfield®		[2]	107	[3]	(2006)	106 [5]
74P00 LL *	LibertyLink®			116	[1]	(2006)	116 [1]
FortuneRR	Roundup Ready®	95	[3]	97	[4]	(2006)	96 [7]
LBD449RR	Roundup Ready®	90	[3]	90	[4]	(2006)	90 [7]
LBD612RR	Roundup Ready®	101	[2]	104	[3]	(2006)	102 [5]
Manor	Clearfield®	101	[1]	103	[2]	(2006)	102 [3]
Reaper	Roundup Ready®	102	[1]	89	[2]	(2006)	96 [3]
v1030	Roundup Ready®	112	[1]	110	[2]	(2006)	111 [3]
v1031	Roundup Ready®	111	[1]	108	[2]	(2006)	109 [3]

46A65 - check variety

* caution, first year tested and very limited data available

Clearfield® is a registered trademark of BASF
 Roundup Ready® is a registered trademark of Monsanto Canada Inc.
 LibertyLink® is a registered trademark of Bayer CropScience

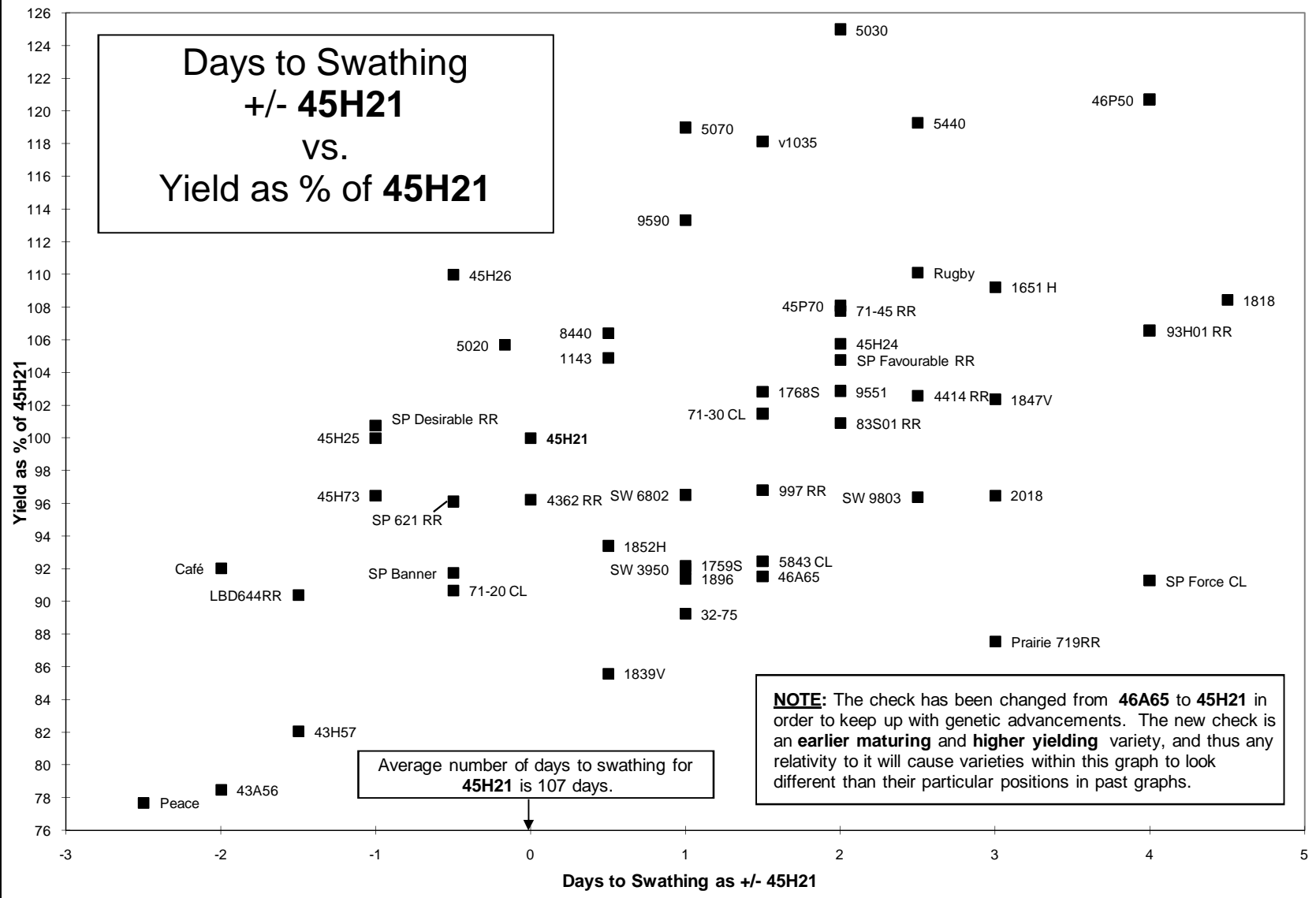
Argentine Canola		Variety Descriptions					
Variety	Type	Herbicide Tolerance	B.C.Peace Avg.		Data from Alberta		Distributor
			2003-2005		Agdex 100/32 **		
			Days to Swathing +/- 45A65	Straw Strength	Blackleg Tolerance		
<u>Varieties not tested in 2007 (Averages 2003-2006)</u>							
5108	HYB	LibertyLink®	-5				Bayer
■ 225RR	OP	Roundup Ready®	1	1	MR		Monsanto
■ 292CL	OP	Clearfield®	3	0	R		Viterra/Proven Seed
45H72	HYB	Clearfield®	0	0	R		Pioneer
■ 74P00 LL *	OP	LibertyLink®	5		MS		Bonis & Co Ltd.
FortuneRR	OP	Roundup Ready®	1	0	R		SeCan
LBD449RR	OP	Roundup Ready®	0	1	R		Brett-Young
LBD612RR	OP	Roundup Ready®	-1				Brett-Young
■ Manor	OP	Clearfield®	4	-1	MS		FarmPure Seeds
■ Reaper	OP	Roundup Ready®	0	0	R		FarmPure Seeds
v1030	HYB	Roundup Ready®	1	0	MR		Cargill Spec.
v1031	HYB	Roundup Ready®	0	0	MR		Cargill Spec.

OP = open pollinated, **SYN** = synthetic, **HYB** = hybrid
R = Resistant, **MR** = Moderately Resistant, **MS** = Moderately Susceptible

**Note for Blackleg: 1 = tolerant, 2 = moderately tolerant, 3 = moderately susceptible, 4 = susceptible, 5 = highly susceptible
 **Note for Straw Strength: 0 = normal, 1 = above normal

■ Protected by Plant Breeders' Rights

Argentine Canola Variety Performance 2007



Argentine Canola Variety Performance 2004-2007

NOTE: The check has been changed from **46A65** to **45H21** in order to keep up with genetic advancements. The new check is an **earlier maturing** and **higher yielding** variety, and thus any relativity to it will cause varieties within this graph to look different than their particular positions in past graphs.

**Days to Swathing
+/- 45H21
vs.
Yield as % of 45H21**

