

2018 ANNUAL REPORT

Highlighting IAF's role in the delivery of Government programs and project support for industry.

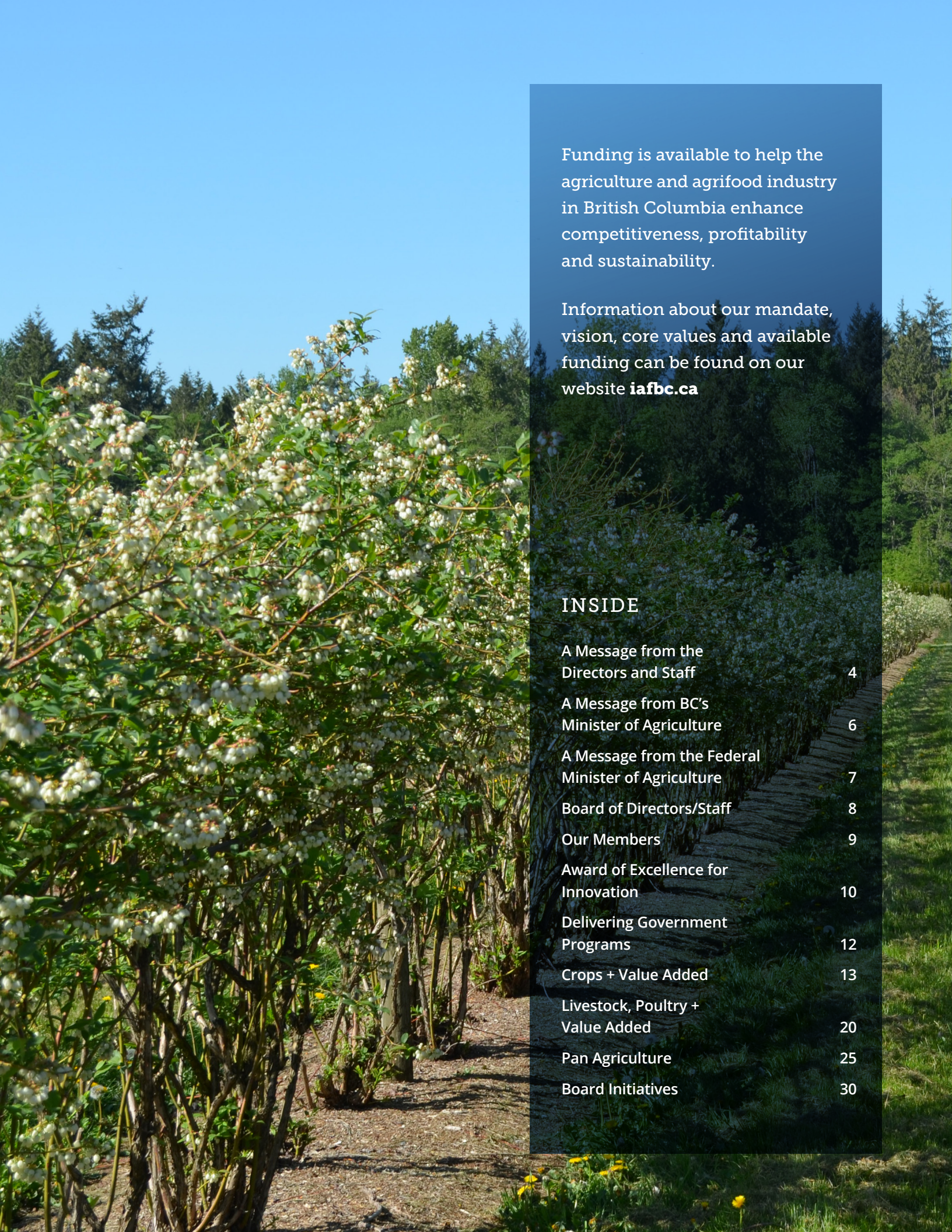
The Investment Agriculture Foundation of BC was established in 1996. We are an industry-led, not-for-profit organization.

Our Mission is to assist British Columbia's producers, processors, agri-businesses and rural communities to develop solutions and seize opportunities.



**Investment
Agriculture
Foundation**
of British Columbia





Funding is available to help the agriculture and agrifood industry in British Columbia enhance competitiveness, profitability and sustainability.

Information about our mandate, vision, core values and available funding can be found on our website **iafbc.ca**

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A MESSAGE FROM THE DIRECTORS AND STAFF

Dear Friends of the Foundation,

2018 marked a critical turning point for all of us at IAF, one we hope has laid the foundation for a new and improved path forward. During the past year we have faced many important decisions and embarked on many discussions that will significantly shape our future.

While we pride ourselves on our history of effective program delivery and will continue to deliver government programs that support research, innovation and market development, we have been challenged to resist complacency and to imagine how we might better fulfill our potential. And though we have accepted the challenge, we know transformation will not happen overnight nor will we achieve it alone. We are relying on our partners, members and industry stakeholders to guide our evolution and to help us achieve positive change in our sector.

Following our meetings with the BC Agriculture Council and the Agriculture Research and Development Corporation last May, we embarked on a strategic planning process which remains an ongoing priority for directors and staff alike. Our first and most important step was to enhance our relationships with our stakeholders through more focused engagement, outreach and communication. This of course began with our members and has led to ongoing dialogue about how we can work together more productively to better serve our industry.

It has become increasingly clear in our conversations that we must strive for greater consistency and transparency in both operational and strategic endeavors. We are committed to more open and frequent communication with our members and have pledged to be more receptive to their input.


In response to member feedback, we are reviewing our governance structure to ensure the role and composition of our Board reflects industry priorities. This includes reviewing our director selection process and potentially shifting the focus of our Board from a predominantly operational function to a strategic one. We are confident that by more effectively leveraging director expertise we can maximize their value to IAF, our funding partners and the industry at large.

We are also exploring options to streamline our application and reporting processes to simplify and enhance client experience and allow a broader base of applicants. We recently upgraded our IT platform and are developing a new database that will increase our efficiency in delivering programs and managing projects.

To ensure we remain attentive to industry needs, we plan to work with our stakeholders to proactively identify and respond to areas of strategic importance. As requested by our members, we are considering opportunities to collaboratively develop programs that will focus on critical issues for the entire sector.

We are all committed to a culture that fosters, supports and shares innovation, that focuses on collaboration over competition to build a stronger and more resilient industry.





We hope to report out to our stakeholders in further detail once we have completed our strategic planning.

Strategic planning is an ongoing process, but we have taken the first critical steps alongside our partners, understanding that we share a common vision – we are all committed to a culture that fosters, supports and shares innovation, that focuses on collaboration over competition to build a stronger and more resilient industry. We look forward to achieving this goal together.

Jack DeWit
Chair, Board of Directors

Michelle Koski
Executive Director

A MESSAGE FROM BC'S MINISTER OF AGRICULTURE

I am very happy to acknowledge the important contributions that the Investment Agriculture Foundation is making to the ongoing success of farmers, growers and producers in British Columbia.

The cutting-edge research and innovative projects that are found in this annual report show that together we are creating a more vibrant agricultural sector.

As one of the pillars of our provincial economy, agriculture – or to be more precise, the people working in agriculture – must constantly innovate and adapt to new challenges. As a not-for-profit organization responsible for administering federal and provincial funding, the hard work of the IAF plays an important role to keep this important sector competitive and strong.

I'm excited for the Ministry of Agriculture to continue to partner with the IAF to deliver successful initiatives such as Buy BC, Bee BC and innovation and marketing

programs through the Canadian Agricultural Partnership, so that British Columbia's farmers and producers will have the support that they need to continue providing local products to communities across BC.

I want to commend the IAF and its Board of Directors for their efforts in 2018. Your commitment to enhancing the competitiveness, profitability and sustainability of the BC agriculture sector is greatly appreciated.

Lana Popham
Minister of Agriculture



As a not-for-profit organization responsible for administering federal and provincial funding, the hard work of the IAF plays an important role to keep this important sector competitive and strong.

A MESSAGE FROM THE FEDERAL MINISTER OF AGRICULTURE AND AGRI-FOOD

On behalf of the Government of Canada, I would like to thank the Investment Agriculture Foundation of British Columbia for your dedication to BC's agriculture and food processing industry.

From honey wine and hard apple cider to kiwi fruit and candied wild salmon, you provide the support needed to help industry get exciting new BC products into the marketplace.

Thanks to your great work in partnership with the industry, the agriculture, food, and seafood sector is a major economic driver in BC, generating over \$4 billion in exports and \$3 billion in farm cash receipts each year. Those dollars translate into well-paying jobs and stronger economies in our communities.

While it is one thing to have a high-quality product, producers and innovators must be able to reach their local, national, and global customers. Your work goes a long way to helping industry promote their products at trade shows and online in order to make those critical sales.

As well, investments through the Investment Agriculture Foundation help the sector test the latest technologies, like aerial mapping of tree fruits, LED lighting for greenhouses, and programmable lasers to protect crops from bird damage. At the same time, farmers continue to look to the Investment Agriculture Foundation for funding to help them manage pests, and other risks, and

to adopt the latest sustainable growing practices. These are just some examples of the great projects you've contributed to throughout the year.

The Government of Canada is proud to partner with the BC Government and the Investment Agriculture Foundation to deliver cutting-edge programs. Under the Canadian Agricultural Partnership, BC farmers and food processors will continue to benefit from the BC Agrifood and Seafood Market Development Program and the Canada-BC Agri-Innovation Program.

At the federal level, we're working hard to open new markets for BC farmers and food processors through trade agreements in Asia, Europe, and North and South America, while investing in innovation to help farmers meet global demand for food sustainably. We will continue to work closely with the BC Government to keep agriculture strong in the province.

Once again, thank you for helping to keep the industry on the leading edge and pushing boundaries to grow the economy. I wish you all the best for 2019, and I look forward to hearing many more success stories in the months and years to come.

Hon. Lawrence MacAulay, PC, MP,
Minister of Agriculture and Agri-Food



The Government of Canada is proud to partner with the BC Government and the Investment Agriculture Foundation to deliver cutting-edge programs.

OUR BOARD OF DIRECTORS | 2018-2019

OUR BOARD IS RESPONSIBLE FOR GOVERNING THE AFFAIRS OF THE FOUNDATION, ADMINISTERING PROGRAMS ENTRUSTED TO IT, MAKING DECISIONS ON APPLICATIONS FOR FUNDING AND BRINGING A WEALTH OF EXPERIENCE FROM A DIVERSITY OF AGRICULTURE AND AGRI-FOOD SECTORS ACROSS BC.

Jack DeWit

Chair
Represents: Other Livestock
Region: Fraser Valley

Arzeena Hamir

Vice Chair
Represents: Emerging Sectors
Region: Vancouver Island

Kiren Sihota

Represents: Field Vegetables, Berries & Mushrooms
Region: Lower Mainland

Len Bouwman

Represents: Dairy
Region: Fraser Valley

Alistair Johnston

Represents: Post-Farm Gate
Region: Fraser Valley

Kalpna Solanki

Represents: Post-Farm Gate
Region: Lower Mainland

Walter Fritsche

Represents: Grains, Oilseeds & Forage
Region: Peace River

Dennis Lapierre

Represents: Community Agriculture
Region: Okanagan/Shuswap

Dave Zehnder

Represents: Cattle
Region: Kootenays

Glenda Gesy

Represents: Pre-Farm Gate
Region: Thompson/Okanagan

Don Low

Secretary
Represents: Tree Fruits & Grapes
Region: Kootenays

Arif Lalani

BC Ministry of Agriculture Liaison

Angela Groothof

Represents: Poultry
Region: Fraser Valley

Bert Miles

Treasurer
Represents: Greenhouse, Floriculture & Nursery
Region: North Okanagan

Natalie Janssens

Agriculture and Agri-Food Canada Liaison

OUR STAFF | 2018-2019

Michelle Koski

Executive Director

Robyn Broekhuizen

Buy BC Licensing & Program Coordinator

Communications Team

Kelsi Stiles

Manager of Communications & Stakeholder Engagement
On Leave

Program Delivery Team

Coreen Rodger Berrisford

Director of Client Relations

Clayton Botkin

Program Manager

Finance & Administration Team

Christopher Reed

Director of Strategy & Performance

Abbie Morris

Manager of Communications & Stakeholder Engagement

Jaclyn Laic

Program Manager
On Leave

Daina Rozitis

Director of Finance & Human Resources

Sarah Rostami

Senior Communications Officer

Jennifer Curtis

Program Manager

Judi Peacock

Executive Assistant & Secretary to the Board

Alana Wilson

Senior Program Manager
On Leave

Jennifer Poulsen

Accounting & Contracts Clerk

OUR MEMBERS

THE WORK WE DO TO ADVANCE BC AGRICULTURE WOULD NOT BE POSSIBLE WITHOUT THE DEDICATION AND EXPERTISE OF OUR MEMBERSHIP. COMPRISED OF NINE INDUSTRY ASSOCIATIONS, OUR MEMBERS ARE RESPONSIBLE FOR THE FOUNDATION'S HIGHEST LEVEL OF OPERATIONS, INCLUDING THE NOMINATION OF OUR BOARD OF DIRECTORS, THE APPOINTMENT OF AUDITORS, AND THE APPROVAL OF OUR ANNUAL REPORTS AND FINANCIAL STATEMENTS.

BC Cattlemen's Association

Mission: To maintain a healthy cattle industry that provides quality beef products to consumers and is guided by strong volunteer membership, environmental stewardship, respect for stakeholders and excellent business practices.

BC Fruit Growers Association

Mission: To represent BC fruit growers' interests through activities which include lobbying governments for positive change to risk management programs and providing services and products to growers.

BC Grain Producers Association

Mission: To improve the viability of the grains and oilseed industry in the BC Peace River Region and encourage all farmers to participate within their industry so that their voices may be heard.

BC Greenhouse Growers Association

Mission: To deliver services and research programs to our members to help keep them globally competitive and to keep a vibrant and sustainable greenhouse vegetable sector in BC, while providing high-quality and safe greenhouse vegetables to consumers.

BC Landscape & Nursery Association

Mission: To promote the global recognition of British Columbia as a leader in landscape horticulture and provide an effective organization for meeting the needs of nursery growers, landscape professionals and garden centers.

BC Dairy Association

Mission: To ensure dairy farming delivers a positive impact on our community and to preserve a sustainable, valuable and ethical industry in British Columbia.

BC Pork Producers Association

Mission: BC pork... high quality, specialty pork products, proudly grown close to home.

BC Poultry Association

Mission: To lead the regulated BC poultry associations on common issues that strengthen and improve the well-being of regulated poultry farmers.

Horse Council of BC

Mission: To collaborate with business, industry and government on behalf of equine welfare, sports, recreation and the individual rider/driver.

AWARD OF EXCELLENCE FOR INNOVATION

Congratulations to Philip Vanderpol, winner of the 2018 Award of Excellence for Innovation in Agriculture and Agri-Food!

The president and CEO of Vitalus Nutrition was honoured for developing the technology to produce a prebiotic from a milk by-product that will help food processors develop new products for digestive health.

The award celebrates BC's agriculture and agri-food leaders who have implemented specific projects or initiatives leading to economic, environmental or social benefits to British Columbia and the industry in general, or to a specific sector.

The Award Selection Committee also recognized two honourable mentions – Dr. Victor Lo from the University of British Columbia, for his pioneering efforts to enhance the environmental stewardship of BC dairy farms through the development of a more sustainable manure and nutrient management process; and Silvio Lettrari, owner of Kaslo Sourdough, for introducing the world's first sourdough pasta to help address the needs of a growing number of consumers with gluten sensitivities and other dietary concerns.



(From left) IAF director Alistair Johnston and Philip Vanderpol at the IAF Project Showcase in Abbotsford, April 12, 2018

ADVANCING BC AGRICULTURE THROUGH MULTIPLE FUNDING PROGRAMS

WE'RE PROUD TO DELIVER A VARIETY OF GOVERNMENT PROGRAMS DESIGNED TO ASSIST THE AGRICULTURE AND FOOD PROCESSING INDUSTRIES IN BC. THANKS TO THE CONSIDERABLE INVESTMENTS FROM THE FEDERAL AND PROVINCIAL GOVERNMENTS, WE HAVE BEEN ABLE TO ADVANCE INNOVATION AND ACCELERATE GROWTH FOR FARM, FOOD AND PROCESSING BUSINESSES ACROSS THE PROVINCE.

197 Projects Approved

Total of \$6.6+ Million in funding approved

2018 APPROVED PROJECT SUMMARY



34 Fruit/Vegetable (including Tree Fruit, Berries, Grapes & Field Vegetables)



7 Poultry



3 Cattle



1 Pork



18 Other Livestock



26 Apiculture



10 Dairy



9 Grains



26 Beverage Processing



8 Greenhouse/Floriculture /Nursery



55 Other

DELIVERING GOVERNMENT OF CANADA & BC PROGRAMS

DELIVERING GOVERNMENT OF BC PROGRAMS

Buy BC Partnership Program

In June 2018 the Province announced \$6 million over three years to help BC's agriculture, food and seafood sectors enhance local marketing efforts to increase sales of BC agrifoods.

Bee BC Program

In May 2018 the Province announced \$100,000 in funding over two years to enhance bee health throughout BC. (An additional \$50,000 was committed in Oct 2018)

Tree Fruit Competitiveness Program

In February 2018 the Province announced \$5 million in funding over four years to help BC tree fruit growers update aging equipment and infrastructure while increasing their marketing and research efforts.

DELIVERING CANADIAN AGRICULTURAL PARTNERSHIP PROGRAMS

Canada-BC Agri-Innovation Program

The Governments of Canada and BC announced \$14 million in May 2018 for this five-year program to support industry, academia, retailers and others in research and pilot projects that lead to the commercialization and/or adoption of innovative products, technologies and practices.

BC Agrifood & Seafood Market Development Program

The Governments of Canada and BC announced \$5 million in September 2018 for this five-year program to help BC agrifood and seafood producers, processors and associations pursue market opportunities to increase sales across interprovincial (Canada) and international markets.

DELIVERING OTHER PROGRAMS

Agri-Food Environment

Helps the agriculture and food processing industry address environmental concerns while maintaining economic viability.

Food & Beverage Processing

Provides funding to assist with the development of the food, beverage and nutraceutical processing industry.

Agricultural Area Planning

Supports projects that enable the development of agricultural area plans within British Columbia municipalities and regional districts.

Agri-Food Futures Fund

Offers funding to both established and emerging agricultural and food processing sectors to pursue opportunities and develop solutions.



CROPS & VALUE ADDED

Whether organic or conventional, fresh or processed, IAF delivers funding designed to help both established and emerging horticultural sectors thrive. Every year project support assists a variety of sectors to address priority issues, from research into enhanced pest management and sustainable growing practices to technology adaptation and market development.

We were also pleased to partner with the BC Fruit Growers' Association last year to deliver the BC Government's Tree Fruit Competitiveness Program. The \$5 million provincial investment will facilitate marketing, infrastructure and research to support a competitive tree fruit sector in BC.

In 2018, over 80 crop-related projects were approved for more than \$3.2 million.



TKS RUBBER BOUNCES BACK

2018

VITAL TO ALL ECONOMIES AND INFINITELY USEFUL, NATURAL RUBBER BOASTS A BACK-STORY FAR MORE COMPELLING THAN ITS PRAGMATIC NATURE SUGGESTS. DISCOVERED IN THE 1930S IN CENTRAL ASIA, *TARAXACUM KOK-SAGHYZ* (TKS) BECAME AN IMPORTANT INDUSTRIAL RUBBER-PRODUCING PLANT, ALSO KNOWN AS "RUSSIAN DANDELION."

When cost-effective rubber supplies from Southeast Asia were cut off by the Japanese invasion during World War II, Canadian production of TKS proved indispensable for meeting both medical and military needs during the critical embargo.

While TKS fell into disuse when *Hevea* rubber became available again after the war, an interest in reviving local production has resurfaced in recent years, fueled by rising rubber costs and latex allergies. One company in Surrey saw an unparalleled opportunity for British Columbia farmers.

After researching the growing conditions and market demand for natural rubber, Nova-BioRubber Green Technologies undertook a series of trials for producing and processing TKS at a commercial scale on several BC farms, in both greenhouses and raised beds.

"TKS offers the potential for a new summer and winter cash crop for BC farms, particularly those that are underutilized and unprofitable," explains Nova-BioRubber founder Dr. Anvar Buranov, adding that thousands of new jobs in both

primary production and processing are anticipated as a result.

After completing a three-year project funded by the Canada-BC Agri-Innovation Program, Dr. Buranov and his team have successfully demonstrated that TKS can be

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grown annually in BC, with crop values of up to \$16,000 per hectare!

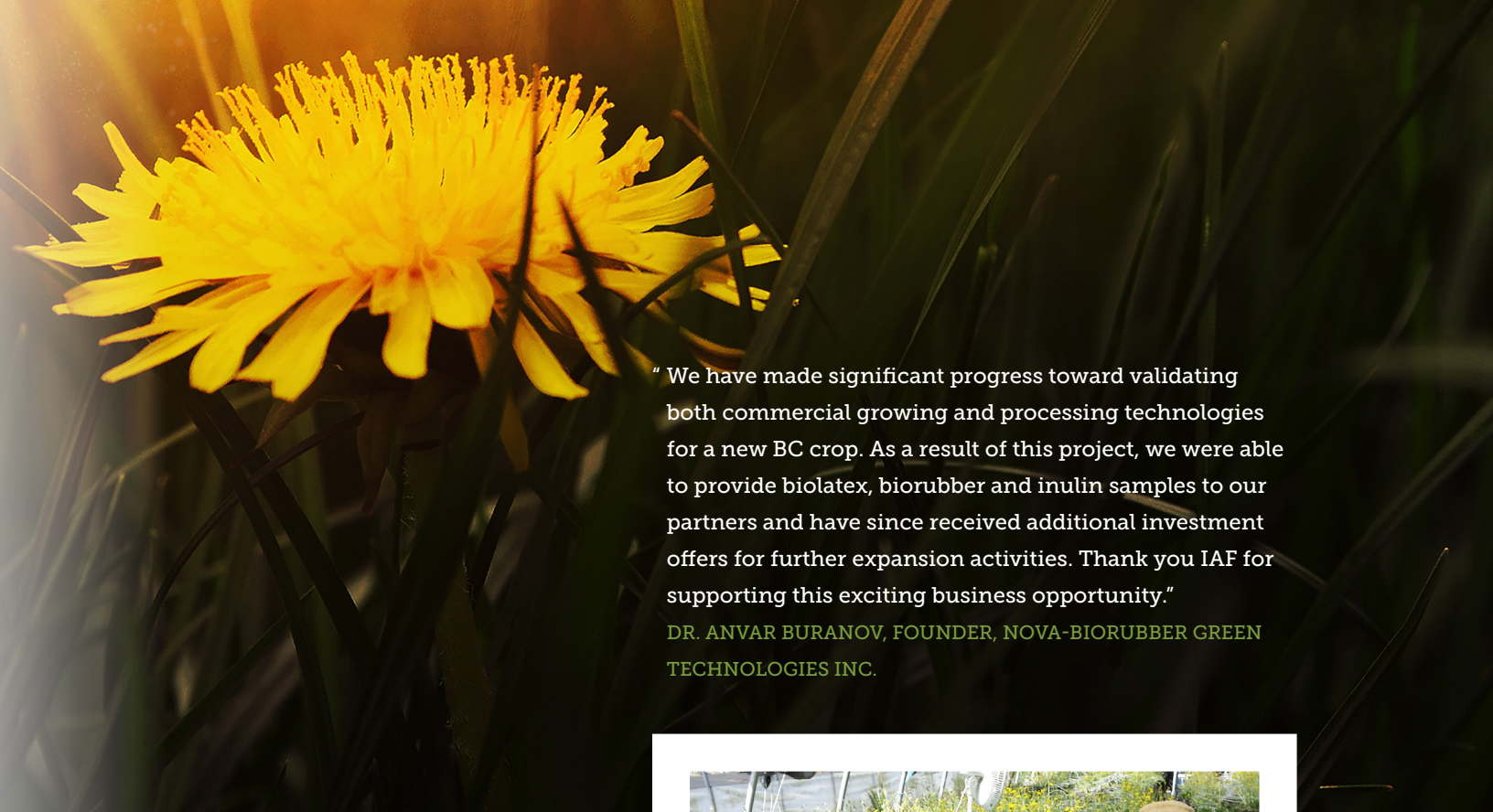
"Agricultural practices can also be completely mechanized to decrease growing costs," promises Dr. Buranov, estimating about \$100 per acre.

With their new green processing facility, Nova-BioRubber can accommodate an annual production of 100 tons of rubber and 100 tons of inulin, the main TKS by-product that offers a valuable dietary fiber to the food processing and pharmaceutical industries.

And with the price of rubber continuously increasing over the past 20 years, many industries have displayed a heightened interest in alternative sources of natural rubber. While scientists have studied alternatives like Guayule, its product has never reached the market due to its low rubber content, difficult extraction process and three-year growth cycle.

TKS by contrast, offers a steady supply with reliably high rubber and inulin contents (24 and 40 percent respectively), and only takes four months to grow in BC's climate. Thanks to the harvesting and processing technologies developed by Nova Bio-Rubber, the extraction process is green, simple and affordable.

"Compared to previous methods, our technology offers close to a 50 percent reduction in energy consumption, 80 percent reduction in labour, 90 percent reduction in greenhouse gas emissions, 90 percent reduction in water consumption and 100 percent reduction in toxic chemical consumption," reports Dr. Buranov, noting that processing



" We have made significant progress toward validating both commercial growing and processing technologies for a new BC crop. As a result of this project, we were able to provide biolatex, biorubber and inulin samples to our partners and have since received additional investment offers for further expansion activities. Thank you IAF for supporting this exciting business opportunity."

DR. ANVAR BURANOV, FOUNDER, NOVA-BIORUBBER GREEN TECHNOLOGIES INC.

time is also 600 percent faster and costs approximately \$1 per kilogram of rubber, lower than any known technology.

A TKS production guide is now available to growers in the Lower Mainland and Northwest Coast, featuring climate-specific best practices.

With roughly three million hectares of marginal lands available in BC, Dr. Buranov is confident farmers can meet the growing demand for natural rubber without compromising local food production.

"This may even provide a new industry in rural areas of BC," he adds hopefully.

FUNDING: \$295,000 PROVIDED BY THE GOVERNMENTS OF CANADA AND BRITISH COLUMBIA THROUGH *GROWING FORWARD 2*, A FORMER FEDERAL-PROVINCIAL-TERRITORIAL INITIATIVE. (INN239)



SECTOR: FIELD VEGETABLES

FILE NO.	PROJECT TITLE	PROJECT LEAD	IAF'S SHARE	FUNDING PROGRAM *
A0866 SP	Late Blight Spore Sampling and Forecasting	E.S. Cropconsult Ltd.	4,925.00	SNF
A0868 SP	Assessment of UAV as an Overall Tool for Early Detection and Monitoring of Pests in Potatoes	E.S. Cropconsult Ltd.	4,583.00	SNF
AF021-030	BC Vegetable Plant Breeding Project for Organic Seed Sector Development	Farm Folk City Folk	138,287.00	AFFF
BBC045	Encourage British Columbians to Buy BC Vegetables in 2018/19	BC Fresh Vegetables Inc. (dba BCFresh)	45,000.00	BBC
BBC092	Urban Food Zine Promoting the Local Seasonal Food Economy	10 Acres Bistro Farm & Market	29,652.22	BBC
INV047	Detection of Norovirus in Seafoods and Fresh Produce in BC	University of British Columbia	90,000.00	INV
INV051	Automation of Witloof Growing Process	Van Eekelen Enterprises Ltd.	136,500.00	INV
MD040	<i>Legal agreement for project pending</i>		10,699.00	MD
MD044	Promoting New BC Seed Potato Varieties	BC Certified Seed Potato Growers Association	6,790.00	MD

SECTOR: TREE FRUITS, BERRIES & GRAPES

FILE NO.	PROJECT TITLE	PROJECT LEAD	IAF'S SHARE	FUNDING PROGRAM *
A0863	Ripeness and Quality Optimization in BC Wine Grape Production	Wine Islands Growers Association	82,500.00	SNF
A0864	Evaluating Varietal Performance at the BC Cranberry Research Farm	BC Cranberry Marketing Commission	16,937.50	SNF
A0867 SP	Evaluating the Potential for Mass Trapping of Spotted Wing Drosophila in the Fraser Valley	E.S. Cropconsult Ltd.	4,810.00	SNF
A0869 SP	Assessment of New Pest Management Tools that Address Priority Needs of the BC Cranberry Industry	BC Cranberry Marketing Commission	7,893.00	SNF
A0870 AE	Brown Marmorated Stink Bug (Halyomorpha halys) Monitoring and Search for Biological Control Agents in Interior BC	BC Tree Fruits Cooperative	53,568.75	SNF
A0872 SP	BC Tree Fruits Cooperative Strategic Planning	BC Tree Fruits Cooperative	5,000.00	SNF
A0875 SP	BC Cranberry Canopy Management Trials	BC Cranberry Marketing Commission	5,000.00	SNF
BBC078	Winter Awareness Campaign	BC Tree Fruits Cooperative	25,228.08	BBC
INV040 AE	Precision Viticulture Fertilizer Technology	Geotronics Consulting Inc.	57,000.00	INV
INV052	Developing the BC Perfect Eating Stage Preconditioned Pear	Consolidated Fruit Packers Ltd.	131,450.00	INV
MD013	<i>Legal agreement for project pending</i>		33,308.50	MD
MD014	<i>Legal agreement for project pending</i>		20,000.00	MD
MD019	<i>Legal agreement for project pending</i>		50,000.00	MD
RA FV07	State of Practices and Technologies Assessment for Managing Extreme Heat Impacts	BC Blueberry Council	33,000.00	CCAP

SECTOR: GREENHOUSE, FLORICULTURE & NURSERY

FILE NO.	PROJECT TITLE	PROJECT LEAD	IAF'S SHARE	FUNDING PROGRAM *
A0873	Training the Trainers and Raising the Next Generation	BC Forage Council	22,489.00	SNF
A0876 SP	Awareness and Education Strategy for Japanese Beetle to Assist with Eradication of this Regulated Pest Localized in Downtown Vancouver	BC Landscape & Nursery Association	8,395.00	SNF
A0877 SP	Responding to the Japanese Beetle	Invasive Species Council of BC	9,860.00	SNF
A0879 SP	Economic Impact Study of the Japanese Beetle on the Ag-Hort Sector	BC Landscape & Nursery Association	9,065.00	SNF
AF021-023	Growth, Bloom and Fruit Evaluations of University of Saskatchewan Advanced Haskap (<i>Lonicera caerulea</i>) Selections in BC	FloraMaxx Technologies	85,000.00	AFFF
INV005	Development of Autonomous Nursery Robotic System	Advanced Intelligent Systems Inc.	159,200.00	INV
MD025	<i>Legal agreement for project pending</i>		50,000.00	MD
MD035	<i>Legal agreement for project pending</i>		29,635.49	MD

SECTOR: GRAINS

FILE NO.	PROJECT TITLE	PROJECT LEAD	IAF'S SHARE	FUNDING PROGRAM *
INV004	<i>Legal agreement for project pending</i>		24,770.62	INV
RA PC08	Best Practices for On-Farm Management of Runoff, Drainage and Erosion	BC Grain Producers Association	44,000.00	CCAP

OTHER APPROVED PROJECTS

FILE NO.	PROJECT TITLE	PROJECT LEAD	IAF'S SHARE	FUNDING PROGRAM *
INV001	Containerized Closed Loop Low Temperature Dryer - Completion	Rich Naturals Inc.	74,250.00	INV
INV002	High Yields from Annual Rubber Bearing Plant <i>Taraxacum kok-saghyz</i> (TKS)	Nova-BioRubber Green Technologies	53,000.00	INV
INV035 SP	Fractal Impulse Sound Technology to Repel Birds and Animals	FCOM Services Co. Ltd.	10,000.00	INV
INV041	Organic Pest Control, Germ Reduction and Drying System Commercialization	West Coast Wild Foods	67,345.21	INV
INV043	Automated Diagnostic Tools for Sparc Treatment	TechMist Spray Solutions Inc.	169,209.50	INV

SECTOR: FRUIT/VEGETABLE

FILE NO.	PROJECT TITLE	PROJECT LEAD	IAF'S SHARE	FUNDING PROGRAM *
BBC016	Product Line Extension Marketing Support Project	Naturally Home Grown Foods	34,063.75	BBC
BBC038	Promote Buy BC Campaign	Big Mountain Foods	45,000.00	BBC
BBC046	Increase Awareness of BC Made Brands!	Everland Natural Foods Inc.	42,000.00	BBC
BBC085	Buy BC	HapiFoods Group Inc.	22,387.50	BBC
INV027	Innovatively Processing Formerly Wasted Fruit Pomace Creating Quality Food Ingredients.	Joppa Wills Inc.	40,687.50	INV
MD001	<i>Legal agreement for project pending</i>		11,933.33	MD
MD005	Business Beyond BC	Jiva Organics	21,150.00	MD
MD023	<i>Legal agreement for project pending</i>		49,937.46	MD
MD030	<i>Legal agreement for project pending</i>		50,000.00	MD
MD031	<i>Legal agreement for project pending</i>		50,000.00	MD
MD041	<i>Legal agreement for project pending</i>		22,229.00	MD

SECTOR: GRAINS

FILE NO.	PROJECT TITLE	PROJECT LEAD	IAF'S SHARE	FUNDING PROGRAM *
BBC007	Singing Bowl Granola Brand Awareness Project	Singing Bowl Granola Inc.	5,166.02	BBC
BBC027	BC Grain Farmers Matter Too	True Grain Bread Ltd.	45,000.00	BBC
BBC036	Anita's Bake Club: To Enhance Consumer Engagement Through Innovative Content	Anita's Organic Grain & Flour Mill Ltd.	44,268.00	BBC
INV015	Rye-Covered: Cowichan's Bread Beer Innovation	Cowichan Green Community Society	26,343.00	INV
MD015	<i>Legal agreement for project pending</i>		7,250.00	MD
MD016	Millstream Flour Mills New Product Launch of Hero Atta	Millstream Flour Mills	50,000.00	MD
MD021	<i>Legal agreement for project pending</i>		49,422.00	MD

SECTOR: NUTRACEUTICALS

FILE NO.	PROJECT TITLE	PROJECT LEAD	IAF'S SHARE	FUNDING PROGRAM *
BBC037	Organika Mass Market Marketing	Organika Health Products Inc.	45,000.00	BBC
BBC088	Market Expansion of SierraSil Products under Buy BC Partnership Program	SierraSil Health Inc.	45,000.00	BBC

SECTOR: BEVERAGE PROCESSING

FILE NO.	PROJECT TITLE	PROJECT LEAD	IAF'S SHARE	FUNDING PROGRAM *
BBC003	Increase Sales to Stores in BC by Creating a Bond with Customers	JusTea Beverages Inc.	23,099.40	BBC
BBC004	Howling Moon Brings Craft Cider to the Vancouver Christmas Market	Okanagan Epicurean Enterprises Inc. (dba Howling Moon Craft Cider)	8,403.48	BBC
BBC008	Helping BC Wines in our Local Markets	Howling Bluff Estate Winery	22,437.50	BBC
BBC023	Cultured Kombucha - Product Awareness and Bottle Return Program Campaign	Cultured Brewing Inc.	28,573.80	BBC
BBC034	Expanding our Market - Using the Christmas Buying Season	House of Rose Vineyards Ltd.	7,105.00	BBC
BBC050	Brand Awareness and Multi-Channel Advertising Program	Quails' Gate Estate Vineyards Ltd.	45,000.00	BBC
BBC052	BNA Marketing/Promoting Buy BC	BNA Eatery & Brewery LP	12,882.43	BBC
BBC058	Bordertown Wines, Grown Here, Made Here in Osoyoos - Taste the Place	Bordertown Vineyards	19,701.92	BBC
BBC060	Steamworks – BC Beer for BC Consumers	Gastown Brewing Co. Ltd. (dba Steamworks Brewing Co.)	45,000.00	BBC
BBC061	Wize Monkey: 2018-2019 BC Marketing Activation	Wize Monkey	4,969.57	BBC
BBC064	SunRype 100% Pure NFC Apple Juice Support	Sun-Rype Products Ltd.	45,000.00	BBC
BBC070	Celebrate Local	British Columbia Wine Institute Society	74,900.00	BBC
BBC072	Marketing and Branding Awareness for Squeezed Winery and Distillery	Squeezed Winery	5,000.00	BBC
BBC076	La Frenz 20 Year Anniversary BuyBC Project	La Frenz Estate Winery Ltd.	45,000.00	BBC
BBC081	A Taste for Something New - Discover the Kamloops Wine Trail	Kamloops Wineries Association	31,850.00	BBC
BBC091	<i>Legal agreement for project pending</i>		32,780.05	BBC
BBC095	Field House Brewing Co. and BuyBC Project: Market Expansion in BC	Field House Brewing Co.	15,169.93	BBC
BBC100	Capturing True Spirit of BC Wines -- Poplar Grove Winery	Poplar Grove Winery Inc.	45,000.00	BBC
INV006	Whole Genome Sequencing of Okanagan Wine Yeast Strains	University of British Columbia	30,654.87	INV
INV016	Wet-Grinding or "Milking" Nuts/Plants for Product Innovation	Earth's Own Food Company Inc.	12,614.00	INV
INV026	Producing World Class Wine Using Less Expensive but Modern Technology	Howling Bluff Estate Winery	47,871.00	INV
INV045	Telemetry and Automation for Craft-Scale Food and Beverage Producers	Craft Metrics Inc.	15,000.00	INV
MD009	<i>Legal agreement for project pending</i>		47,091.20	MD
MD032	<i>Legal agreement for project pending</i>		42,773.52	MD
MD042	<i>Legal agreement for project pending</i>		50,000.00	MD
MD064	<i>Legal agreement for project pending</i>		21,272.50	MD

* See Funding Program legend on p.26



LIVESTOCK, POULTRY + VALUE ADDED

Communities in BC and beyond rely on our farmers and ranchers for safe, quality products they can trust. Part of keeping these sectors thriving is the support of initiatives designed to help producers proactively deal with challenges.

The Bee BC Program was introduced in 2018 with funding through the BC Government. The program is designed to enhance bee health throughout the province and focuses on all aspects of building awareness and providing support for a wide range of small projects. More than 20 projects were approved in 2018 for over \$95,000.

The provincial Livestock Waste Tissue Initiative fund is available to assist the livestock industry and local communities to prepare for the disposal of specified risk material (SRM) and other abattoir waste in the event of a future mass carcass disposal event. In 2018, two new projects were approved including one for the Central Kootenay Regional District to develop a strategy to deal with ongoing and emergency situations requiring disposal of SRM in their region.

IAF also offers a variety of other funding programs that benefit these sectors more broadly. In total, over 60 projects were approved for funding for more than \$1.8 million in 2018.

HOOF HEALTH PILOT PAVES WAY FOR ANIMAL WELFARE

AS ANY DAIRY FARMER KNOWS, LAMENESS IS THE MOST ECONOMICALLY SIGNIFICANT HERD HEALTH AND ANIMAL WELFARE ISSUE FACING PRODUCERS. WHAT IS OFTEN LESS OBVIOUS IS THAT HOOF LESIONS ARE THE CULPRIT BEHIND OVER 95 PERCENT OF LAMENESS CASES.

According to Trevor Hargreaves, Director of Producer Relations and Communications with the BC Dairy Association (BCDA), the lack of industry awareness has long contributed to this persistent problem.

"Lameness is commonly underestimated on dairy farms," he explains. "A recent study on Alberta dairy herds revealed that while farmers estimate an eight percent proportion of lameness, the actual rate was confirmed to be closer to 20 percent."

After a similar assessment on 75 BC dairies revealed the majority were substantially affected by lameness, the BCDA decided to introduce the industry to the 'Dutch 5-Step Method of Hoof Trimming,' an internationally recognized technique that requires specialized training and on-going support.

For Trevor and other stakeholders, the pilot was critical to filling the gap of in-depth courses available in BC.

"Despite many years of practical experience, BC's professional hoof trimmers do not have a certification program in place to ensure a high level of consistency in the way they trim hooves," says Trevor, citing the wide variations in technical knowledge and expertise in hoof lesion identification, trimming techniques and competence levels even amongst professional trimmers.

Thanks to federal and provincial funding, the BCDA was able to offer a series of hoof trimming clinics led by the Western Canadian Certified Hoof Trimmers Association to almost 70 dairy producers and farm employees throughout BC.

In addition to learning to correctly identify infectious and non-infectious claw lesions and risk factors, participants like Bruce Froese received hands-on training to trim and balance a cadaver foot as well as instruction on trimming tools and restraint systems available to safely trim feet.

As a result, Bruce was able to obtain his Certification for Hoof Trimming Proficiency, recognized worldwide, and now offers a new level of assurance to his customers at Greenleaf Hoof Care in Chilliwack.

"Improving the health, recovery and longevity of the herd very quickly covers the relatively minor costs of training and equipment investment on farm," promises Bruce.

Course reviews from other participants were similarly positive, affirming greater confidence with both the theoretical and technical knowledge required to detect, treat and prevent lameness.

As industry adoption of the Dutch method grows and cases of hoof lesions and lameness begin to decline, Trevor expects the benefits to herd health and profitability will help shift the entire industry closer to its long-term goals.

"This is the first step in moving BC hoof trimmers towards a standardized system and elevating the competency level of trimmers province-wide," he asserts, noting that animal welfare is one of six management pillars of the Dairy Farmers of Canada's new proAction Initiative.

"Thanks to the courses offered through this project, I was able to obtain my Certification for Hoof Trimming Proficiency and now offer a new level of assurance to my customers. Improving the health, recovery and longevity of the herd very quickly covers the relatively minor costs of training and equipment investment on farm." **BRUCE FROESE, OWNER & OPERATOR, GREENLEAF HOOF CARE.**

FUNDING: \$7,273 PROVIDED THROUGH THE FORMER FEDERAL-PROVINCIAL SAFETY NET FUND. (A0838)

SECTOR: APICULTURE

FILE NO.	PROJECT TITLE	PROJECT LEAD	IAF'S SHARE	FUNDING PROGRAM *
AF014-A154	Protecting the British Columbian Honey Industry from Adulterated Honey and Guaranteeing Authenticity to Consumers	Worker Bee Honey Company Ltd.	87,500.00	AFFF
AF021-036 AE SP	<i>Legal agreement for project pending</i>		10,000.00	AFFF
BEE001	Blenkinsop Meadow Restoration	Pollinator Partnership Canada	5,000.00	BEE
BEE002	Ethical Bees Victoria	Brad Cook (Representing Victoria & CRD)	3,000.00	BEE
BEE003	Ethical Bees Comox	Heidi Schnepf (Representing Comox Valley)	3,000.00	BEE
BEE004	Ethical Bees Nanaimo	Mark Schilling (Representing Nanaimo)	3,000.00	BEE
BEE005	Ethical Bees Cowichan	Curtis Robinson (Representing Cowichan & Duncan)	3,000.00	BEE
BEE006	Ethical Bees Vancouver Island	Iain Glass (Representing Islands)	3,000.00	BEE
BEE009	Nectarscapes: Native Willow Strips Supporting Bee Forage on Urban Farms	Environmental Youth Alliance	5,000.00	BEE
BEE010	In-Hive Humidity Management with Absorbent "Pillow Boxes"	Campbell's Gold Honey Farm & Meadery	5,000.00	BEE
BEE011	Evaluating Treatment Options for Bee Dysentery Caused by Nosema ssp	Campbell's Gold Honey Farm & Meadery	5,000.00	BEE
BEE012	Protecting Honey Bees from Yellowjacket Wasp Predation and Potential Disease	Campbell's Gold Honey Farm & Meadery	5,000.00	BEE
BEE015	Bee Education/Planting Project	Morgan Creek Farm	4,665.00	BEE
BEE016	Compare Queen Performance	Roselyne Lambert	1,180.00	BEE
BEE017	Bee Awareness School Education Project	Bee Awareness Society	5,000.00	BEE
BEE020	<i>Legal agreement for project pending</i>		3,313.00	BEE
BEE023	Pollinator Conversation Project	The Honest to Goodness Farm Co.	5,000.00	BEE
BEE024	Honey Bee Colony Health Local Pollen and Protein Supplements	Heartford Honey	5,000.00	BEE
BEE025	<i>Legal agreement for project pending</i>		4,100.00	BEE
BEE028	Clearwater 2019 Pollinator Project	Yellowhead Community Services	5,000.00	BEE
BEE031	<i>Legal agreement for project pending</i>		5,000.00	BEE
BEE035	<i>Legal agreement for project pending</i>		5,000.00	BEE
BEE036	Cariboo Chilcotin Queen Bee Collective	Central Cariboo Beekeepers Association	5,000.00	BEE
BEE038	<i>Legal agreement for project pending</i>		3,350.00	BEE
BEE044	<i>Legal agreement for project pending</i>		4,500.00	BEE

SECTOR: CATTLE

FILE NO.	PROJECT TITLE	PROJECT LEAD	IAF'S SHARE	FUNDING PROGRAM *
A0884 SP	Coffee Shop Talks - Webinar Series	BC Cattlemen's Association	4,200.00	SNF
AF021-028 AE	Grassland Fertilization, Treatment and Monitoring	Pine Butte Ranch Ltd.	17,500.00	AFFF
RA CB11	Livestock Surface Water and Forage Risk Assessment Tool Extension and Engagement	Cariboo Cattlemen's Association	37,897.00	CCAP

SECTOR: POULTRY

FILE NO.	PROJECT TITLE	PROJECT LEAD	IAF'S SHARE	FUNDING PROGRAM *
BBC032	Cook Poultry Like a Pro	Twin Maple Produce Ltd. (dba Fraser Valley Specialty Poultry)	45,000.00	BBC
BBC080	BC Chicken Buy BC Promotion	BC Chicken Marketing Board	75,000.00	BBC
INV007	Optimization of Vaccination Treatment to Eliminate Salmonella and Caryllobacter Contamination of Poultry	University of British Columbia	90,000.00	INV
INV033	Alternative to Antibiotics Against Necrotic Enteritis in Poultry	Novobind Livestock Therapeutics Inc.	68,291.00	INV
MD006	<i>Legal agreement for project pending</i>		38,710.00	MD

SECTOR: DAIRY

FILE NO.	PROJECT TITLE	PROJECT LEAD	IAF'S SHARE	FUNDING PROGRAM *
A0882 SP	Developing and Modifying Standard Operating Procedures to Benefit Dairy Farms	University of British Columbia	6,930.00	SNF
INV019 AE	Radio Frequency Oxidation Process for Nutrient Release from Dairy Manure	University of British Columbia	75,000.00	INV
INV029 AE	Prototyping a Centrifuge to Support BC Dairies	Valid Manufacturing Ltd.	204,000.00	INV

SECTOR: OTHER LIVESTOCK

FILE NO.	PROJECT TITLE	PROJECT LEAD	IAF'S SHARE	FUNDING PROGRAM *
A0883 SP	Nutritional Strategies to Prevent Pregnancy Toxemia (ketosis) in Highly Prolific Ewes	BC Purebred Sheep Breeders Association	2,100.00	SNF
BBC039	Creating a Market Presence and Competitive Position for Wild Pacific Halibut in BC	Pacific Halibut Management Association of BC	49,624.75	BBC
BBC041	Go Wild BC Salmon -- Fall Retail Support	BC Salmon Marketing Council	20,941.48	BBC
BBC090	BC Seafood Industry and Festival Domestic Media Development and Hosting Program	BC Salmon Farmers Association	75,000.00	BBC
BBC094	Know Your Fisherman	Skipper Otto's Community Supported Fishery, Ltd.	45,000.00	BBC
BBC102	Improve Awareness of BC Oysters and Increase Direct Sales	Effingham Oysters Inc.	7,600.00	BBC
INV046	Pilot Scale Testing of the Production of Amino Acid Chelated Minerals	Microchembiotech Ltd.	70,000.00	INV
LWT1105	Management of Specified Risk Material in Creston	Regional District of Central Kootenay	20,000.00	LWTI
LWT1106	FADES - Updating the BC Foreign Animal Disease Emergency Support (FADES) Plan	1119510 B.C. Ltd.	60,000.00	LWTI
MD007	<i>Legal agreement for project pending</i>		33,103.00	MD

SECTOR: DAIRY

FILE NO.	PROJECT TITLE	PROJECT LEAD	IAF'S SHARE	FUNDING PROGRAM *
AF014-A155	Assessment of the Use of High Pressure Processing in the Production of Various Food Commodities on Vancouver Island	Canadian Cultured Dairy Inc. (dba Tree Island Gourmet Yogurt)	22,408.00	AFFF
BBC026	Brand Positioning of Vitala Products in the BC Market	Vitala Foods	8,100.00	BBC
BBC035	Natural Pastures' Brand Refresh and Social Media Development	Natural Pastures Cheese Company	45,000.00	BBC
BBC083	Avalon Buy BC	Avalon Dairy	45,000.00	BBC
MD011	<i>Legal agreement for project pending</i>		13,000.00	MD
MD024	<i>Legal agreement for project pending</i>		30,835.76	MD
MD046	<i>Legal agreement for project pending</i>		23,960.50	MD

SECTOR: POULTRY

FILE NO.	PROJECT TITLE	PROJECT LEAD	IAF'S SHARE	FUNDING PROGRAM *
BBC048	Rosstown Launches New Value-Added Products into BC Markets	Rosstown Natural Foods Ltd.	42,468.50	BBC
BBC049	Building the IFP Brand through Community Engagement	Island Farmhouse Poultry Ltd.	21,825.00	BBC

SECTOR: PORK

FILE NO.	PROJECT TITLE	PROJECT LEAD	IAF'S SHARE	FUNDING PROGRAM *
BBC096	Increase Brand Awareness for Stapleton Sausage Co.	Stapleton Sausage Co. Inc.	41,880.33	BBC

OTHER APPROVED PROJECTS

FILE NO.	PROJECT TITLE	PROJECT LEAD	IAF'S SHARE	FUNDING PROGRAM *
A0861	Food Safety and Quality Management for Raw Pet Food Manufacturing	Red Dog Deli Raw Food Company Inc.	33,000.00	SNF
BBC028	Fishermans's Wharf Dimsum Branding and Packaging Development	Canada J&G Galaxy Investment Management Inc.	33,835.00	BBC
BBC054	Pureform Buy BC	SciencePure Nutraceuticals Inc.	37,791.62	BBC
MD003	<i>Legal agreement for project pending</i>		34,472.50	MD
MD022	<i>Legal agreement for project pending</i>		38,580.00	MD
MD038	Paladin Market Development 2019	Paladin International Food Sales Ltd.	7,011.50	MD
MD039	<i>Legal agreement for project pending</i>		29,364.10	MD
MD048	<i>Legal agreement for project pending</i>		43,593.00	MD



PAN AGRICULTURE

Naturally there are many agricultural initiatives and projects that resist categorization. Some cross multiple commodity groups, while others are designed to broadly assist the entire agriculture and processing sectors. In 2018, over 45 new projects were approved for more than \$1.6 million.

Helping producers and processors increase the use of BC agrifoods in the domestic marketplace through the Buy BC Partnership Program, or access international opportunities through the BC Agrifood and Seafood Market Development Program, are also IAF priorities that cross multiple sectors.

Helping the agri-food industry address environmental issues and enhance sustainability also continued as a priority in 2018, with more than \$450,000 in Canadian Agricultural Partnership funding going towards ten new climate change adaptation projects under the BC Agriculture and Food Climate Action Initiative.

Similarly, the Agri-Food Environment Initiative continued to assist industry in addressing environmental and wildlife challenges and issues. Twelve new projects were approved in 2018, focused on agricultural waste nutrient management and recovery, reducing impacts of wildlife on agricultural crops, irrigation and fertilizer application efficiencies, and enhancing bee populations to benefit field crop pollination.

*FUNDING PROGRAM LEGEND

AFFF	Agri-Food Futures Fund, a trust funded under the former federal-provincial Safety Nets framework
BBC	Buy BC Partnership Program (BC Ministry of Agriculture)
BEE	Bee BC Program (BC Ministry of Agriculture)
CCAP	Climate Change Adaptation Program (Agriculture & Agri-Food Canada and the BC Ministry of Agriculture through the Canadian Agricultural Partnership)
INV	Canada-BC Agri-Innovation Program (Agriculture & Agri-Food Canada and the BC Ministry of Agriculture through the Canadian Agricultural Partnership)
LWTI	Livestock Waste Tissue Initiative (Agriculture & Agri-Food Canada and the BC Ministry of Agriculture)
MD	BC Agrifood & Seafood Market Development Program (Agriculture & Agri-Food Canada and the BC Ministry of Agriculture through the Canadian Agricultural Partnership)
SF	Sustaining Fund
SNF	Former federal-provincial Safety Nets framework

SIMPLIFYING ORGANIC CERTIFICATION

"The Organic Online System is an innovative new tool that will put BC's organic sector at the forefront. We are very excited about the potential of this project within the organic sector and happy with the feedback we've received from stakeholders. While adopting any new technology is always a challenging process for users, overall feedback has been very positive, and we are confident that the Organic Online System will see widespread adoption and sustained use. This project has been highly instrumental in supporting the growth of BC's organic sector." **JEN GAMBLE, EXECUTIVE DIRECTOR, CERTIFIED ORGANIC ASSOCIATIONS OF BC.**

An innovative, province-wide online tool is now available for producers seeking organic certification! Thanks to a project led by the Certified Organic Associations of BC (COABC), the once onerous application process has been radically streamlined to save operators time, paperwork and money.

According to Jen Gamble, executive director of the COABC, the online system fills two sizable gaps for the province's organic sector.

"Previously there were no certification bodies in BC that offered a live online application process," explains Gamble, adding that the information captured will also populate a database to supply better statistics, another first in BC.

While data on the organic sector is in high demand, it is difficult to access and has never been consistent or reliable.

"Now with accurate numbers we are better positioned to identify gaps and predict potential areas for growth," anticipates Gamble. "We are already seeing the capability of the system to provide concrete information in the long term."

And with BC's mandatory organic regulation taking effect, the project proved especially timely for the many producers and processors now required to verify their products have accredited organic certification.

For the COABC, ensuring that the increasing numbers of transitional organic operators can access a supportive and user-friendly platform was a top priority, especially given the unfamiliarity and discomfort many farmers feel with online navigation.

To address the technology challenge and ease the transition, the COABC developed user guides and supplementary how-to videos to assist new entrants and have also trained their own staff to offer tech support via phone and email. And to ensure users without access to internet or computers are not excluded, certifying bodies will continue to offer a non-digital alternative until applicants are familiar with the new tool. (For those who simply need to renew their certification, Gamble promises the initial data recorded will re-populate in subsequent

years to considerably expedite the renewal process.)

So far feedback from stakeholders across the sector has been largely positive, and the COABC continues to offer training sessions when necessary to ensure a smooth transition for those coming onboard.

In addition to simplifying the application process and enhancing data collection, Gamble is delighted to see numerous other benefits unfolding because of the project, including increased collaboration and communication within the sector and a clearer understanding of the role and benefits the COABC brings to the sector.

"As we shift into a high-tech future, tools like this are vital to the success and sustainability of the organic sector, and we are confident the system will see widespread adoption and sustained use," she predicts.

FUNDING: \$117,568 PROVIDED THROUGH THE FORMER FEDERAL-PROVINCIAL SAFETY NET FUND. (A0818)

APPROVED PAN AGRICULTURE PROJECTS PRIMARY AGRICULTURE

FILE NO.	PROJECT TITLE	PROJECT LEAD	IAF'S SHARE	FUNDING PROGRAM *
A0865 SP	Cutworm Monitoring and Forecasting Network in the Fraser Valley	E.S. Cropconsult Ltd.	3,675.00	SNF
A0871 AE	Center Pivot Precision Irrigation Using Variable Rate Irrigation Technology	Partnership for Water Sustainability in BC	46,500.00	SNF
A0878	Protecting the Agriculture Sector from the Japanese Beetle	Invasive Species Council of BC	155,911.00	SF
A0880 SP	Aggregation, Distribution and Marketing Pilot	Fields Forward Society	9,906.00	SNF
A0881 AE SP	Langley Small Farm Network, Inaugural Year	Langley Environmental Partners Society	10,000.00	SNF
AF021-022	Vancouver Island Fibre Shed Initiative: Building a Local Textile Economy	Comox Valley Women's Institute	17,950.00	AFFF
AF021-025	Starling Funnel Trapping Pilot Project	BC Grapegrowers' Association	30,600.00	AFFF
AF021-039 SP	<i>Legal agreement for project pending</i>		10,000.00	AFFF
B0016.45.02	District of Squamish and SLRD Electoral Area D Agricultural Plan	District of Squamish & Squamish-Lillooet Regional District	30,000.00	SNF
BBC005	Cowichan Grown Marketing Campaign	Cowichan Valley Cooperative Marketplace	3,444.50	BBC
BBC009	Fresh Prep Outreach and Market Penetration	Fresh Prep Foods Inc.	45,000.00	BBC
BBC021	Millennials Buy BC at the UBC Farm Farmers' Markets	Centre for Sustainable Food Systems at UBC Farm	9,609.43	BBC
BBC024	Advertising for New Market Location	Cariboo Direct Farm Market Association	362.32	BBC
BBC044	150th Cowichan Exhibition -- Celebrating Agriculture in the Cowichan Valley	Cowichan Exhibition	1,978.50	BBC
BBC047	Buy LBC (Delta) - Increasing Our Local Food Economy	Delta Farmers' Institute Society	30,600.00	BBC
BBC057	BuyBC Education and Photo Opportunities for Social Media	Interior Provincial Exhibition Association	1,918.00	BBC
BBC097	Buy Whistler Water; Buy BC	Whistler Water Inc.	44,041.48	BBC
BBC103	Buy BC @ BC Farmers' Markets Campaign	BC Association of Farmers' Markets	18,318.58	BBC
BBC105	Peqish BC Market Expansion with the BuyBC Partnership Program	Peqish Food Company Inc.	44,708.00	BBC
INV003	<i>Legal agreement for project pending</i>		12,757.00	INV
INV010 AE	Biogas Hydrogen Sulfide Removal Study	Seabreeze Farm	18,732.00	INV
INV012	Farmers and Small Producers Connection (Supply Chain) -- Phase 1	Commissary Connect Innovations Inc.	95,625.00	INV
INV020 AE	Augmented Biogas Production from High Energy Content Organics	University of British Columbia	40,000.00	INV
INV023 AE SP	Building a Tool for Assessing Soil Microbial Health	Institute for Sustainable Horticulture, Kwantlen Polytechnic University	10,000.00	INV
INV042	Regional Food Recovery Network - Feasibility and Pilot	Mesh Exchange (dba Food Mesh) Inc.	45,000.00	INV
INV048 AE	High Efficiency Biomass Drying and Granulation for the Fertilizer	Trident Processes Inc.	149,545.00	INV
MD017	<i>Legal agreement for project pending</i>		50,000.00	MD
MD026	<i>Legal agreement for project pending</i>		18,497.50	MD
MD036	<i>Legal agreement for project pending</i>		50,000.00	MD
RA CB12	Applied Adaptation Research Strategic Plan	The Kersley Farmers' Institute	45,000.00	CCAP

APPROVED PAN AGRICULTURE PROJECTS PRIMARY AGRICULTURE

FILE NO.	PROJECT TITLE	PROJECT LEAD	IAF'S SHARE	FUNDING PROGRAM *
RA CB13	Agricultural Pest Identification and Management Tools for the Cariboo	Invasive Species Council of BC	50,000.00	CCAP
RA DL11	Strengthening Communication and Preparedness for Flooding	Delta Farmers' Institute Society	35,650.00	CCAP
RA FV08	<i>Legal agreement for project pending</i>		55,250.00	CCAP
RA OK07	Phase 2: Agricultural Water Supply Communications	Okanagan Basin Water Board	66,900.00	CCAP
RA OK08	Okanagan Invasive Species Online Website	Okanagan & Similkameen Invasive Species Society	30,400.00	CCAP
RA OK09	Wildfire Pre-Season Communicaitons and Information Exchange Pilot Project	Southern Okanagan Stockmen's Association	71,500.00	CCAP

APPROVED PAN AGRICULTURE PROJECTS VALUE ADDED/PROCESSING

FILE NO.	PROJECT TITLE	PROJECT LEAD	IAF'S SHARE	FUNDING PROGRAM *
BBC019	Buy BC 2018	Tartine Tarts Inc.	14,350.00	BBC
BBC030	Royal Gourmet Foods Marketing Plan	Royal Gourmet Foods Ltd.	45,000.00	BBC
BBC063	BUY GOLDEN BONBON, BUY BC!	Asti Holdings Ltd.	39,800.00	BBC
BBC075	<i>Legal agreement for project pending</i>		10,432.80	BBC
BBC086	BC Bold – World Flavours Done Our Way ... Local, Fresh, Simple	Quejos Ancient Foods Inc.	45,000.00	BBC
BBC089	Aji Gourmet Products Market Expansion Under Buy BC	Aji Gourmet Products Ltd.	45,000.00	BBC
BBC093	Inno Foods Local Market Expansion Plan Through Partnership With Buy BC	Inno Foods Inc.	45,000.00	BBC
MD002	<i>Legal agreement for project pending</i>		50,000.00	MD
MD004	USA Market Development	Asti Holdings Ltd.	7,655.00	MD
MD008	<i>Legal agreement for project pending</i>		46,683.00	MD
MD018	<i>Legal agreement for project pending</i>		26,890.00	MD
MD049	<i>Legal agreement for project pending</i>		28,000.00	MD

* See Funding Program legend on p.26

BOARD INITIATIVES

2018

NOT ALL ISSUES THAT AFFECT AGRICULTURE CAN BE RESOLVED WITH EXISTING INDUSTRY RESOURCES. IN CASES LIKE THESE, IAF OFTEN PARTNERS WITH INDUSTRY ON A STRATEGIC INITIATIVE OR PROJECT OR EVEN ASSUMES THE LEAD ON ADDRESSING ISSUES OF HIGH PRIORITY.

With the backing of industry, the Board is also empowered to develop specialized programs to address specific priorities which fall within IAF's mandate and funding principles, such as the Small Projects and Agricultural Area Planning programs.

Small Projects Program

The Small Projects Program provides an expedited process for industry groups to access up to \$10,000 for projects valued at \$30,000 or less and lasting up to one year. Nearly 20 new projects were approved in 2018, totalling a commitment of more than \$135,000.

Funding can be provided through any of the programs that IAF delivers and is based on eligibility, demonstrated need and industry support. With no set intake deadlines applications can be submitted at any time, but clients are encouraged to apply at least 30 days before a project starts.

Agricultural Area Planning Program

The Agricultural Area Planning Program offers funding to local governments that partner with the agricultural community to develop

a local, shared vision for the future of agriculture and improve the viability of farming in municipalities and regional districts around BC.

Since 1999, over 60 projects aimed at creating or updating agricultural area plans, strategies, land use inventories or watershed plans have been approved, including funding in 2018 for the District of Squamish and the Squamish-Lillooet Regional District to complete the Squamish Valley Agricultural Plan

New projects are funded through the former federal-provincial Safety Nets framework.

New Ag Plan Offers Reason to Hope

When the Hope Food Collective undertook a Community Food Security Assessment in 2016, there was a clear and consistent message from residents seeking more local options with more control over the source and quality of their food.

Unfortunately, with its surplus of under-utilized agricultural land and lack of supportive policies, the District of Hope had a long way to go to meet these expectations. So, with the help of IAF's Agricultural Area Planning Program, the District formed an Agricultural Advisory


Committee and began the process to strengthen and promote its local food system.

And with recent endorsement by City Council, the new Hope Food and Agriculture Plan now offers a ten-to 15-year blueprint for guiding the long-term development of agri-food systems in Hope!

According to project manager Brittany Ekelund, the plan reflects extensive consultation and presents a shared vision to support both new and existing agri-businesses and enhance food security for everyone.

"The plan is a long-range strategy for increasing the use of agricultural land for farming as well as establishing and scaling-up the local food and agriculture value chain," says Ekelund. "The plan takes a food system approach and considers all aspects of the value chain from production, processing and direct-sales to celebration and food recovery."

Priorities captured in the ambitious new plan include maintaining Agricultural Land Reserve boundaries and discouraging subdivision, expanding processing infrastructure, establishing a



"Preserving and nurturing local agricultural lands is becoming increasingly important to our food security and the promotion of good, healthy, local food production. The Hope Agricultural Area Plan has provided an inventory of available agricultural land and an opportunity to comprehensively ensure the best use and development of the available land. It also provides the framework to develop policies that will protect the continued health and well-being of the diverse agricultural activities within the area. This is vital to our bees and all agricultural activities in our local community."

ROSE DENNISON, OWNER & OPERATOR, DENNISON APIARY.



regional food hub, encouraging ecologically responsible agriculture practices and creating a branding strategy for Hope food and agriculture.

The regional branding initiative is already underway, offering logos and other marketing materials to government, business and education sectors. With access to new tools, Hope producers and processors can more easily tap into larger regional markets, fulfilling another key priority identified during consultations.

"During the 2016 assessment, local producers expressed a need for a consistent, viable market for their products, so we really wanted our plan to offer specific avenues for improving marketing opportunities," explains Ekelund, adding that they are also focused on creating a more supportive and inclusive farmers' market.

For Ekelund, increasing collaboration, communication and educational opportunities is the most important path forward in building a strong and sustainable industry, especially when it comes to

recruiting new talent to the local ag sector.

"Hope offers an appealing option for innovative, young or new agriculturalists interested in small-scale agriculture," she says. "They can take advantage of our current low cost of agricultural land relative to the Lower Mainland, location for easy distribution and excellent water quality and soil health."

And for added incentive, the District hopes to host a workshop series for farmers, processors and artisans to learn practical business skills and is also exploring ways to help producers navigate government regulations and permitting requirements to responsibly grow their operations.

"We're trying to build a network of farmers that can work together to support each other, pool resources, develop products and expand market share for the benefit of the entire community," Ekelund emphasizes.

FUNDING: \$13,000 PROVIDED THROUGH THE FORMER FEDERAL-PROVINCIAL SAFETY NET FUND. (B0016.47)

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