



**B.C. GRAIN
PRODUCERS
ASSOCIATION**

2013 FIELD CROP VARIETY PERFORMANCE



B.C. PEACE RIVER REGION

Funding provided by ...



Agriculture and
Agri-Food Canada

Agriculture et
Agroalimentaire Canada



**Investment
Agriculture
Foundation**
of British Columbia



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Agriculture and Agri-Food Canada (AAFC) is committed to working with industry partners. Opinions expressed in this document are those of the BC Grain Producers Association and not necessarily those of AAFC.

Fertilizer Rates Used In 2013

Fort St. John, B.C.		Legal Description: SW19 Tp84 R18 W6						
Crop	Fertilizer Applied	Pro. kg/ha	Placement	lbs actual/ac Recom. vs. Applied	Enviro-Test Labs			
					N	P₂O₅	K₂O	S
Canola	27-0-0-12	253	banded	*Recommended =	70	32	15	27
	6-26-30	76	banded	Actually applied =	67.7	29.2	20.3	27.1
	11-52-0	25	in-furrow					
Flax	27-0-0-12	253	banded	*Recommended =	65	32	15	15
	6-26-30	76	banded	Actually applied =	67.7	29.2	20.3	27.1
	11-52-0	25	in-furrow					
Cereals	46-0-0	167	banded	*Recommended =	75	22	15	12
	6-26-30	76	banded	Actually applied =	75.3	29.2	20.3	0.0
	11-52-0	25	in-furrow					
Field Pea	20.5-0-0-24	41	banded	*Recommended =	0	25	15	5
	6-26-30	76	banded	Actually applied =	14.1	29.2	20.3	8.8
	11-52-0	25	in-furrow					

Dawson Creek, B.C.		Legal Description: SW20 Tp78 R14 W6						
Crop	Fertilizer Applied	Pro. kg/ha	Placement	lbs actual/ac Recom. vs. Applied	Enviro-Test Labs			
					N	P₂O₅	K₂O	S
Canola	27-0-0-12	278	banded	*Recommended =	80	25	20	27
	6-26-30	76	banded	Actually applied =	73.7	29.2	20.3	29.8
	11-52-0	25	in-furrow					
Flax	27-0-0-12	157	banded	*Recommended =	40	22	20	12
	6-26-30	76	banded	Actually applied =	44.6	29.2	20.3	16.8
	11-52-0	25	in-furrow					
Wheat & Barley	46-0-0	167	banded	*Recommended =	75	22	15	12
	6-26-30	76	banded	Actually applied =	75.3	29.2	20.3	0.0
	11-52-0	25	in-furrow					
Malt Barley	46-0-0	150	banded	*Recommended =	70	22	15	12
	6-26-30	76	banded	Actually applied =	68.3	29.2	20.3	0.0
	11-52-0	25	in-furrow					
Oat	46-0-0	101	banded	*Recommended =	45	22	15	12
	6-26-30	76	banded	Actually applied =	48.2	29.2	20.3	0.0
	11-52-0	25	in-furrow					
Field Pea	20.5-0-0-24	41	banded	*Recommended =	0	25	15	5
	6-26-30	58	banded	Actually applied =	13.1	25.1	15.5	8.8
	11-52-0	25	in-furrow					

*Recommended = recommendations given by ALS Laboratory Group of Saskatoon, SK., calculated from soil samples pulled earlier in the spring of the same calendar year as planted.

Pesticide Applications

Fort St. John, B.C.			
		Legal Description:	SW19 Tp84 R18 W6
Crop	Date Applied	Product Used	Product Rate
Canola	07-Jun-13	Muster (ethametsulfuron methyl) Lontrel 360 (clopyralid) Poast Ultra (sethoxydim) Merge	12 g/ac 227 ml/ac 200 ml/ac 400 ml/ac
Canola CPT (Herb. Systems)	07-Jun-13	WeatherMax (glyphosate) = RR blocks only Liberty150SN (glufosinate-ammonium)=LL only Solo (imazamox) = CL blocks only	400 ml/ac 1.35 L/ac 11.7 g/ac
Field Pea	04-Jun-13	Sencor (metribuzin) 75%DF MCPA Sodium	77g/ac 190ml/ac
Flax	07-Jun-13	Buctril - M (bromonil + MCPA)	400 ml/ac
Wheat, Barley, Oat	07-Jun-13	Buctril - M (bromonil + MCPA)	400 ml/ac

Dawson Creek, B.C.			
		Legal Description:	SW20 Tp78 R14 W6
Crop	Date Applied	Product Used	Product Rate
Canola (napus & rapa)	12-Jun-13	Muster (ethametsulfuron methyl) Lontrel 360 (clopyralid) Poast Ultra (sethoxydim) Merge	12 g/ac 227 ml/ac 200 ml/ac 400 ml/ac
Canola CPT (Herb. Systems)	21-Jun-13	WeatherMax (glyphosate) = RR blocks only Liberty150SN (glufosinate-ammonium)=LL only Solo (imazamox) = CL blocks only	400 ml/ac 1.35 L/ac 11.7 g/ac
Field Pea	16-Jun-13	Sencor (metribuzin) 75%DF MCPA Sodium	77 g/ac 190 ml/ac
Flax	16-Jun-13	Buctril-M (bromonil + MCPA)	400 ml/ac
Malt Barley Oat	16-Jun-13	Buctril-M (bromonil + MCPA)	400 ml/ac
Wheat, Barley, Trit	16-Jun-13	Buctril-M (bromonil + MCPA)	400 ml/ac

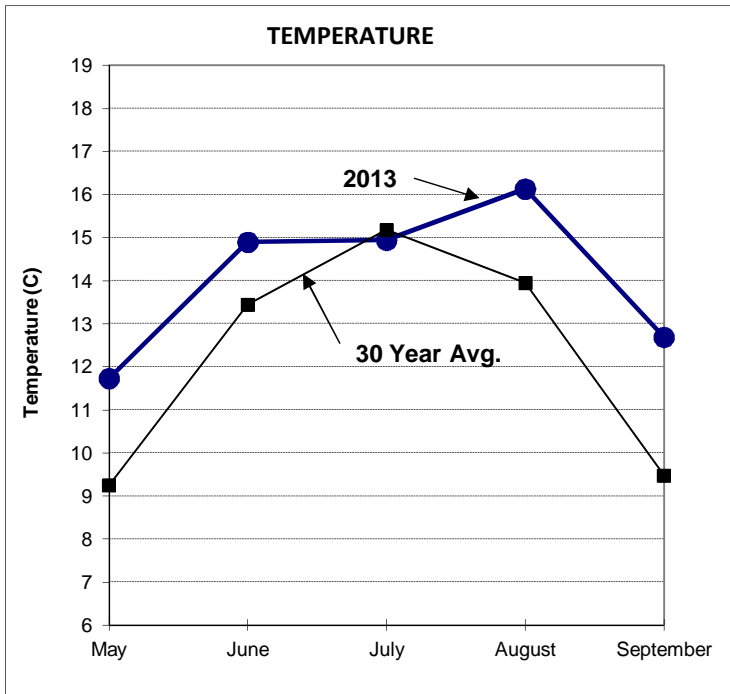
All seed was treated with seed treatment: canola with Helix Xtra®; cereal & flax with Raxil FL®; and pea seed with Apron Maxx RTA.

Planting and Harvest Information

Loc.	Crop	Seeding rate		Date Planted	Soil Temp (C°) @ plant	Seeding Depth	Harvest Date	Harvesting Method
		lbs/ac	kg/ha					
FSJ	Napus Canola	8	8.9	13-May-13	10	0.75 - 1 inch	05-Oct-13	desiccate/direct
	Flax	40	45	13-May-13	10	0.75 - 1 inch	11-Oct-13	desiccate/direct
	Barley	77	86	16-May-13	8	0.75 - 1 inch	07-Sep-13	direct
	CWRS Wheat	90	101	16-May-13	8	0.75 - 1 inch	12-Sep-13	desiccate/direct
	CPS/CWES	90	101	16-May-13	8	0.75 - 1 inch	23-Sep-13	desiccate/direct
	Oat	81	90	16-May-13	8	0.75 - 1 inch	12-Sep-13	desiccate/direct
	Triticale	117	131	16-May-13	8	0.75 - 1 inch	26-Sep-13	direct
	Field Pea	149	167	11-May-13	7.5	0.75 - 1.25 inch	04-Sep-13	desiccate/direct
DC	Napus Canola	8	8.9	14-May-13	10	1-1.25 inch	29-Sep-13	desiccate/direct
	Flax	40	45	11-May-13	8	0.75-1 inch	12-Oct-13	desiccate/direct
	Barley	77	86	17-May-13	10	0.75-1 inch	06-Sep-13	direct
	CWRS Wheat	90	101	17-May-13	10	0.75-1 inch	09-Sep-13	desiccate/direct
	CPS/CWES	90	101	17-May-13	10	0.75-1 inch	20-Sep-13	desiccate/direct
	Oat	81	90	18-May-13	10	0.75-1 inch	13-Sep-13	desiccate/direct
	Triticale	117	131	17-May-13	10	0.75-1 inch	27-Sep-13	direct
	Field Pea	149	167	10-May-13	9	0.75 -1 inch	06-Sep-13	direct

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 Buctril M®, Sencor 75 DF®, Decis®, Raxil FL®, Liberty® and Vitaflo 280® are registered trademarks of Bayer CropScience Canada Inc.
 Helix Xtra® is a registered trademark of Syngenta Crop Protection Canada Inc.
 AgSurf® is a registered trademark of IPCO

Dawson Creek Weather Information 2013



TEMPERATURE

Month	Monthly Avg. Temp. (C)	Temp.* 30 year Avg. (C)
May	12	9
June	15	13
July	15	15
August	16	14
September	13	9

Frost Events: May 7 -4.38 September 26 -1.44
 September 30 -2.66

Killing Frost (-2.2 C) Free Period: 146
 May 7 - September 30

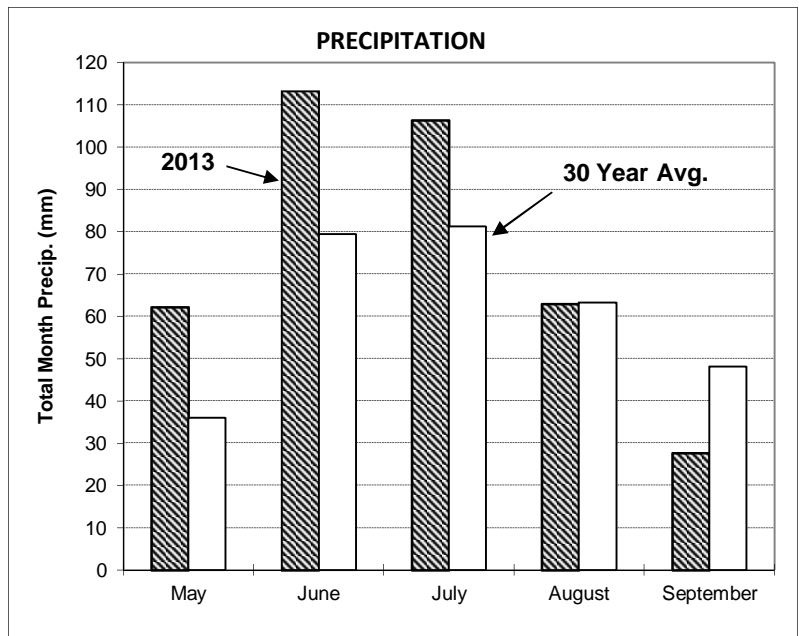
Accumulated Growing Degree Days:
2013: 1326
 1994-2013 Average: 1177

* 30 year average DC from 1968-1997
 Source: Environment CANADA

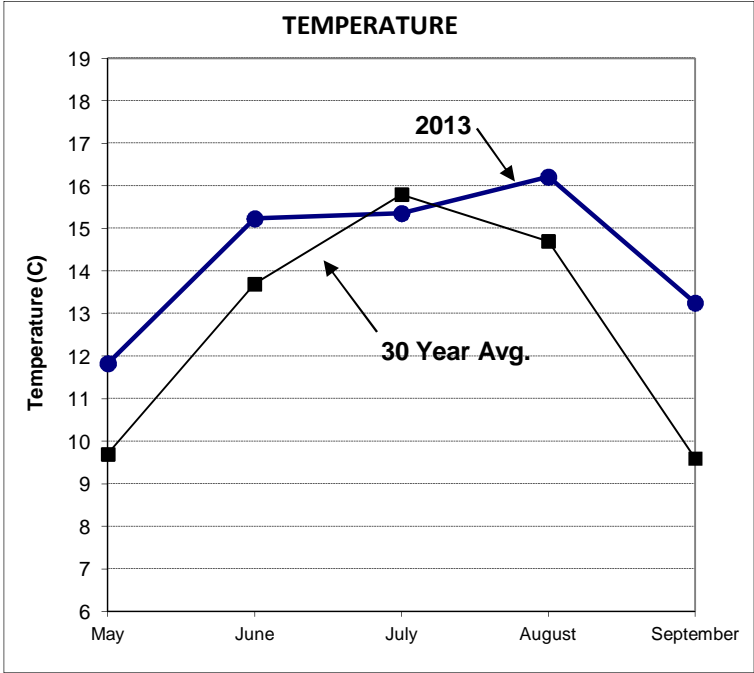
PRECIPITATION

Month	Monthly Precipitation (mm)	Precipitation * 30 year Avg. (mm)
May	62	36
June	113	79
July	106	81
August	63	63
September	28	48

Data is provided by an on site weather station maintained by the Canadian Wheat Board and the BC Grain Producers Association.



Fort St. John Weather Information 2013



Month	Monthly Avg. Temp. (C)	Temp.* 30 year Avg. (C)
May	12	10
June	15	14
July	15	16
August	16	15
September	13	10

Frost Events: May 1 -7.57 September 26 -1.66
 October 13 -2.85

Killing Frost (-2.2 C) Free Period: 165
 May 1 – October 13

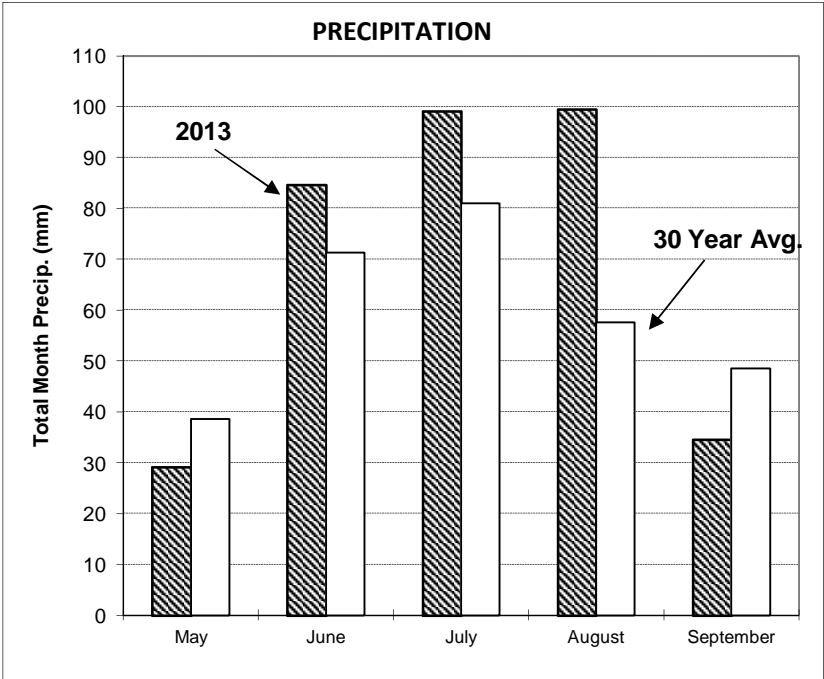
Accumulated Growing Degree Days:
2013: 1363
 1994-2013 Average: 1173

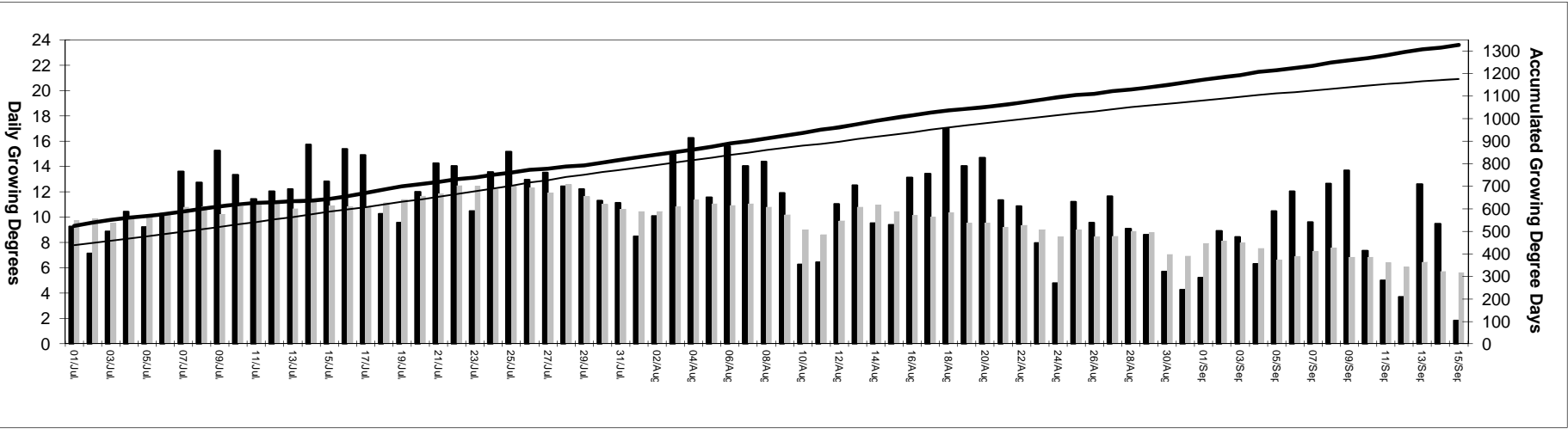
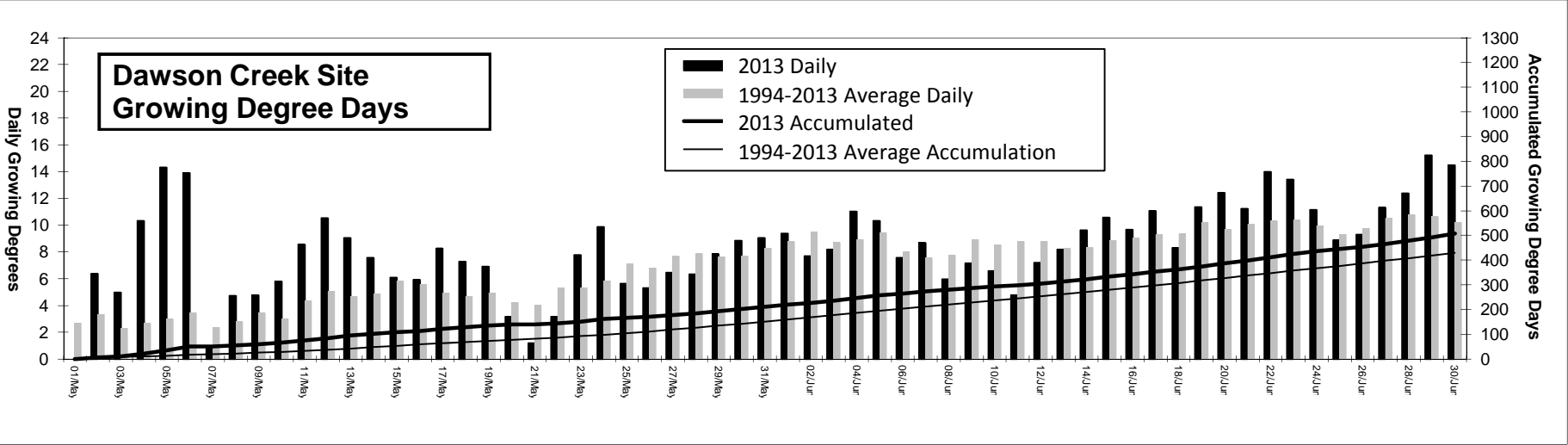
* 30 year average FSJ from 1968-1997
 source: Environment CANADA

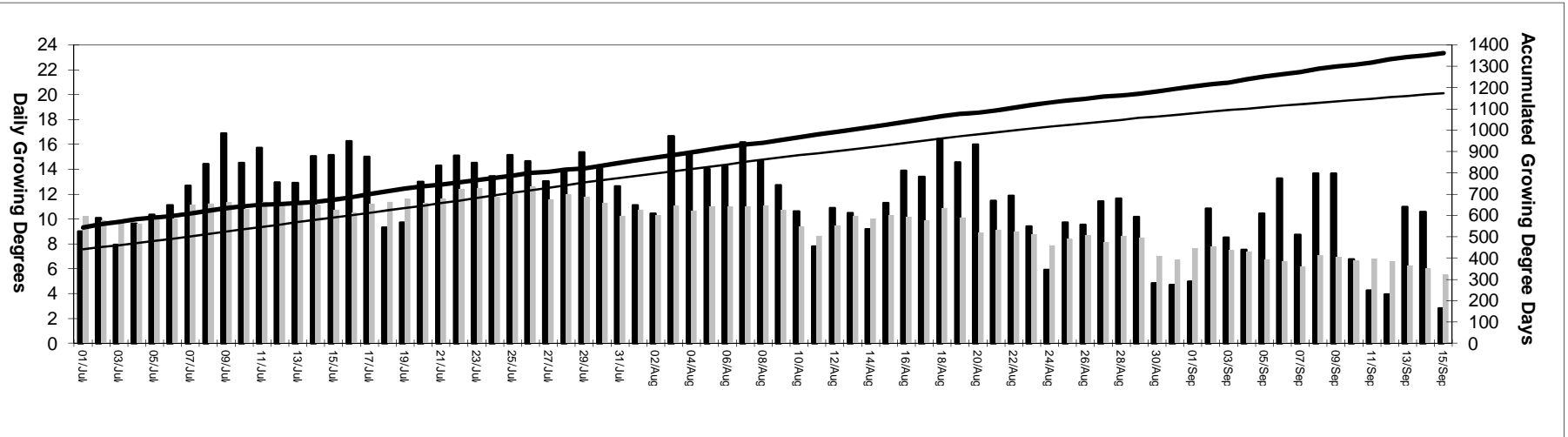
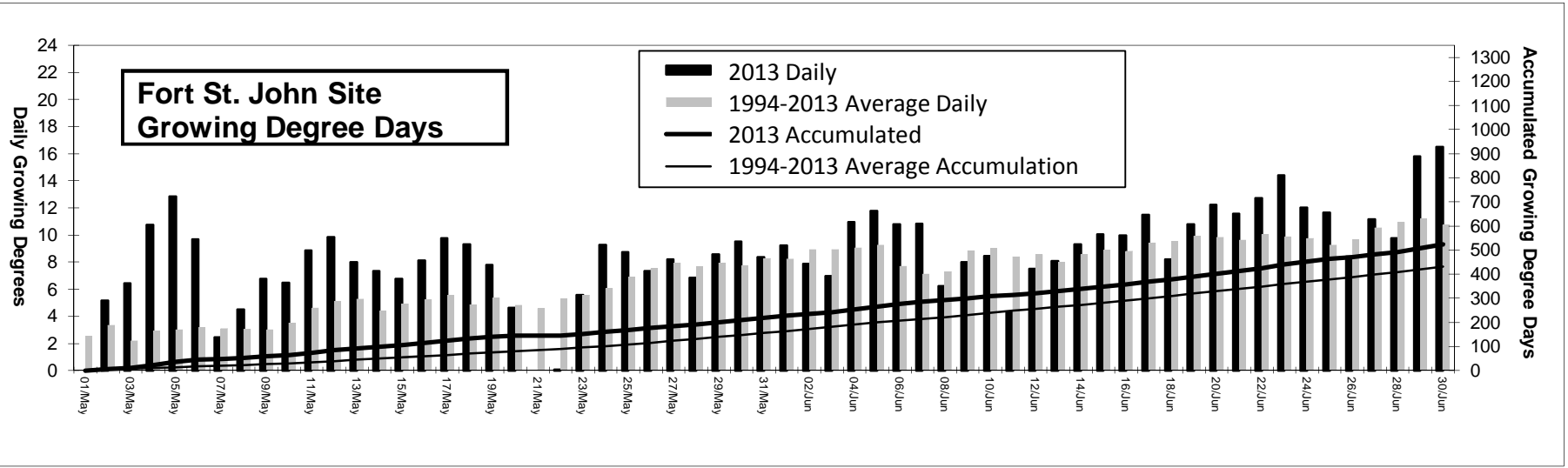
PRECIPITATION

Month	Monthly Precipitation (mm)	Precipitation * 30 year Avg. (mm)
May	29	39
June	85	71
July	99	81
August	100	58
September	35	49

Data is provided by an on site weather station maintained by the Canadian Wheat Board and the BC Grain Producers Association.







List of Certified Seed Distributors

Alliance Seed Corp.

www.allianceseed.com

Bayer CropScience Inc. Canada

#100, 3131-114 Ave. SE Calgary, AB T2Z 3X2
Toll-Free :1(888) 283-6847 Phone:(403)-723-7400

www.bayercropscience.ca

Brett - Young Seeds Ltd.

P.O. Box 99, St. Norbert Postal Station,
Winnipeg, MB R3V 1L5
Toll-Free: 1(800) 665-5015

www.brettyoung.ca

Busch Agricultural Resources Inc. Canada

360 Main Street, Suite 2080
Winnipeg, Manitoba R3C 3Z3
Phone:(204)-927-3603

Canseed Ltd.

R.R. #1, Box 1155 Stettler, AB T0C 2L0
Phone: (403)-742-4091 Fax: (403)-742-0621

Canterra Seeds Ltd.

201-1475 Chevier Blvd. Winnipeg, MB R3T 1Y7
Phone: (204)-988-9750 Fax:(204) 487-7682

www.canterra.com

Cargill Ltd.

P.O. Box 5900 300-240 Graham Avenue Winnipeg, MB
R3C 4C5 Phone:(204)-947-0141 Fax:(204)-947-6444

www.cargill.ca

Crop Production Services Canada Inc.

PO Box 770 Stn Mair
Regina, Saskatchewan S4P 3A8
Toll-Free:1(855)-569-9444
Dawson Creek Phone:(250)-782-9264
Fort St.John Phone:(250)-785-3445

www.cpsagu.ca

DL Seeds

P.O. Box 2499 Morden, MB R6M 1C2
Phone: (204)-331-2361 Fax:(204)-325-8052

www.dlseeds.ca

FP Genetics

426 McDonald Street Regina, SK S4N 6E1
Toll Free: 1(877) 791-1045 Fax: 1(877) 791-1046

www.fpgenetics.ca

Hadland Seed Farm Ltd.

8161 253 Rd, Baldonnel BC,V0C 1C0
Phone: (250)-789-3646

Mastin Seeds

RR #1 Sundre, AB T0M 0X0
Phone:(403)-556-2609 Fax: (403)-507-2609

www.mastinseeds.com

Monsanto Canada Inc (DEKALB)

900 - 1 Research Road Winnipeg, MB R3T 6E3
Toll-Free:1(800) 667-4944 Phone: (204)-985-1000

www.monsanto.ca

Pioneer Hi-Bred Ltd. (DuPont)

P.O. Box 730, 7398 Queen's Line Chatham, ON
N7M 5L1 Phone: (519)-352-6350

www.pioneer.com/canada

Richardson International

2800 One Lombard Place, Winnipeg, MB R3B 0X8
Toll Free:1-866-217-6211

Phone: (204)-934-5961

<http://www.richardson.ca>

Saskatchewan Pulse Growers

104 - 411 Downey Road Saskatoon, SK S7N 4L8
Phone: (306)-668-5556 Fax: (306)-668-5557

www.saskpulse.com

SeCan Association

400 - 300 Terry Fox drive Kanata, ON K2K 2E2
Toll-Free:1(800)-665-7333(Western Canada)

www.secan.com

Seed Depot Corp.

P.O. Box 208 Pilot Mound, MB R0G 1P0
Phone: (204)-825-2000

www.seeddepot.ca

SeedNet Inc.

John Huvenaars Phone: (403) 725-2126

<http://www.seednet.ca>

Solick Seeds Ltd.

Po Box 97 Halkirk, AB T0C 1M0
Phone: (403)-884-2358 Fax: (403)-884-2360

Syngenta Seeds Canada Inc.

140 Research Lane Research Park
Guelph, Ontario N1G 4Z3
Toll-Free:1(888)-368-4211 Phone:(519)-836-5665

www.syngenta.ca

T & L Seeds

P.O. Box 216 North Battleford, SK S9A 2Y7

Wagon Wheel Seed Corp.

Box 229 Churchbridge, SK S0A 0M0
Phone: (306)-896-2236 Fax: (306)-896-2696

<http://www.wagonwheelseeds.sk.ca>

Western Ag Labs

#104 - 110 Research Drive Innovation Place
Saskatoon, SK S7N 3R3

Toll Free: 1(877)-978-1777

Phone:1(360)-978-1777 Fax:1(360)-978-4140

<http://www.westernag.ca>