

# Saskatchewan flax

# **Development Commission**

## Directors 2003/04

Gordon Cresswell, Tisdale (Chair) Allen Kuhlmann, Rouleau (Vice-Chair) Edmond Aime, Redvers Chris Hale, Rouleau Dave Sefton, Broadview Lyle Simonson, Swift Current

#### Advisors

Dr. Gordon Rowland, Saskatoon (CDC) William Greuel, Regina (SAFRR)

#### **Executive Director**

Linda Braun, Saskatoon

Fiber Specialist Alvin Ulrich, Saskatoon Chemopreventative and
Antioxidant Effects of Flaxseed
Lignans, Krol, U of S
Application of Saskatchewan Flax
Straw in Plastics Processing
Industries, Tabil, U of S
Phosphorus Management as
Affected by Tillage, Preceding
Crop and Residual P Fertility,
Grant, AAFC

Effects of Nitrogen Fertilizer Management on Crop Production Flax, Canola and Wheat and Emissions of the Greenhouse Gas, Nitrous Oxide, Lemke, AAFC

- Assess the Feasibility of Processing Plant Method for Retting Straw in Saskatchewan, Lischynski, PAMI
   Feeding Flax to Livestock, McKinnon, U of S
- Development of Oilseed Flax Varieties with Enhanced Straw Fiber Concentration, Rowland, U of S
- Isolation, Characterization and Clinical Applications of Flax Mucilage – Cunnac, Insfa France and Dahl, U of S





#### Communication

Registered flax producers are the primary stakeholders for the Commission. Information on production, research, products; industry and markets were conveyed to Saskatchewan producers via the Commission's newsletter (published three times per year); the web site; the annual report, at the annual business meeting and industry update; our first winter field day and through personal communication.

Other important stakeholders include allied industry organizations like the Flax Council of Canada and AmeriFlax, agricultural related partners (i.e. Canada Grains Council and PRRCG) and all levels of government. Collaborative and cooperative initiatives with these stakeholders helped to direct industry enhancement and growth, maximized/utilized limited financial resources while ensuring the best interests of our flax growers. As well as representing flax producers on priority issues for the industry, working within this environment provided opportunities for information transfer, networking and recognition of flax's contribution to the sector and indications for future direction.

#### **Market Facilitation**

Our market facilitation program works to support domestic and international opportunities for flax – food, feed and fiber.

From a food perspective, SaskFlax provided third party product information related to nutrition, storage and cookery (recipes) to consumers at home and abroad. Cooperative programs with AmeriFlax introduced World Food Professionals and North American Food Technologists Institute members flax's role in food and nutrition. The Mexican Bakery Marketplace was introduced to flax and flax products produced in Saskatchewan as was Chile's aquaculture industry.

Within the Saskatchewan marketplace, SaskFlax worked with CARDS, other commodity groups and food processors on a long term initiative to celebrate Saskatchewan agriculture and food. The Growing Saskatchewan Committee worked on three communication projects- a magazine, web site and culinary concert (October 2004 launch).

From a feed perspective, we continued our support with the Flax Council of Canada on beef feed demonstration projects at Kansas State University and the University of Saskatchewan.

Regarding the fiber sector, SaskFlax continued to advance the development of the fiber industry (straw utilization). A. Ulrich, under contract, championed activities related to research (agronomic/breeding/harvest) product characterization; processing (fiber separation) and market opportunities. This work was supported by SFDC with financial assistance from CAFI, CARDS and ADF.

Saskatchewan Flax Development Commis	ssion
BALANCE SHEET	
As at July 31, 2004	

ASSETS				
	Operating I	Restricted	Total	Tota
	Fund	Fund	2004	2003
CURRENT				
Cash	104,453	451,907	556,360	757,798
Accounts receivable	134,034	0	134,034	86,819
Interfund (payable) receivable	(148,093)	148,093	0	0
	90,394	600,000	690,394	844,617
CAPITAL (Note 2)	57,14	0	57,14	
	147,535	600,000	747,535	844,617
LIABILITIES				
CURRENT				
Accounts payable	73,468	0	73,468	65,343
Research grants payable	64,000	0	64,000	109,600
	137,468	0	137,468	174,943
SURPLUS				
Appropriated (Note 3)	0	600,000	600,000	600,000
Cumulative surplus	10,067	0	10,067	69,674
	10,067	600,000	610,067	669,674
	147,535	600,000	747,535	844,617
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Approved on behalf of the Board

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Saskatchewan Flax Development Commission STATEMENT OF CASH FLOWS For the year ended July 31, 2004		
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	2004	2003
CASH PROVIDED BY (USED BY) THE FOLLOWING ACTIV	/ITIES	
OPERATIONS		
Surplus (deficit) for the year	(59,607)	126,088)
Items charged to earnings which do not affect cash		
Amortization	3,451	869
Net change in non-cash working capital balances		
Accounts receivable	(47,215)	4,081
Accounts payable	8,125	1,962
Research grants payable	(45,600)	29,762
	(140,846)	(89,414)
INVESTMENT		
Grants received for acquisition of capital assets	141,382	0
Acquisition of capital assets	(201,974)	0
	(60,592)	
Increase (decrease) in cash during the year	(201,438)	(89,414)
CASH BEGINNING OF THE YEAR	757,798	847,212
CASH END OF THE YEAR		757,798

#### **AUDITOR'S REPORT**

#### To the Board of Directors of Saskatchewan Flax **Development Commission**

I have audited Saskatchewan Flax Development Commission's control as of July 31, 2004 to express an opinion as to the effectiveness of its control related to the following objectives.

- To safeguard public resources. That is, to ensure its assets are not lost or used inappropriately; to ensure it does not inappropriately incur obligations; to establish a financial plan to achieve its goals; and to monitor and react to its progress towards the objectives established in its financial plan.
- To prepare reliable financial reports.
- To conduct its activities following laws, regulations and policies related to financial reporting, safeguarding public resources. revenue raising, spending, borrowing and investing.

used the control framework developed by the Canadian Institute of Chartered Accountants (CICA) to make my judgements about the effectiveness of Saskatchewan Flax Development Commission's control. I did not audit certain aspects of control concerning the effectiveness, economy, and efficiency of certain management decision-making processes.

The CICA defines control as comprising those elements of an organization's objectives that, taken together, support people in the Suppliers achievement of the organization's objectives. Control is effective to the extent that it provides reasonable assurance that the organization will achieve its objectives reliably.

Saskatchewan Flax Development Commission's management is responsible for effective control related to the objectives described above. My responsibility is to express an opinion on the effectiveness of control based on my audit.

conducted my audit in accordance with standards for assurance engagements established by the CICA. Those standards require that I plan and perform an audit to obtain reasonable assurance as to effectiveness of Saskatchewan Flax Development Commission's control related to the objectives above. An audit includes obtaining an understanding of the significant risks related to these objectives, the key control elements and control activities to manage these risks and examining, on a test basis, evidence relating to control.

In my opinion, Saskatchewan Flax Development Commission's control was effective, in all significant respects, related to the objectives stated above as of July 31, 2004 based on the CICA criteria of control framework.

Control can provide only reasonable not absolute assurance of achieving objectives reliably for two reasons. First, there are inherent limitations in control including judgement in decisionmaking, human error, collusion to circumvent control activities and management overriding control. Second, cost/benefit decisions are made when designing control in organizations. Because control can be expected to provide only reasonable assurance not absolute assurance, the objectives referred to above may not be achieved reliably. Also, projections of any evaluation of control to future periods are subject to the risk that control may become ineffective because of changes in internal and external conditions, or the degree of compliance with control activities may deteriorate.

Merv Culham

Chartered Accountant Regina, Saskatchewan October 21, 2004

#### Saskatchewan Flax Development Commission EXPENDITURE BY OBJECT For the year ended July 31, 2004

B		2004	2003
P	ersonal		
	Chris Hale	3,085	5,608
1	Lyle Simonson	4,445	0
)	Allen Kuhlmann	6,318	5,851
	Edmond Aime	5,937	1,716
5	Terry Boehm	0	463
3	Barry Karol	2,500	7,000
13	Bob Linnell	1,353	6,561
10	Gord Cresswell	14,356	13,934
6	Dave Sefton	13,855	8,814
1	Payees under \$2,500	0	0
		51,849	49,947

Food Focus Saskatoon Inc.	172,682	109,658
Biolin Research	159,168	103,211
Canada Post	27,377	29,078
Colorscape Communications	43,537	82,158
Flax Council of Canada Saskatchewan Canola Development	61,655	0
Commission (Levy Central)	16,157	17,281
University of Saskatchewan - scholarship	0	15,000
Payees under \$20,000	89,179	16,302
	569,755	372,688

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	100,725	183,619
Payees under \$20,000	2,225	5,621
University of Saskatchewan	82,500	145,498
Receiver General of Canada (AAFC)	5,500	6,000
PAMI	4,000	10,000
Biolin Research	6,500	16,500
Hosearen		

606,254



### Saskatchewan Flax Development Commission STATEMENT OF REVENUE AND CUMULATIVE SURPLUS For the year ended July 31, 2004

	Budget	Actual	Actual
	2004	2004	2003
REVENUE			
Crop levy	502,000	540,661	448,962
Levy refunds issued	(26,000)	(29,833)	(20,465)
Net crop levy	476,000	510,828	428,497
Grant revenues	0	128,040	14,186
Interest income	50,000	23,854	37,483
	526,000	662,722	480,166
EXPENDITURE			
Administration			
Executive director	64,400	58,606	50,521
Travel	1,500	1,448	1,391
Administration	9,000	7,548	6,751
Rent	6,420	6,420	5,457
Levy collection	15,000	16,349	17,383
Meetings	8,300	10,117	6,485
Director per diems	11,625	8,484	7,357
Director honoraria	11,480	10,915	10,085
Professional fees	3,000	3,607	5,318
Bank charges	500	307	290
Insurance	1,500	2,350	1,260
Electronic equipment/programs	3,000	0	0
Amortization	0	3,451	869
Communication (Schedule 1)	170,560	143,387	142,170
Research (Schedule 2)	101,000	100,725	183,619
Market facilitation (Schedule 3)	239,180	348,615	167,298
	646,465	722,329	606,254
SURPLUS (DEFICIT) FOR THE			
YEAR	(120,465)	(59,607)	(126,088)
CUMULATIVE SURPLUS BEGINNIN	G OF YEAR	69,674	195,762
Transfer to appropriated surplus		0	0
CUMULATIVE SURPLUS END OF Y	FAR	10.067	69 674

# AUDITOR'S REPORT To the Members of Saskatchewan Flax Development Commission

I have audited the balance sheet of Saskatchewan Flax Development Commission as at July 31, 2004 and the statements of revenue, cumulative surplus and cash flows for the year then ended. These financial statements are the responsibility of the organization's management. My responsibility is to express an opinion on these financial statements based on my audit.

I conducted my audit in accordance with Canadian generally accepted auditing standards. Those standards require that I plan and perform an audit to obtain reasonable assurance whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation.

In my opinion, these financial statements present fairly, in all material respects, the financial position of the organization as at July 31, 2004 and the results of its operations and its cash flows for the year then ended in accordance with Canadian generally accepted accounting principles.

#### Merv Culham

EDB.

Chartered Accountant Regina, Saskatchewan October 21, 2004



To the members of Saskatchewan Flax **Development Commission** and the Agri-Food Council



Saskatchewan Flax Development Commission SCHEDULES TO THE FINANCIAL STATEMENTS For the year ended July 31, 2004

	Budget	Actual	Actual
	_		2003
Communications			Schedule 1
	12,000	14,067	10,473
Newsletter			52,200
Field day			5,559
Scholarship	15,000	10	15,021
Memberships and subscriptions	3,000		1,839
Joint program/partnerships	5,500	3,342	5,025
Industry liaison	35,000	33,386	27,296
Promotional and resource materials	5,000	3,841	0
Committee coordination	3,060	1,480	0
Election	25,000	18,713	20,254
Electronic communication	6.500	6.200	4,503
2004450504544444	.70,560	143,387	142,170
Research			Schedule 2
New research	0		
Dr. Dahl - flax mucilage	0	3,500	
Sub-total new research	0		0
Research coordination	6,000		5,621
PAMI - retting straw plant	4,000		10,000
Dr. Rowland - NSERC	48,000		47,000
Dr. Pasad - high blood pressure and flax	0		12,398
Dr. Rowland - eastern flax varieties	0		15,000
Dr. Grant - phosphorus	3,000		0
Dr. McKinnon - feed	0		11,000
Dr. Driederichsen - molecular evaluation	0		1,000
Biolin - fiber	0		10,000
Drs. Lemke and Lafond - nitrogen mgt. greenhouse	2,500		0
Dr. Diederschen - world mucilage PGRC	0	v	5,000
Dr. Drew - fish meal/oil using WCFI	6,000	6,000	12,000
Dr. Krol - chemo/antioxidation of flax lignans	20,000	20,000	23,100
Mr. Ulrich - variety enhanced bast phase II	6,500	6,500	6,500
Dr. Tabil - flax straw fiber in plastic process	5,000	5,000	25,000
	101,000	100,725	183,619
	Annual general meeting Newsletter Field day Scholarship Memberships and subscriptions Joint program/partnerships Industry liaison Promotional and resource materials Committee coordination Election Electronic communication  Research New research Dr. Dahl - flax mucilage Sub-total new research Research coordination PAMI - retting straw plant Dr. Rowland - NSERC Dr. Pasad - high blood pressure and flax Dr. Rowland - eastern flax varieties Dr. Grant - phosphorus Dr. McKinnon - feed Dr. Driederichsen - molecular evaluation Biolin - fiber Drs. Lemke and Lafond - nitrogen mgt. greenhouse Dr. Diederschen - world mucilage PGRC Dr. Drew - fish meal/oil using WCFI Dr. Krol - chemo/antioxidation of flax lignans Mr. Ulrich - variety enhanced bast phase II	Annual general meeting       12,000         Newsletter       55,000         Field day       5,500         Scholarship       15,000         Memberships and subscriptions       3,000         Joint program/partnerships       5,500         Industry liaison       35,000         Promotional and resource materials       5,000         Committee coordination       3,060         Election       25,000         Electronic communication       6,500     Research  New research  Or. Dahl - flax mucilage  Or. Dahl - flax mucilage  Sub-total new research  Research coordination  PAMI - retting straw plant  Or. Rowland - NSERC  PARI - retting straw plant  Or. Rowland - NSERC  Alexandary  4,000  Pr. Pasad - high blood pressure and flax  Or. Pasad - high blood pressure and flax  Or. Rowland - eastern flax varieties  Or. Grant - phosphorus  Or. McKinnon - feed  Or. Driederichsen - molecular evaluation  Biolin - fiber  Ors. Lemke and Lafond - nitrogen mgt. greenhouse  Dr. Diederschen - world mucilage PGRC  Or. Drew - fish meal/oil using WCFI  Or. Drew - fish meal/oil using WCFI  Or. Chemo/antioxidation of flax lignans  Mr. Ulrich - variety enhanced bast phase II  6,500         Mr. Ulrich - variety enhanced bast phase II       6,500	Communications         2004         2004           Annual general meeting         12,000         14,067           Newsletter         55,000         53,381           Field day         5,500         6,401           Scholarship         15,000         2,566           Joint program/partnerships         5,500         3,342           Industry liaison         35,000         3,841           Committee coordination         3,060         1,480           Election         25,000         18,713           Electronic communication         6,500         6,200           New research         0         70,560         143,387           Research         0         3,500         3,500           Sub-total new research         0         3,500         3,500           PAMI - retting straw plant         4,000         4,000         5,000           PAMI - retting straw plant         4,000         4,000         6,000

# Market facilitation

Budget 2004

30,000

9,180

100,000

239,180

Actual

2004 2003

Actual

Nutraceutical market

Committee coordination

Food market

Feed market

Fiber market

Allied industry programs

25,308 0

100,000 84,748

348,615

55,206 17,176

4.874 34,670

229,051 64,734

146

167,298

5

1/ Accounting policies

Saskatchewan Flax Development Commission operates to promote and enhance flax production in Saskatchewan for maximum return to producers through market development, research, leadership and communication in the industry.

The carrying amount of cash, accounts receivable, accounts payable and research grants payable approximates their fair market market value due to the short-term maturities of these items.

Revenues are recognized when received or receivable if the amount to be received can be reasonably estimated.

Amortization of capital assets is provided using the straight-line method over the estimated useful lives of the capital assets.

The preparation of the financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenditures during the reporting period. By their nature, these estimates are subject to measurement uncertainty and the effect on the financial statements of changes in such estimates in future periods could be significant.

The budgeted figures are presented for comparison purposes as prepared and approved by the Board, reclassified to conform to the current financial statement presentation. They have not been audited or reviewed.

#### 2/ Capital assets

zi Capital assets		20	04		2003	
	Cost	Grants received	Accum. amort.	Book Value	Book Value	Rate
Computer equipment	8,425	0	8,425	0	0	20%
Research equipment	201,974	141,382	3,451	57,141	0	10%
	210,399	141,382	11,876	57,141	0	

#### 3/ Appropriated surplus

Surplus has been appropriated as a reserve to fund future expenditures. Further appropriations will be determined by the Board of Directors.

#### 4/ Contingent liability

The Board approved future funding of projects with costs approved as follows:

	Total Cost
Year ended July 31, 2005	58,600
Year ended July 31, 2006	48,000
Year ended July 31, 2007	50,500
	157,100

#### 5/ Incorporation statute

Saskatchewan Flax Development Commisson is a non-profit organization incorporated under the Agri-Foods Act of Saskatchewan.

Under present legislation, no income taxes are paid on the reported income of such operations.

#### Saskatchewan Flax Development Commission BOARD OF DIRECTORS For the year ended July 31, 2004

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