



**B.C. GRAIN
PRODUCERS
ASSOCIATION**

2012 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 2012

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	P ₂ O ₅	K ₂ O	S
Canola	27-0-0-12	228	banded	*Recommended =	60	35	20	25
	6-26-30	76	banded	Actually applied =	61.7	29.2	20.3	24.4
	11-52-0	25	in-furrow					
Flax	27-0-0-12	187	banded	*Recommended =	40	25	15	12
	6-26-30	76	banded	Actually applied =	51.8	29.2	20.3	0.0
	11-52-0	25	in-furrow					
Cereals	46-0-0	150	banded	*Recommended =	65	25	15	12
	6-26-30	76	banded	Actually applied =	68.3	29.2	20.3	0
	11-52-0	25	in-furrow					
Peas	20.5-0-0-24	65	banded	*Recommended =	15	27	15	12
	6-26-30	93	banded	Actually applied =	19.3	33.2	24.9	13.9
	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	P ₂ O ₅	K ₂ O	S
Canola	27-0-0-12	291	banded	*Recommended =	75	30	50	30
	6-26-30	55	banded	Actually applied =	76.3	26.7	14.7	31.2
	11-52-0	0	in-furrow					
Flax	27-0-0-12	253	banded	*Recommended =	65	25	55	15
	6-26-30	93	banded	Actually applied =	68.6	33.2	24.9	27.1
	11-52-0	25	in-furrow					
Wheat & Barley	46-0-0	150	banded	*Recommended =	60	25	25	5
	6-26-30	76	banded	Actually applied =	68.3	29.3	20.3	0
	11-52-0	25	in-furrow					
Malt Barley & Oats	46-0-0	127	banded	*Recommended =	35	22	15	10
	6-26-30	50	banded	Actually applied =	44.4	25.5	13.4	0
	11-52-0	30	in-furrow					
Peas	20-0-0-24	65	banded	*Recommended =	20	25	80	15
	6-26-30	93	banded	Actually applied =	19.3	33.2	24.9	13.9
	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	14-Jun-12	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)	14-Jun-12	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 Peas	11-Jun-12	Sencor (metribuzin) 75%DF MCPA Sodium	77g/ac 190ml/ac
	14-Jun-12	Poast Ultra + Merge	190ml /ac + 1%
Flax	11-Jun-12	Buctril - M (bromonil + MCPA)	400 ml/ac
	14-Jun-12	Poast Ultra + Merge	190ml /ac + 1%
Wheat, Barley, Oat	11-Jun-12	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)	13-Jun-12	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)	13-Jun-12	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 Peas	13-Jun-12	Sencor (metribuzin) 75%DF MCPA Sodium	77 g/ac 190 ml/ac
	13-Jun-12	Poast Ultra + Merge	190ml /ac + 1%
Flax	13-Jun-12	Buctril-M (bromonil + MCPA)	400 ml/ac
	13-Jun-12	Poast Ultra + Merge	190ml /ac + 1%
Malt Barley Oat	9-Jun-12	Refine SG Ag Surf MCPA Ester	12 g/ac 2L/1000L H2O 228ml/ac
Wheat, Barley, Trit	9-Jun-12	Refine SG Ag Surf MCPA Ester	12 g/ac 2L/1000L H2O 228ml/ac

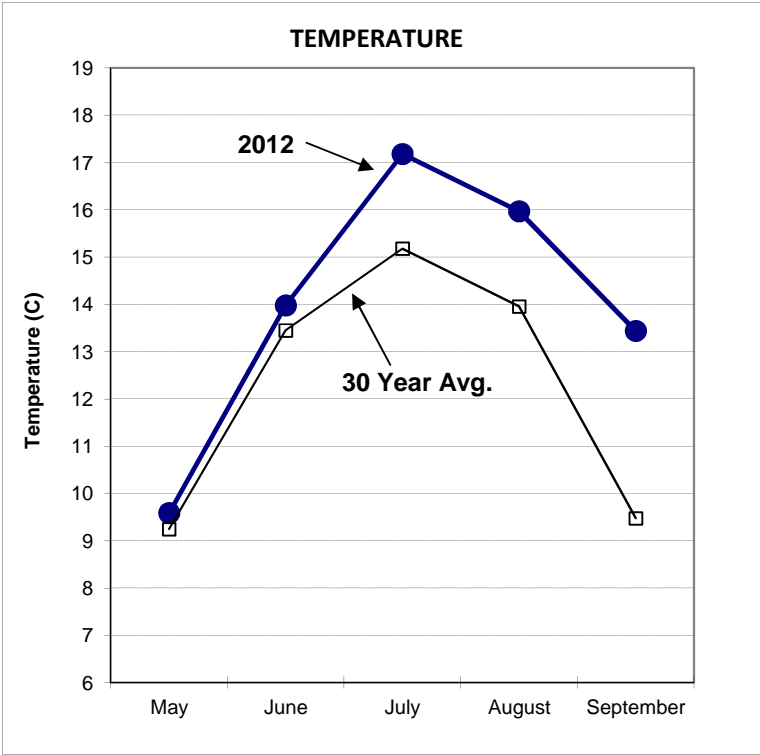
All seed was treated with seed treatment: canola with Helix Xtra®; cereal & flax with Raxil FL®; and pea seed with Apron Maxx RTA.

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	14-May-12	8	0.75 - 1 inch	10-Sep-12	direct
	Flax	40	45	10-May-12	5	0.75 - 1 inch	21-Sep-12	desiccate/direct
	Barley	77	86	17-May-12	4	1 - 1.25 inch	28-Aug-12	direct
	CWRS Wheat	90	101	17-May-12	4	1 - 1.25 inch	4-Sep-12	direct
	CPS/CWES	90	101	17-May-12	4	1 - 1.25 inch	4-Sep-12	direct
	Oats	81	90	17-May-12	4	1 - 1.25 inch	28-Aug-12	direct
	Triticale	117	131	17-May-12	4	1 - 1.25 inch	4-Sep-12	direct
	Peas	149	167	8-May-12	4	0.75 - 1 inch	20-Aug-12	direct
DC	Napus Canola	8	8.9	13-May-12	5	1.25-1.5 inch	8-Sep-12	direct
	Flax	40	45	9-May-12	3	1.25-1.5 inch	11-Sep-12	desiccate/direct
	Barley (Malt)	77	86	19-May-12	3	0.75 - 1 inch	30-Aug-12	direct
	CWRS Wheat	90	101	16-May-12	6	1 - 1.5 inch	3-Sep-12	direct
	CPS/CWES	90	101	16-May-12	6	1 - 1.5 inch	3-Sep-12	direct
	Oats	81	90	19-May-12	4	0.75 - 1 inch	30-Aug-12	direct
	Triticale	117	131	16-May-12	6	1 - 1.5 inch	3-Sep-12	direct
	Peas	149	167	8-May-12	5	1-1.25 inch	20-Aug-12	direct

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 Lontrel® and Curtail M® are registered trademarks of Dow AgroSciences Canada Inc.
 Buctril M®, Sencor 75 DF®, Decis®, Raxil FL®, Liberty® and Vitaflor 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 2012



TEMPERATURE

Month	Monthly Avg. Temp. (C)	Temp.* 30 year Avg. (C)
May	10	9
June	14	13
July	17	15
August	16	14
September	13	9

Frost Events: May 19 -6.35 September 15 -2.2
 May 20 -1.8

Killing Frost (-2.2 C) Free Period: 121
 May 19 - September 15

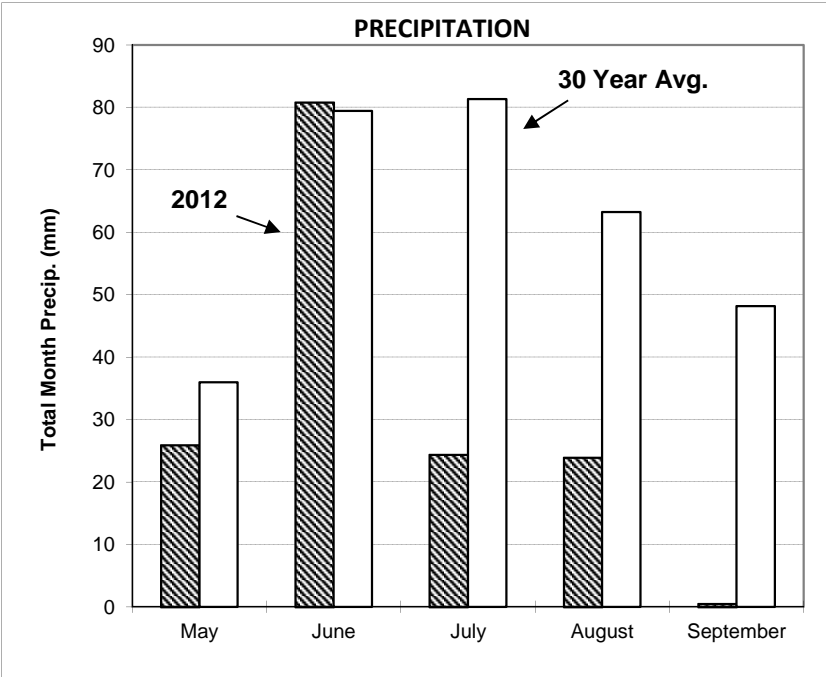
Accumulated Growing Degree Days:
2012: 1264
 1994-2012 Average: 1169

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

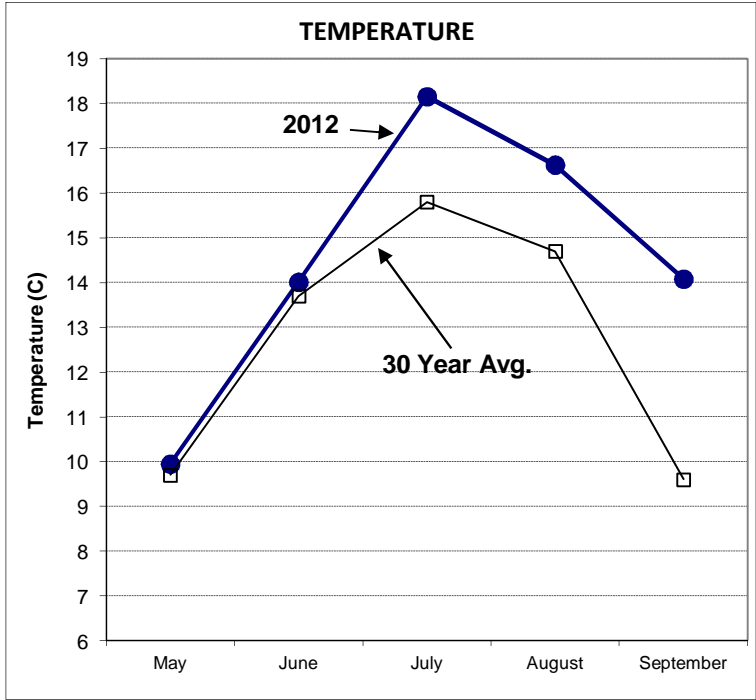
PRECIPITATION

Month	Monthly Precipitation (mm)	Precipitation * 30 year Avg. (mm)
May	26	36
June	81	79
July	24	81
August	24	63
September	1	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 2012



Month	Monthly Avg. Temp. (C)	Temp.* 30 year Avg. (C)
May	10	10
June	14	14
July	18	16
August	17	15
September	14	10

Frost Events: May 18 -2.5 September 15 -0.8
 May 19 -3.7 September 16 -2.7

Killing Frost (-2.2 C) Free Period: 122
 May 19 - September 16

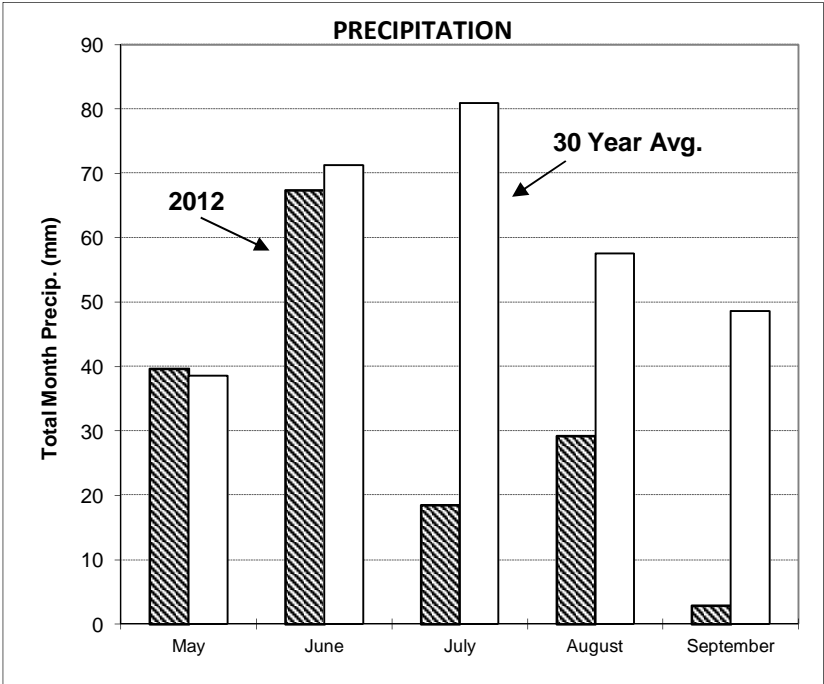
Accumulated Growing Degree Days:
2012: 1329
 1994-2012 Average: 1162

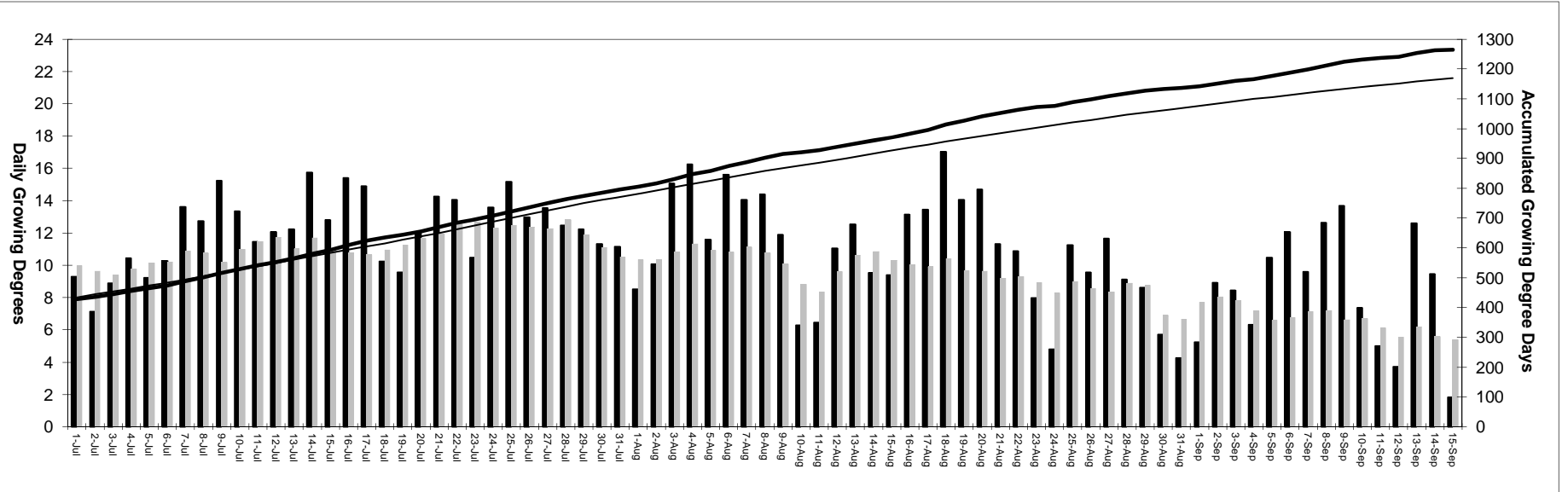
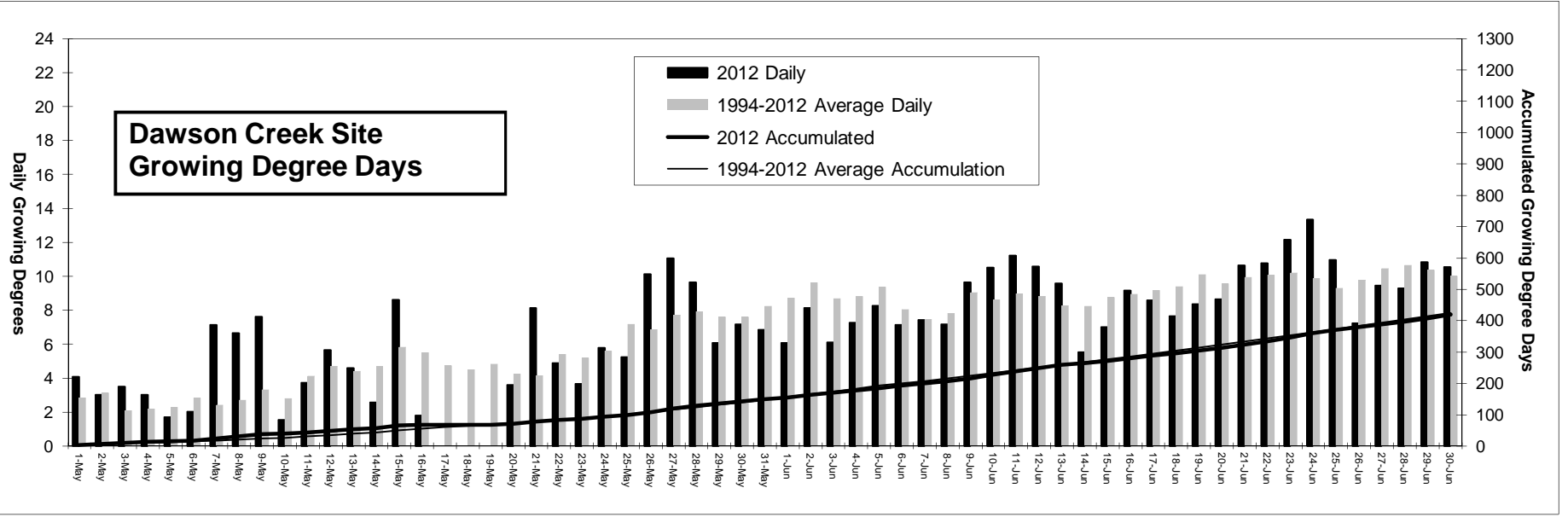
* 30 year average FSJ from 1968-1997
 source: Environment CANADA

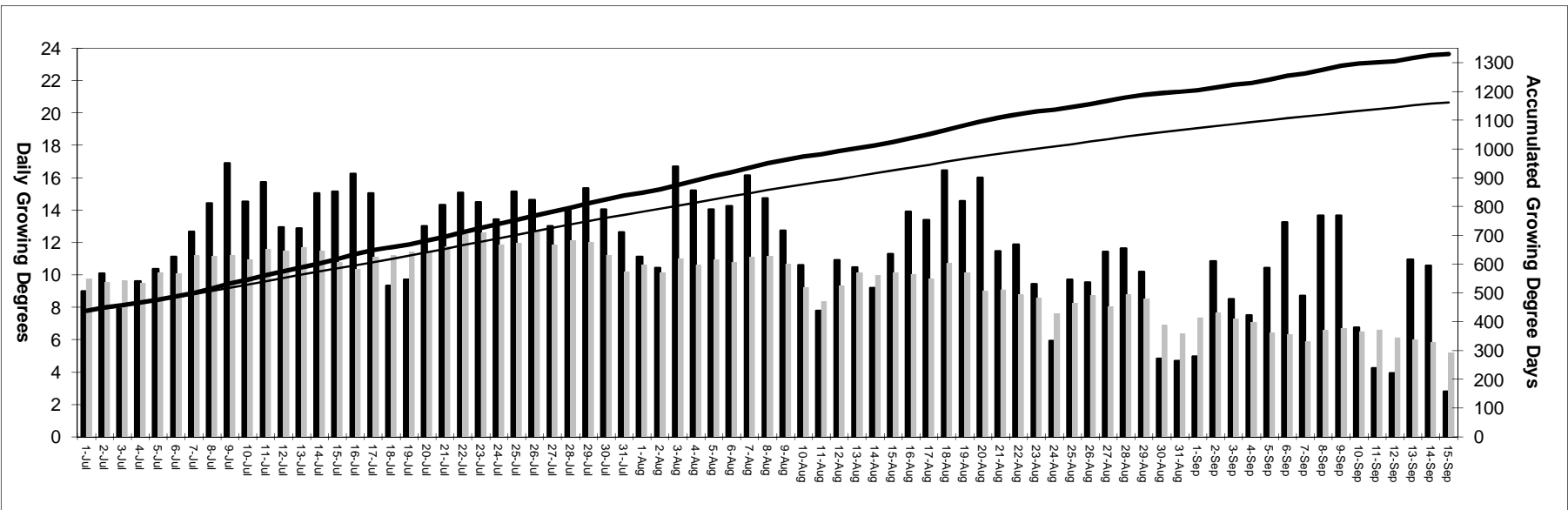
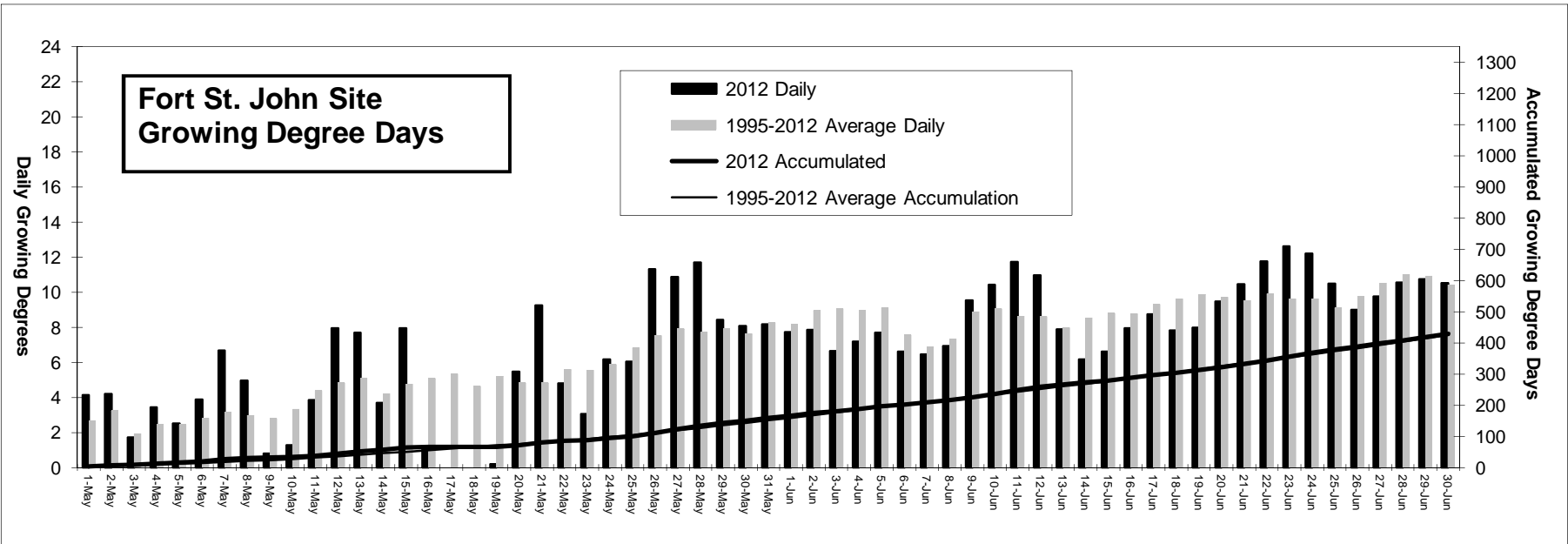
PRECIPITATION

Month	Monthly Precipitation (mm)	Precipitation * 30 year Avg. (mm)
May	40	39
June	67	71
July	19	81
August	29	58
September	3	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

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

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 2Y1

Viterra

P.O. Box 6600 CanWest Global Place 201
Portage Avenue Winnipeg, MB R3C 3A7
Toll Free:1(866) 569-4411 Fax: 1(866) 310-4156
Dawson Creek Phone:(250)-782-9264
Fort St.John Phone:(250)-785-3445
www.viterra.ca

Wedge Farms(Smart&Natural Foods ltd)

box 276 363 River Road Arborg, MB R0C 0A0
toll free: 1(877) 738-2144 fax: 1(204)-376-2201
www.mysmartfoods.com

Wagon Wheel Seed Corp.

Box 229 Churchbridge, SK S0A 0M0
Phone: (306)-896-2236 Fax: (306)-896-2696
<http://www.wagonwheelseeds.sk.ca>