

Investment Agriculture Foundation of British Columbia





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HIGHLIGHTING

IAF's role in program delivery and project support for industry.

ANNUAL REPORT

FINDING SPACE TO GROW IN THE PEACE REGION

Booming resource development is changing the landscape and economy of the Peace, BC's largest agricultural region.

The energy sector places high demands on much of the same land, water and transportation infrastructure used for agricultural production. It is a delicate balance, but two projects are helping to ensure there is space for both industries to grow. For over a year, the PRRD has worked closely with members of the agriculture community and public across the region to surface issues, and identify priorities. Now in the final stages of plan development, there are some clear themes emerging.

"This region has been traditionally known for its agricultural importance, but that is quickly being overshadowed by energy development," says Simard. "One of the themes coming up is the need to raise awareness about the importance of agriculture in our region."

"We also need to look at improving the communications and relationships between those resource interests and agriculture. Looking at demands for water and concerns about climate change where they overlap, for example."

In many ways, the energy sector and agriculture

University of Northern British Columbia (UNBC). The one-day courses are available to UNBC students, forage producers, and contractors and employees in the oil and gas sector.

"The oil and gas companies are taking the information that we are gathering and are keen to use it," says Wilson. "The industry is really excited about the new courses, and it has all spun out of the re-vegetation research and demonstration project."

Funding: \$45,000 through the former federal-provincial Safety Nets framework (B0016.36); \$177,500 through the federal Canadian Agricultural Adaptation Program (A0684, phase 1) and \$86,540 through the former federal-provincial Safety Nets framework (A0684, phase 2).

At a regional level, the Peace River Regional District (PRRD) is working to develop an agriculture strategy that encompasses the entire region's agricultural capacity (B0016.36). It's an ambitious undertaking for an area that has 1.4 million hectares (27 percent) of BC's Agricultural Land Reserve, and over 825,000 hectares in production.

"It is a priority for our board to develop a regional agricultural plan to support the sector as an essential component of our economic, environmental, cultural future," says Bruce Simard, general manager of development services for PRRD. "We want to be proactive in working with industry, government and producers to move beyond the issues and make it work for everybody." groups are already finding ways to work together. The Peace River Forage Association has been working with energy companies since 2012 to identify forage varieties and seed mixes that can be used to re-vegetate land disturbed by oil and gas activity (A0684.1).

"The soil conditions on these sites are poor because a lot of it is subsoil," says Bill Wilson, who leads the project for the Peace River Forage Association. "We want to find species or fertilizer conditions that will help something grow there, and grow quickly to keep invasive species or weeds from getting established, and to prevent erosion."

The project began with a focus on forage species but soon branched out to include seeding techniques, fertility, timing of seeding and other factors. The information generated by the project laid the foundation for collaboration on a series of soil and re-vegetation workshops with the The Investment Agriculture Foundation 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.

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

Information about our mandate, vision, core values and available funding can be found in the About Us section of our website.

www.iafbc.ca

"Funding availability from the IAF provided incentive and encouragement for development of the Peace

River Regional District Regional Agricultural Plan, that may not have otherwise happened. Support from IAF staff has also been beneficial in the early development of the project."

Bruce Simard, General Manager of Development Services

Peace River Regional District



MESSAGE FROM THE DIRECTORS & STAFF

Dear Friends of the Foundation,

At IAF we pride ourselves on supporting industry in developing solutions, pursuing opportunities and facilitating innovation for BC agriculture and agrifoods. These commitments proved especially significant during the past year; while 2013 has been a time of transitions and challenges, it has also offered the potential for adaptation and advancement.

After learning federal adaptation funding would sunset in 2013, we resolved to continue working with our industry partners toward creating a more competitive, profitable and sustainable agriculture sector. Thanks to industry's dedication and leadership, we are more optimistic than ever about the future of BC agriculture.

Along with our sister organizations from the Maritimes through Central Canada and the Prairies all the way up to Canada's Arctic, IAF has been honoured to deliver Federal adaptation programming since 1996. As these programs have now come to the end of their life, we are pleased to reflect on how project funding empowered our industry to respond to new and emerging issues and encourage adaptation and competitiveness.

Our efforts to enhance our program portfolio and increase industry competitiveness were successfully rewarded through a competitive process to deliver *Growing Forward 2* programming. The Canada-BC Agri-Innovation Program will allow us to invest over \$13 million towards projects that support late-stage research and development, pilots and demonstration projects and follow along the innovation path toward commercialization.

We were also awarded delivery of the new BC Agrifoods Export Program, which aims to boost exports sales and expand international market access. Launched in November 2013, numerous projects are already underway, with producers and processors traveling throughout Europe, Asia The BC tree fruits industry is also improving producer returns and encouraging environmental sustainability through the Tree Fruit Market and Infrastructure Innovation Initiative. We continue to work closely with the BC Fruit Growers Association on project investments to support environmentally-friendly packing and storing technology development; marketing and value-added opportunities for fresh and processed apples; pest management strategies; and other environmental issues.

Last June the IAF board toured the bountiful Comox Valley on Vancouver Island. Directors and staff soaked up the local ag scene and connected with some of the region's most dynamic agricultural players. From a new artisanal cow and goat milk yogurt facility, to a water buffalo dairy and bison operation, a custom abattoir, and an award-winning estate fruit winery, there was no shortage of interesting and memorable stops along the way.

This year on the IAF board, we said goodbye to directors Debbie Aarts, Chris Byra, Gay Hahn, Jens Larsen, and welcomed Len Bouwman, Jack DeWit, Bar Hayre, Alistair Johnston and Bert Miles. We extend our appreciation and thanks to each of them, and wish our departing directors the greatest success with their next adventures!

With 2013 marking my first year as chair, the themes of transition, challenge and opportunity are especially meaningful to me. As a producer of potatoes, blueberries and dairy in Delta, I am well aware of the needs and priorities facing my sectors. I am proud to serve an organization that addresses industry-led initiatives, and I'm honoured the board has put their trust in me. I would also like to thank the board and staff for their dedication and hard work.

Success for IAF means the programs we deliver result in tangible benefits for BC's agriculture and agrifoods industry. Please join us in celebrating industry's achievements during the past year, and we look forward to another successful year of collaboration!

Ken Bates, Chair Peter Donkers, Executive Director

A MESSAGE FROM BC'S AGRICULTURE MINISTER

Message from Minister Pimm

On behalf of the BC Government, I would like to thank IAF for another year of dedication and leadership in supporting farmers across British Columbia and Canada.



It is through our partnerships with organizations such as the IAF that we support the industry, not only for the fresh and healthy foods they provide us, but because the agrifoods industry is a job-creator and an integral part of BC's economy.

BC's food producers and processors form a sophisticated and high-tech industry that generates \$11.7-billion in revenue a year and employs more than 61,000 British Columbians.

In 2013, the IAF completed the important task of delivering \$1.5 million in provincial government funding through the Buy Local Program. IAF has also administered Canada and British Columbia funding through the BC Agrifoods Export Program and the Canada-BC Agri-Innovation Program. The programs are complex and thanks to the professionalism of the IAF, the administration of these projects and others has been smooth and I know our industry appreciates it.

Congratulations and thank you to IAF and the board of directors. We look forward to continuing our partnership with you in 2014.

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2013 ANNUAL REPORT

Pat Pimm Minister of Agriculture



and the Middle East to showcase BC agrifoods.

Closer to home, the BC Government's Buy Local Program has supported more than 40 organizations in promoting BC agrifoods in the BC marketplace. Read how local marketing campaigns have helped operations across the province distinguish their brands and attract new buyers on page 8.

Our collaboration with the BC cattle sector and the federal and provincial governments yielded another productive year for the Ranching Task Force Funding Initiative. With several new projects on the go in areas like value-chain development and niche marketing, the initiative is helping to increase value and competitiveness for BC beef.

"I would like to thank all that are responsible for the comprehensive resource we now have with *Cool Forages*. This collection shows us that we can each do a little better for the environment and our community – whether it is nutrient transfer, reduced feed waste, or exploring better digestible feed for our livestock, this has it all. If you don't have a copy, get one."

Garth Healey, Director Canadian Forage Growers' Association, BC Forage Council

COOL FORAGES BECOMES HOT NEW RESOURCE FOR FARMERS

When it comes to forage production, a little good management goes a long way. Proper stewardship can increase producer returns and provide environmental benefits such as reduced soil erosion and improved water quality.

Without access to current best practice guidelines (the last suitable forage resource published in BC was in 1999), many growers have been unable to optimize production.

To help bridge the gap, the Pacific Field Corn Association (PFCA) has compiled the latest research on sustainable forage production sourced from 75 authors and seven countries. *Cool Forages: Advanced Management of Temperate Forages* has already become an internationally acclaimed resource

in the few months since its release.

While some contributions provide updates to previous research, such as forage quality, nutrient, weed and grazing management, and sustainable farming approaches, the book also offers new material in the field of agrienvironmental impacts, a topic of increasing importance to BC forage growers.

PFCA project coordinator, Fran Teitge, is confident the diversity of topics covered will translate

into substantial cross-sectoral impacts.

"Cool Forages includes general information relevant to all forage producers, as well as more targeted recommendations for beef, dairy and even organic farmers," explains Teitge. "It also includes guidance to help producers develop better management practices that can optimize production while reducing environmental risks."

BC agrologist and seed supplier Bill Awmack believes that successful farming depends on quality varieties paired with sound production practices. For Awmack, *Cool Forages* has become an indispensible resource for both himself and his clients at Quality Seeds West in Langley.

"The articles do a great job of making cutting edge research accessible to everyone," says Awmack. "We can

CROPS +VALUE ADDED

Whether organic or conventional, fresh or processed, British Columbians are fortunate to have access to a variety of high-quality crops grown by our producers and processors.

IAF offers several funding programs designed to help all horticultural sectors increase competitiveness and enhance sustainability. In 2013 over 60 crop-related



projects were approved for more than \$3.3 million. In addition to these new projects, the tree fruit sectors continued to receive funding for priority projects under strategic initiatives established in previous years.

IAF continues to work with the BC Fruit Growers Association to administer the BC Government's Orchard Replant Program. The funding will help BC's tree fruit industry renew plantings of apple and other tree fruits to newer, more marketable varieties that are expected to improve grower returns. The program also includes a grafting and budding component which will assist growers to get new trees into production faster.

We also deliver the federal-provincial Tree Fruit Market and Infrastructure Innovation Initiative to improve

the competitiveness of the BC tree fruit industry and contribute to environmental sustainability. The initiative funds the development of innovative and environmentallyfriendly technology in packing and storage infrastructure; marketing and value-added opportunities to increase consumption of fresh and processed apples; and strategies to address pest management and other environmental issues.

provide better, more customized service that tailors variety selection according to the latest science and educates farmers about production methods."

Cool Forages has proven equally popular within the academic community, making its way into the curriculum of universities like McGill and the University of West Virginia.

So far the PFCA has received bulk orders from Texas Tech University, Oregon State University, Dalhousie University, University of Virginia, the Grassland Research Centre in New Zealand, the Swedish Institute of Agricultural and Environmental Engineering, and is also expecting orders from the USDA.

"Of course," Teitge assures, "any book requests from BC residents are filled free of charge."

Cool Forages is available online at: http://farmwest.com/ node/1303

Funding: \$28,616 through the former federal-provincial Safety Nets framework. (A0642)

APPROVED CROP PROJECTS PRIMARY AGRICULTURE

	FILE NO.	PROJECT TITLE	PROJECT LEAD	IAF'S SHARE	FUNDING PROGRAM
	A0721	Accessing Emerging Markets for BC Forages - Pilot Project	BC Forage Council	\$44,500	SNF
	A0722 ES	Crop Suitability & Agriculture Feasibility Study	Splatsin First Nation	\$26,777	CAAP
	A0725 ES	Building Community Capacity in Native Plant Propagation and Reclamation	Saulteau First Nations	\$73,380	СААР
	A0729	Determining the Causes of Poor Fruit Set and Yield Loss in Blueberry Cultivars, 'Liberty' and 'Draper'	BC Blueberry Council	\$15,650	СААР
	A0730	Blueberry Production Innovations via Plant Growth Regulators (PGRs), Cooler Storage and Pruning	BC Blueberry Council	\$10,930	СААР
	A0736	Web-Based Tree Fruit Production Guide	BC Fruit Growers' Association	\$26,770	SNF
	A0751	Integrated Management of Fruit Tree Cankers	BC Tree Fruits Cooperative	\$125,063	SNF
	BL009	Ramping up the "Born in BC, Raised in the Okanagan" Value Chain Program for New PARC Apple Varieties	Okanagan Plant Improvement Company Ltd.	\$25,000	BL
	BL014	From our Family to Yours: Desert Hills Ranch	Desert Hills Ranch	\$44,000	BL
	BL022	Coastal Buy Local Campaign	Sunshine Organics Home Delivery	\$100,000	BL
	BL024	BC Tree Fruits Buy BC Program	BC Tree Fruits Cooperative	\$20,000	BL
	BL026	British Columbia Ambrosia Apples – Consumer Awareness, Engagement, & Education	New Tree Fruit Varieties Development Council	\$50,000	BL
	BL027	BCGGA Greenhouse Vegetable Buy Local Generic Branding & Marketing Project	BC Greenhouse Growers' Association	\$100,000	BL
	BL029	"Buy BC Floral" Marketing Campaign Pilot Project	United Flower Growers' Cooperative	\$62,500	BL
	BL040	Meet the Locals - Warba Potatoes Have Arrived!	BCfresh	\$16,000	BL
	EX003	BCfresh International Business Development Project	BC Fresh Vegetables Inc. (BCfresh)	\$16,250	EX
	INN116 SP	New Innovations in the Tree Fruit Industry in Europe	Calissi Farms Inc.	\$6,006	CBCAIP
	INN076	Development & Demonstration of Agricultural & Pilot-Scale Processing Practices for a Rubber- Bearing Plant in BC	Nova-BioRubber Green Technologies Inc.	\$125,000	CBCAIP
	INN077	Development of Tissue Culture Micro-Propagation for Organic Greenhouse Production	ProgenyBio Agricultural Services Inc.	\$60,000	CBCAIP
	INN082	Investigating Insecticidal Activity of Unique Lavender Oils & Expanding Genetic Resources for Lavenders	University of British Columbia	\$120,500	CBCAIP
		Developing New BC Native Fungal & Viral Microbial Biocontrol Products: Pilot Stage	Institute for Sustainable Horticulture, Kwantlen Polytechnic University	\$122,120	CBCAIP
	INN091	Birch Sap	G.O. Water Inc.	\$81,606	CBCAIP
J	ININ096	CurVbrush	Patrick Koczan	\$12,500	CBCAIP
	INN107	Anaerobic Digestate Pilot Demonstration	Delta Farmers' Institute	\$16,125	CBCAIP
ī	INN123	Enterra Natural Fertilizer (Insect Digestate) as an Organic Wireworm Control	Enterra Feed Corporation	\$98,030	CBCAIP
	SP204	Apple Research & Promotion Agency - Information Sessions & Vote	BC Fruit Growers' Association	\$10,000	СААР
	CD207 FC	Domentuation & Dualinsingue	Chause comple (Veretitore	t0 (10	CAAD

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SP207 ES Demonstration & Preliminary

APPROVED CROP PROJECTS PRIMARY AGRICULTURE

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FILE NO.	PROJECT TITLE	PROJECT LEAD	IAF'S SHARE	FUNDING PROGRAM*
TFM028	Winfield Pre-Grade Pre-Size Apple Line	BC Tree Fruits Cooperative	\$735,150	TFMIII
TFM032	Improvement of IPM for Cherry Fruitworm in BC Orchards	BC Fruit Growers' Association	\$15,235	TFMIII
TFM033	X-Ray Sterilization - Efficacy Testing, Area Wide Codling Moth Control Program	Okanagan-Koote- nay Sterile Insect Release Program	\$39,340	TFMIII
TFM036	Pilot Project to Establish Market Access for BC Cherries to China - Verification of "Brown Sugar Test"	BC Cherry Association	\$36,500	TFMIII
W0201 QP- 6742CO	Studying the Agronomic, Economic & Energy Performances of Light Emitting Diode (LED) Lamps on Tomato/Lettuce Greenhouse Production	Syndicat des producteurs en serre du Québec	\$16,500	СААР
W0202 ON- 0459CO	Building Pathology Capacity to Market Disease Resistant Canadian Roses in Global Markets	Canadian Nursery and Landscape Association	\$23,002	СААР
W0204 AB- 1187CO	Investigation & Development of a New Cereal Plant Breeding Model for Western Canada	Alberta Seed Growers' Association	\$17,500	СААР
W0205 QP6782	Assessing the Effectiveness of 11 Insecticides Against Spotted Wing Drosphila (Drosophila suzukii) with Summer Strawberries & Day-Neutral Strawberries	Carrefour industriel et experimental de Lanaudiere	\$5,000	СААР
W0208 QP6799	Study on the Efficiency of Different Spraying Techniques in Cranberry Production in Quebec	Institut de recherche et de developpement en agroenvironnement inc.	\$20,100	СААР
APPROV	YED CROP PROJECTS VALUE ADD	ED/PROCESSING		
APPROV	VED CROP PROJECTS VALUE ADD Project title	ED/PROCESSING project lead	IAF'S SHARE	FUNDING PROGRAM*
FILE NO.	PROJECT TITLE	PROJECT LEAD	SHARE	PROGRAM*
FILE NO. BL011	PROJECT TITLE Perfect Pairings BC Native Plant Nursery, Ethnobotanical Agriculture Product & Agri-Tourism	PROJECT LEAD BC Wine Institute Cayoose Creek	SHARE \$100,000	PROGRAM* BL
FILE NO. BL011 BL016	PROJECT TITLE Perfect Pairings BC Native Plant Nursery, Ethnobotanical Agriculture Product & Agri-Tourism Marketing Coastal Black's 2013 BUY LOCAL	PROJECT LEAD BC Wine Institute Cayoose Creek St'at'imc Coastal Black Estate Winery Naturally Home-	SHARE \$100,000 \$39,613	PROGRAM* BL BL
FILE NO. BL011 BL016 BL021	PROJECT TITLE Perfect Pairings BC Native Plant Nursery, Ethnobotanical Agriculture Product & Agri-Tourism Marketing Coastal Black's 2013 BUY LOCAL Campaign BC's Best - Hardbite is a Cut	PROJECT LEAD BC Wine Institute Cayoose Creek St'at'imc Coastal Black Estate Winery	SHARE \$100,000 \$39,613 \$16,300	PROGRAM* BL BL BL
FILE NO. BL011 BL016 BL021 BL023	PROJECT TITLE Perfect Pairings BC Native Plant Nursery, Ethnobotanical Agriculture Product & Agri-Tourism Marketing Coastal Black's 2013 BUY LOCAL Campaign BC's Best - Hardbite is a Cut Above the Rest BC VQA & BC Agrifood Wine Pairing	PROJECT LEAD BC Wine Institute Cayoose Creek St'at'imc Coastal Black Estate Winery Naturally Home- grown Foods Ltd.	SHARE \$100,000 \$39,613 \$16,300 \$100,000	PROGRAM* BL BL BL BL
FILE NO. BL011 BL016 BL021 BL023 BL028	PROJECT TITLE Perfect Pairings BC Native Plant Nursery, Ethnobotanical Agriculture Product & Agri-Tourism Marketing Coastal Black's 2013 BUY LOCAL Campaign BC's Best - Hardbite is a Cut Above the Rest BC VQA & BC Agrifood Wine Pairing Ambassador Program	PROJECT LEAD BC Wine Institute Cayoose Creek St'at'imc Coastal Black Estate Winery Naturally Home- grown Foods Ltd. BC Wine Institute Herbaland Naturals	SHARE \$100,000 \$39,613 \$16,300 \$100,000 \$50,000	PROGRAM* BL BL BL BL
FILE NO. BL011 BL016 BL021 BL023 BL028 EX001	PROJECT TITLE Perfect Pairings BC Native Plant Nursery, Ethnobotanical Agriculture Product & Agri-Tourism Marketing Coastal Black's 2013 BUY LOCAL Campaign BC's Best - Hardbite is a Cut Above the Rest BC VQA & BC Agrifood Wine Pairing Ambassador Program EXPO WEST 2014 Tradeshow Exhibition	PROJECT LEAD BC Wine Institute Cayoose Creek St'at'imc Coastal Black Estate Winery Naturally Home- grown Foods Ltd. BC Wine Institute BC Wine Institute Herbaland Naturals Inc.	SHARE \$100,000 \$39,613 \$16,300 \$100,000 \$50,000 \$14,050	PROGRAM* BL BL BL BL EX
FILE NO. BL011 BL016 BL021 BL023 BL023 EL028 EX001 EX004	PROJECT TITLE Perfect Pairings BC Native Plant Nursery, Ethnobotanical Agriculture Product & Agri-Tourism Marketing Coastal Black's 2013 BUY LOCAL Campaign BC's Best - Hardbite is a Cut Above the Rest BC VQA & BC Agrifood Wine Pairing Ambassador Program EXPO WEST 2014 Tradeshow Exhibition	PROJECT LEAD BC Wine Institute Cayoose Creek St'at'imc Coastal Black Estate Winery Naturally Home- grown Foods Ltd. BC Wine Institute Herbaland Naturals Inc. Everland Natural Foods Inc. Meyer Family	SHARE \$100,000 \$39,613 \$16,300 \$100,000 \$50,000 \$14,050 \$26,100	PROGRAM* BL BL BL BL EX EX
FILE NO. BL011 BL016 BL021 BL023 BL028 EX001 EX004 EX006	PROJECT TITLE Perfect Pairings BC Native Plant Nursery, Ethnobotanical Agriculture Product & Agri-Tourism Marketing Coastal Black's 2013 BUY LOCAL Campaign BC's Best - Hardbite is a Cut Above the Rest BC VQA & BC Agrifood Wine Pairing Ambassador Program EXPO WEST 2014 Tradeshow Exhibition Everland Natural Foods World of Pinot Noir & IPNC in Oregon	PROJECT LEADBC Wine InstituteCayoose CreekSt'at'imcCoastal Black EstateWineryNaturally Home- grown Foods Ltd.BC Wine InstituteBC Wine InstituteIterbaland NaturalsIcc.Everland NaturalFoods Inc.Meyer FamilyVineyards	SHARE \$100,000 \$39,613 \$16,300 \$100,000 \$50,000 \$14,050 \$26,100 \$4,625	PROGRAM* BL BL BL BL EX EX A
FILE NO. BL011 BL016 BL021 BL023 BL028 EX001 EX004 EX006 EX007	PROJECT TITLEPerfect Pairings BCNative Plant Nursery, Ethnobotanical Agriculture Product & Agri-Tourism MarketingCoastal Black's 2013 BUY LOCAL CampaignBC's Best - Hardbite is a Cut Above the RestBC VQA & BC Agrifood Wine Pairing Ambassador ProgramEXPO WEST 2014 Tradeshow ExhibitionEverland Natural FoodsWorld of Pinot Noir & IPNC in OregonGolden BonbonExport Development –	PROJECT LEADBC Wine InstituteCayoose CreekSt'at'imcCoastal Black EstateWineryNaturally Home- grown Foods Ltd.BC Wine InstituteHerbaland Naturals inc.Everland Naturals foods Inc.Meyer Family vineyardsAsti Holdings Ltd.Laughing Stock	SHARE \$100,000 \$39,613 \$16,300 \$100,000 \$50,000 \$14,050 \$26,100 \$4,625 \$7,460	PROGRAM* BL BL BL BL EX EX EX EX EX

HapiFoods Group Inc. EX017 HolyCrap – USA \$24,928 EX Research to Formulate & Test Fertilizer from Biofuel By-Products INN078 Cowichan Energy \$67,700 CBCAIP Alternatives

		Investigation into Quinoa as a Commercial Crop Option	First Nation	<i>99,</i> 040	Cruti
S	6P208	Potential Fungicides for Control of Downy Mildew of Blackberry: Efficacy & Crop Tolerance	Lower Mainland Horticul- tural Improvement Association	\$3,100	СААР
S	P210	Reduced-Risk Pest Management & New Herbicides for Cranberries in BC	BC Cranberry Marketing Commission	\$9,374	СААР
S	6P211	Distribution of Rusty Tussock on Fraser Valley Cranberry Farms	BC Cranberry Marketing Commission	\$1,312	СААР
S	5P215	Developing a Data Package for Registration of a Viral Biopesticide for the Invasive Species Spodoptera Exigua (Beet Army Worm)	BC Greenhouse Growers' Association	\$9,775	СААР
S	6P217	Pure Spray for Greenhouse Cucumber Integrated Pest & Disease Management	BC Greenhouse Growers' Association	\$10,000	СААР
S	P219	The Merits of Establishing a Constant of Establishing a Canadian Red Raspberry Council	Raspberry Industry Development Council	\$3,650	SNF

Stswecem'c/Xgat'tem \$9.640 CAAP

INN079	New Craft Spirits from 100% BC Agricultural Products & their Consumer Viability	Merridale Ciderworks Corp.	\$39,050	CBCAIP	
INN080	Transforming the Okanagan Apple Sector through Hard Cider & Blends	BX Press Inc.	\$46,451	CBCAIP	
INN089	Reducing the Amount of Volatile Acidity in Wine	University of British Columbia	\$103,295	CBCAIP	
INN095	Manufacturing & Commercialization of New Agri-food Products: H2O™ & HempO™	Boreal Technologies Inc.	\$127,006	CBCAIP	2
INN124	Pilot Project for the Development of Ketone Substrate Edible Oils	Alpha Health Products Ltd.	\$117,410	CBCAIP	
TFM029	Cherryscan Electronic Defect Grader	Carcajou Fruit Company Ltd.	\$25,000	TFMIII	
W0203 MB 0432CO	Novel Flax Bioplastics: Thermoplastics Development for Automotive Application	Composites Innovation Centre MB Inc.	\$5,781	СААР	

[1] Legal agreement pending; [2] Project approved but later withdrawn or terminated; See Funding Program legend on p.10

"We have reached a time where consumers are demanding more information on their food and how it is produced. It is extremely important for industry to lead the way and supply up-to-date accurate information that the consumer can trust. In doing this the producers and processors need to be able to utilize the information for their own business. By giving the consumer current verifiable data we are able to assure them that they are getting the safest, highest quality product in the world and in so doing give industry the opportunity to be more sustainable and profitable."

Kevin Boon, General Manager BC Cattlemen's Association

LIVESTOCK POULTRY & AQUACULTURE +VALUE ADDED

British Columbia's ranchers, farmers and beekeepers raise livestock and poultry for meal and an array of animal products from eggs and milk to honey. In turn, processors turn this into quality meat and seafood products, delectable cheeses and nutritious animal feed.

These sectors also benefit from the wide range of funding programs which the Foundation delivers. In 2013, more than 20 new projects were approved for funding of over \$1.5 million. Additionally, the strategic initiative for farm animal care has continued to work on enhancing animal handling practices in areas like transportation, and recently completed a sustainability plan.

IAF also continued to administer the federal-provincial Ranching Task Force Funding Initiative to help BC's beef industry stay competitive and develop new marketing strategies. In 2013, the management committee approved several new projects totalling more than \$700,000.

The provincial Livestock Waste Tissue Initiative continues to help the meat industry dispose of specified risk material (SRM) and other abattoir waste and help communities prepare for the possibility of a future mass carcass disposal event. In 2013, several new projects were approved for nearly \$250,000.

In the area of poultry biosecurity, implementation of the avian influenza strategic plan continues. The BC poultry industry had two plebiscites in 2013 to determine the level

BEEFING UP APPEAL FROM FARM-GATE TO DINNER PLATE

From class project to industry-changing initiative, a new digital tracking system is helping to enhance food safety and quality for BC's beef sector.

The first provincial system of its kind, the BC Beef Quality Information System (BCBQIS) was developed by the BC Association of Abattoirs and the BC Cattlemen's Association (BCCA) to offer dual capabilities of carcass traceability and quality assessment.

BCBQIS enables animal tracking from birth through rearing, slaughtering and processing, and is compatible with the federal BIX system to allow for greater streamlining and accessibility of information across Canada.

The quality assessment feature provides feedback on carcass quality to help producers improve management decisions and meet market demand.

According to BCCA General Manager, Kevin Boon, the system was designed to respond to the needs of everyone along the value chain.

"It ensures processors are able to work more efficiently, producers are able to receive feedback from the grading system, and food safety and quality is continuously improved for consumers," says Boon.

He is especially pleased at the potential rewards the grading component offers producers, allowing them to leverage their quality assessments for local marketing.

"The quality standards system responds to the growing market for niche products, allowing producers and retailers to promote certain attributes such as grass-fed, antibiotic-free, and more," explains Boon. "Some producers have already begun to categorize their pricing based on their carcass quality scores and yield measurements."

Launched in October 2013, training for beef producers and processors on the BCBQIS has been ongoing across the province.

For processors like Mike Noullett, implementing enhanced quality control measures at his Prince George abattoir,



of support for a captive insurance program, which is now under supervisory review by the Farm Industry Review Board. The non-regulated poultry sector developed and finalized a biosecurity tool and is working to implement a dissemination and marketing plan in 2014. Over \$70,000 was committed to three new projects, including one to develop new communication materials and provide emergency response training for the poultry sector. Kawano Farms, means greater confidence about beef leaving his plant for commercial markets.

Like Boon, Noullett believes that increasing consumer engagement and trust is paramount for industry and public alike.

"It's about connecting consumers to producers, so consumers can make an informed decision when buying a product," says Noullett.

Funding: \$272,841 through the Canadian Agricultural Adaptation Program. (A0616)

2013 ANNU<mark>AL REPORT</mark>

APPROVED LIVESTOCK PROJECTS PRIMARY AGRICULTURE

FILE NO.	PROJECT TITLE	PROJECT LEAD	IAF'S SHARE		
A0752	Systemizing the control BC's #1 dairy hoof health problem - Digital Dermatitis	BC Dairy Association	\$38,800	SNF	1
AIP009.04	JSCP Actuarial Services Part A Program Assessment	J.S. Cheng & Partners Inc.	\$38,700	PIB/ERP	
AIP011	BC Poultry Industry Risk Management Forum	Agri-Saki Consulting Inc.	\$11,050	PIB/ERP	2
AIP012	Increasing the Effectiveness of the BC Industry Poultry Emergency Response Plan	BC Poultry Association	\$23,310	PIB/ERP	
BL008	The Family Dinner Table: Engaging Youth in Positive Food Choices	BC Salmon Farmers Association	\$7,500	BL	
BL015	Expansion of BC Beef Quality Information System to Include all Red Meat Sectors & Cell Phone App to Locate Regional Meat Producers, Processors, Stores & Restaurants.	BC Association of Abattoirs	\$60,750	BL	
BL017	Hopcott Buy Local Beef Project	Hopcott Premium Meats	\$16,883	BL	
BL018	Wild BC Salmon Video/Print/Food Shows Branding & Promotion	BC Salmon Marketing Council	\$60,705	BL	
BL019	BC Chicken Social Media Strategy	BC Chicken Marketing Board	\$36,700	BL	
BL031	Promoting BC Raised & BC Processed Beef	Little Valley Farms	\$36,000	BL	
BL033	Promote CERTIFIED BC BEEF: Born, Raised & Processed in BC	BC Association of Cattle Feeders	\$10,250	BL	
BL035	BC Lamb Promotion - Website, Social Media & Marketing Materials	BC Sheep Federation	\$5,000	BL	2
BL038	Marketing West Coast First Nations Seafood	Nuu-chah-nulth Tribal Council	\$25,000	BL	
INN074	Non-Antibiotic Antimicrobial Control of BRD within a Low-Incidence Beef Cattle Program	Bovicor Pharmatech Inc.	\$207,000	CBCAIP	
INN090	Demonstrating the Beneficial Effect of Purified Natural Proteins as a Feed Additive for Honey Bee Colonies	Neova Technologies Inc.	\$167,170	CBCAIP	
INN112	Demonstration of Aerial Infared Thermography for Improved Cattle Management	Thompson Rivers University	\$112,200	CBCAIP	1
LWTI083	City of Abbotsford Farmed Animal Mass Carcass Disposal Tabletop Exercise	City of Abbotsford	\$6,910	LWTI	
LWTI087	Thompson-Nicola Regional District Farmed Animal Mass Carcass Disposal Tabletop Exercise	Thompson-Nicola Regional District	\$18,831	LWTI	
LWTI089	GIS Study to Determine Possible Sites for Emergency Mass Livestock Carcass Disposal in the Regional District of Fraser-Fort George	Regional District of Fraser-Fort George	\$31,920	LWTI	
LWTI090	Site Investigation & Permitting for Emergency Burial of Farmed Animal Carcasses at Cecil Lake & Rose Prairie Closed Landfills	Peace River Regional District	\$120,719	LWTI	
LWTI091	GIS Study to Determine Possible Sites for Emergency Mass Livestock Carcass Disposal in the Regional District of East Kootenay	Regional District of East Kootenay	\$29,610	LWTI	

APPROVED LIVESTOCK PROJECTS PRIMARY AGRICULTURE

FILE NO.	PROJECT TITLE	PROJECT LEAD	IAF'S SHARE	FUNDING PROGRAM*
LWTI094	Farm Animal Mass Carcass Disposal Emergency Plan: Exercises Summary & Next Steps	Justice Institute of BC	\$9,996	LWTI
RTF024	First Nations Beef Market Research Project	First Nations Agricultural Association	\$88,200	RTF
RTF025	Building Unity Between BC Producers & Processors	BC Association of Cattle Feeders	\$153,535	RTF
RTF027	Carbon Soil Sequestration; Implementing a Natural Capital Program for Working Ranches	Grasslands Conservation Council of BC	\$121,380	RTF
RTF028	Forage Supply - Okanagan & Cascades Pilot	BCCA Program Delivery Inc.	\$92,400	RTF
51011	T1 Coliphage as a Virus Surrogate Model for the Assessment of Processing Plants' Effluent Disinfection Efficacy	BC Salmon Farmers Association	\$32,116	AQUA
SP201	Use It All - Poultry Offal Demonstration Project	Passmore Poultry Pluckers Inc.	\$8,350	SNF
SP213	Canadian Junior Angus Association Showdown 2013	Saskatchewan Angus Association	\$3,025	SNF
W0200 NS0381	Genetic Analysis of Mink Populations Differing in Response to Infection by the Aleutian Mink Disease Virus	Canada Mink Breeders Association	\$14,941	СААР

APPROVED LIVESTOCK PROJECTS VALUE ADDED/PROCESSING

LWTI087	Thompson-Nicola Regional District Farmed Animal Mass Carcass Disposal Tabletop Exercise	Thompson-Nicola Regional District	\$18,831	LWTI	FILE NO.	PROJECT TITLE	PROJECT LEAD	IAF'S SHARE	FUNDING PROGRAM*
LWTI089	GIS Study to Determine Possible Sites for Emergency Mass Livestock Carcass Disposal in the Regional District of Fraser-Fort George	Regional District of Fraser-Fort George	\$31,920	LWTI	INN092	Innovation in Cultured Dairy Processing to Increase BC Dairy Consumption	Canadian Cultured Dairy Inc.	\$171,850	CBCAIP
LWTI090	Site Investigation & Permitting for Emergency Burial of Farmed Animal Carcasses at Cecil Lake & Rose	Peace River Regional District	\$120,719	LWTI	INN098	Commercialization of Innovative Products, Technologies & Practices for SME Cheese Processors	Terroir Cheese Ltd.	\$250,000	CBCAIP
	Prairie Closed Landfills				INN102	Develop the Technology to Produce a Prebiotic from Milk Permeate	Vitalus Nutrition Inc.	\$94,100	CBCAIP
LWTI091	GIS Study to Determine Possible Sites for Emergency Mass Livestock Carcass Disposal in the Regional District of East Kootenay	Regional District of East Kootenay	\$29,610	LWTI	INN105	Investigating Benefits of Supple- menting Broiler Chicken Pellets with Poultry Litter Biochar	BC Agriculture Research & Development	\$34,500	CBCAIP
LWT1092A	GIS Study to Determine Possible Farm & Central Sites for Emergency Mass Livestock Carcass Disposal in	VRK Consulting Inc.	\$11,760	LWTI	RTF026	BCCA Value-Chain Development Project	Corporation BCCA Program Delivery Inc.	\$281,657	RTF
LWTI092B	the Cariboo Regional District GIS Study to Determine Possible Farm & Central Sites for Emergency Mass Livestock Carcass Disposal in	McElhanney	\$19,425	LWTI	W0207 BC0207	Enhancing Responsiveness of the Dairy industry to processor and consumer needs	BC Milk Marketing Board	\$159,427	CAAP 2
	the Cariboo Regional District					eement pending; [2] Project approved ing Program legend on p.10	but later withdrawn or terr	ninated;	

"At Hopcott Farms we were so excited to be part of the Buy Local program delivered by IAF. The program helped us share our passion for local food and the story of our family farm."

Sarah Hopcott, Hopcott Farms

PAN AGRICULTURE

Not all agricultural initiatives and projects fit neatly into "plant" or "animal" categories. Some cross multiple commodity groups, while others are designed to broadly assist the entire agriculture and processing sectors. In 2013, more than 20 new projects were approved for over \$830,000.

The Foundation often funds projects led by local governments where the intent is to make agriculture more viable or address urban/rural interface issues.

BUY LOCAL PROVIDES A MARKETING BOOST

When the government of British Columbia decided to invest \$1.5 million to help BC producers and processors promote local foods, the Investment Agriculture Foundation took on the challenge to ensure funds were delivered to industry effectively and efficiently. Within just over a year, IAF staff assisted with applications and approved funding to 38 different projects led by local agriculture and agri-food businesses and organizations to boost their marketing efforts.

The extra funding was a boon for local producers and agri-tourism destinations like Coastal Black Estate Winery on Vancouver Island. The award-winning winery and berry farm received \$16,300 in Buy Local funding to expand its marketing approach to achieve greater consumer awareness of their products.

"The funding meant we were able to really focus on our local advertising targets, and extend our reach beyond what we are normally able to do," says Abel O'Brennan,

owner and winemaker.

"We saw a huge increase in traffic at the tasting room over the year before. It's hard to calculate the synergies that develop from that, but there is definitely long-term value from this program for us."

The BC New Tree Fruit Varieties Development Council invested \$50,000 from the program into expanding markets and promoting one of the BC apple industry's great homegrown success stories – the Ambrosia apple.

"Trying to find money for promotions when farmers are having such a tough time isn't always easy," says Bruce Currie, chair of the New Tree Fruit Varieties Development Council. "The matching funding made it possible for us to attend many more venues within BC and interact with a lot more consumers in areas that haven't had as much exposure to Ambrosia apples like northern BC and Vancouver Island."

The council used the funds to enhance a consumer awareness campaign for the apple including tastings at public events, and new signage and educational materials. The campaign also has a strong online presence, including the renewal of the ambrosiaapples.com website with videos of growers and chefs, along with a social media campaign.



Helping BC food producers and processors increase the use of BC agrifoods in the domestic marketplace through the Buy Local Program or access international opportunities through the BC Agrifoods Export Program, are also Foundation priorities that cross multiple sectors.

Several broadly-based strategic initiatives continued through 2013, including those aimed at developing Agroforestry practices, supporting the organics and processing sectors, addressing environmental issues, and more.

2013 marked the final year of the Organic Sector Development Program Strategic Initiative, delivered by the Certified Organic Associations of BC. Almost 40 projects were completed under this initiative, tatalling investments of even \$750,000

totalling investments of over \$750,000.

The Agroforestry Industry Development Initiative also came to a close in 2013. The initiative was delivered by the Federation of BC Woodlot Associations. In total, 17 projects were completed totalling an investment of more than \$300,000.

Both of these initiatives were funded through Agriculture and Agri-Food Canada's Canadian Agricultural Adaptation Program. For Hopcott Farms, \$16,883 in Buy Local funding helped the third-generation family farm share their story with consumers and promote their locally-raised beef.

"The video and advertising we produced with the aid of Buy Local funding, along with the special events we hosted at our farm created new opportunities to interface with our community," says Sarah Hopcott. "Helping the public get to know their local farmers is good for business and good for the agriculture community as a whole."

Funding: \$1.5 million through the BC Government's Buy Local Program.

APPROVED PAN AGRICULTURE PROJECTS

			IAEIS	FUNDING
FILE NO.	PROJECT TITLE	PROJECT LEAD	IAF'S SHARE	FUNDING PROGRAM*
A0724 ES	The (Sm)art Farm Project - Market Research & Model Development	Deer Crossing – The Art Farm Society	\$30,000	CAAP
A0734 ES	Organic Sector Resource Toolkits	Certified Organic Associations of BC	\$21,672	AFFF
A0738	BC's Agricultural Fairs & their Impact in BC Communities	BC Association of Agricultural Fairs & Exhibitions	\$20,200	СААР
AF014- A136	Aligning Data on BC's Processors with the Latest Retailer Needs	BC Food Processors Association	\$34,205	AFFF
AF014- A137	Gap Analysis of Food & Beverage Sector Strategies & Priorities	BC Food Processors Association	\$49,000	AFFF
BL010	North Cariboo Farm Country, Grown For You, Branding Expansion & Awareness Project	Quesnel Community & Economic Development Corporation	\$22,000	BL
BL012	Farm Recipes & Kitchen Secrets from the Alberni Valley	Port Alberni Farmers Market Association	\$5,000	BL 2
BL013	Grow Local - Buy Local - Eat Local	Sooke Region Food Community Health Initiative Society	\$5,600	BL
BL020	Making It Official: Farm-to-Table Program Helps Farmers & Chefs Tie the Knot	Tourism Kelowna Society	\$100,000	BL
BL025	Vernon Farmers Market Growth through Social Media	Vernon Farmers Market Association	\$10,000	BL
BL030	Buy Local Campaign "Celebrates the Heart of our Community"	White Rock Farmers' Market Society	\$20,000	BL
BL036	Buy BC Foods Promotional Campaign	BC Food Processors Association	\$65,000	BL
BL037	Farmers' Markets: The Source for Local Food	BC Association of Farmers' Markets	\$85,000	BL
BL039	Local Farmers & Local Chefs in the Surrey/Langley/North Delta Area Collaborating on Marketing & Programming to Spotlight Local, Seasonal Agriculture	Surrey Urban Farmers Market Association	\$7,000	BL
BL041	Local Farms/Local Foods	Victoria Downtown Public Market Society	\$19,843	BL
EX005	Food Trade Shows	Nana's Kitchen & Hot Sauce Ltd.	\$14,912	EX 1
INN087	Path to Commercialization Pilot II - A Guided Process for BC Food & Beverage Manufacturing Entrepreneurs	BC Food Processors Association	\$15,000	CBCAIP
INN100	Stimulating Healthy Eating Pilot Program – Food Industry Action Towards Nutritional Improvement	BC Food Processors Association	\$85,000	CBCAIP
INN119	Path to Commercialization: Ad- vanced – A guided Process for BC Food & Beverage Manufacturers	BC Food Processors Association	\$36,605	CBCAIP 1
INN122	Natural Sweeteners Encapsulated Pilot	NutraEx Food Inc.	\$75,000	CBCAIP
INN125	Commercialization of the Icicle Food Safety Platform	Burton Software Inc.	\$104,665	CBCAIP
SP218	Food Hub Feasibility Study: A New Model for Cooperative Agricultural Development, Marketing & Education	British Columbia Cooperative Association	\$10,000	SNF
			AND FR	



[1] Legal agreement pending; [2] Project approved but later withdrawn or terminated; See Funding Program legend on p.10





The Agricultural Area Planning Program provides funding to bring local governments and the agricultural community together to develop a local, shared vision for the future of agriculture and improve the viability of farming in municipalities and regional districts around British Columbia.

Since 1999, 46 projects aimed at creating or updating agricultural area plans have been approved for funding including eight new ones in 2013.

The Regional District of Nanaimo and Tsawwassen First Nation completed projects in 2013, bringing to 31 the number of plans completed with funding support through the Foundation.

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. More than ten new projects were approved in 2013, totalling a commitment of almost \$85,000.

A recent policy change was made to clarify funding for producer education events. These may be eligible if they deal with an urgent issue that requires immediate attention, such as a regulatory change or a pest or disease management issue, but recurring events are not. The demonstration of new practices may also qualify, as will small applied research projects and market research for a sector.

Funding can be provided through any of the programs the Foundation 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.

EMERGING SECTORS INITIATIVE

In 2010, the Foundation established the Emerging Sectors Initiative to work with groups and individuals attempting to expand the frontiers of agriculture into new areas. Interest has been high, with many clients approaching the Foundation for the first time.

Since then, 22 new projects - ranging from apiculture and goats to small lot agriculture and bioproducts – were approved for approximately \$600,000 in funding.

BOARD INITIATIVES

High priority issues of a cross-sectoral or pan-agricultural nature do not always have an industry champion with the necessary resources to lead on a strategic initiative or project. In this case, the Foundation is sometimes asked to partner with industry or assume 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 the Foundation's mandate and funding principles. Examples of this type of activity include the ongoing Small Projects and Agricultural Area Planning programs and the Emerging Sectors Initiative.

FUNDING PROGRAM LEGEND ACAAF Advancing Canadian Agriculture & Agri-Food (Agriculture & Agri-Food Canada, former federal adaptation program) AFFF Agri-Food Futures Fund, a trust funded under a former federal-provincial Safety Nets framework. AQUA Aquaculture Innovation Fund (BC Ministry of Agriculture) BL BC Government's Buy Local Program (BC Ministry of Agriculture) CAAP Canadian Agricultural Adaptation Program (Agriculture & Agri-Food Canada) CBCAIP Canada-BC Agri-Innovation Program (Agriculture & Agri-Food Canada and the BC Ministry of Agriculture through the Growing Forward 2 Initiative) ΕX





- BC Agrifoods Export Program (Agriculture & Agri-Food Canada and the BC Ministry of Agriculture through the *Growing Forward 2 Initiative*)
- Livestock Waste Tissue Initiative LWTI (Agriculture & Agri-Food Canada and the BC Ministry of Agriculture)
- PIB/ERP Poultry Industry Biosecurity/Emergency Response Program (Agriculture & Agri-Food Canada and the BC Ministry of Agriculture)
- Ranching Task Force Funding Initiative RTF (Agriculture & Agri-Food Canada and the BC Ministry of Agriculture through the Agricultural Flexibility Fund)
- former federal/provincial Safety Nets framework SNF
- TFMIII Tree Fruit Market & Infrastructure Innovation Initiative (Agriculture & Agri-Food Canada and the BC Ministry of Agriculture through the Agricultural Flexibility Fund)

COMPLETED PAN AGRICULTURE PROJECTS

Production Technologies & Knowledge Dissemination to Promote Develop- ment of Microbial Biopesticides & Parasitoids for BC AgriculturePolytechnic UniversityPolytechnic UniversityA0683Thompson Shuswap Food ConnectionsCommunity Futures Development Corporation of Thompson Country\$38,796SNFBL020Making It Official: Farm-to-Table Program Helps Farmers & Chefs Tie the KnotTourism Kelowna Society\$100,000BLBL025Vernon Farmers Market Growth through Social MediaVernon Farmers' Market Association\$10,000BLBL030Buy Local Campaign "Celebrates the Heart of our Community"White Rock Farmers' Market Society\$20,000BLS0011- C146Small-Scale Organic Certified Organic Associations of BC\$41,198CAAPSP199 ESOrganic Sector Strategic Planning SessionCertified Organic Associations of BC\$9,744AFFF	FILE NO.	PROJECT TITLE	PROJECT LEAD		FUNDING PROGRAM*
ConnectionsDevelopment Corporation of Thompson CountryBL020Making It Official: Farm-to-Table Program Helps Farmers & Chefs 	INN039	Production Technologies & Knowledge Dissemination to Promote Develop- ment of Microbial Biopesticides &	Polytechnic	\$162,003	CBCAIP
Program Helps Farmers & Chefs Tie the KnotSocietyBL025Vernon Farmers Market Growth through Social MediaVernon Farmers' Market Association\$10,000BLBL030Buy Local Campaign "Celebrates the Heart of our Community"White Rock Farmers' Market Society\$20,000BLS0011- C146Small-Scale Organic 	A0683		Development Corporation of	\$38,796	SNF
BL030Buy Local Campaign "Celebrates the Heart of our Community"White Rock Farmers' Market Society\$20,000BLS0011- C146Small-Scale Organic 	BL020	Program Helps Farmers & Chefs		\$100,000	BL
Soull- C146Small-Scale Organic Certification ResearchCertified Organic Associations of BC\$41,198CAAPSP199 ESOrganic Sector Strategic Planning SessionCertified Organic Associations of Sould Sector StrategicSector Strategic Associations of Sould Sector StrategicSector Strategic Associations of Sould Sector StrategicSector Strategic Associations of Sould Sector StrategicSector Strategic Associations ofSector Strategic Sector StrategicSector Strategic Associations ofSector Strategic Sector StrategicSector Strategic Sector StrategicSector Strategic Associations ofSector Strategic Sector StrategicSector Strategic Sector Strateg	BL025		· cillion · annens	\$10,000	BL
C146 Certification Research Associations of BC SP199 ES Organic Sector Strategic Certified Organic \$9,744 AFFF Planning Session Associations of	BL030			\$20,000	BL
Planning Session Associations of		3	5	\$41,198	СААР
	SP199 ES		Associations of	\$9,744	AFFF

COMPLETED CROP PROJECTS PRIMARY AGRICULTURE

					AI
FILE NO.	PROJECT TITLE	PROJECT LEAD	IAF'S SHARE	FUNDING PROGRAM*	BL
A0602	Green Roof Plants: Establishment, Viability & Maintenance, Elevated Research Platform Dual Track Research Project	BC Landscape & Nursery Association	\$108,172	СААР	BL
A0642	Advanced Forage Management - A Sustainable Guide for Temperate Areas	Pacific Field Corn Association	\$28,616	SNF	LV
A0659	Characterization, Detection & Vector Identification of Blueberry Premature Fruit Drop & Blueberry Mosaic Virus	BC Blueberry Council	\$12,000	СААР	LV
A0706	Innovative Methods for Determining Factors Contributing to Raspberry Yield Decline over Multiple Years of Production	Raspberry Industry Development Council	\$20,000	СААР	LV
BL024	BC Tree Fruits Buy BC Program	BC Tree Fruits Cooperative	\$20,000	BL	LV
BL040	Meet the Locals - Warba Potatoes Have Arrived!	BC Fresh Vegetables Inc.	\$16,000	BL	LV
INN063	Development of a Personal-Bin Moving System for High Density Orchards & Vineyards	Robert Neville	\$21,876	CBCAIP	RT
SP194	Improving Spider Mite Control for Potatoes	BC Potato & Vegetable Growers Association	\$4,550	СААР	SI
SP195	Control of Aphid-Vectored Non- Persistent Viruses for Conventional & Organic Seed Potato Production	BC Potato & Vegetable Growers Association	\$10,000	СААР	SI
SP197 ES	Pilot Project to Initiate a Germ Plasm Bank for Selected Plants with Potential	Kwantlen Polytechnic	\$9,180	SNF	SF
	to be New Crops for BC Agriculture - 1. Establishment of a Source of High Quality Seed from the Rubber-Bearing Plant Scorzonera tau-saghyz (STS)	University			SP SP
SP198	Developing a Degree Day Model to Predict Egg Hatch & Timing of	Raspberry Industry Development	\$7,391	СААР	
	Insecticide Drenches for Raspberry	Council			W OI

COMPLETED CROP PROJECTS VALUE ADDED/PROCESSING

FILE NO.	PROJECT TITLE	PROJECT LEAD	IAF'S SHARE	FUNDING PROGRAM*
INN013	Demonstration & Feasibility Report of a Mobile Continuous Vacuum Microwave Drying (CVMD) Process with a Commercial Raspberry Crop	NuWave Research Inc.	\$95,948	CBCAIP
INN015	Nitrogen Generation for Creation of Controlled Atmosphere in Winery Processing to Reduce Use of Sulphur Dioxide in Wine Production & Increase Quality & Shelf-Life of the Wine	Summerhill Estate Winery Co.	\$65,731	CBCAIP
SP190 ES	Adaptation of Premium Sake Rice Varieties to the Fraser Valley	Artisan SakeMaker Inc.	\$4,994	СААР
TFM029	Cherryscan Electronic Defect Grader	Carcajou Fruit Company Ltd.	\$25,000	TFMIII
W0162 ES MB0406	Investigation of Material Properties & Performance of Natural Fibre Derived Biocomposites in an Automotive Application	Composites Innovation Centre Manitoba Inc.	\$28,647	СААР

COMPLETED LIVESTOCK PROJECTS PRIMARY AGRICULTURE

	FILE NO.	PROJECT TITLE	PROJECT LEAD	IAF'S SHARE	FUNDING PROGRAM*
	A0686	Improved Feeding Management for British Columbia Dairy Herds	CanWest DHI	\$67,000	SNF
	AIF016	Small Poultry Flock Health, Management & Biosecurity	BC Chicken Marketing Board	\$3,441	PIB/ERP
;	AIP009.04	JSCP Actuarial Services Part A Program Asssessment	J.S. Cheng & Partners Inc.	\$36,278	PIB/ERP
M	BL006	Kawano Farms' Brand Development & Marketing Strategy	Kawano Farms	\$7,625	BL
	BL008	The Family Dinner Table: Engaging Youth in Positive Food Choices	BC Salmon Farmers' Association	\$6,719	BL
	LWTI074	FMD Exercise & Update of the BC Foreign Animal Disease Emergency Support Plan	Smart Risk Control Inc.	\$64,246	LWTI
	LWTI075	GIS Study to Determine Possible Sites for Emergency Mass Livestock Carcass Disposal in the Comox Valley Regional District	Comox Valley Regional District	\$17,447	LWTI
	LWTI078	Regional District of Bulkley-Nechako Farmed Animal Mass Carcass Disposal Tabletop Exercise	Bulkley-Nechako Regional District	\$7,652	LWTI
	LWTI082	Field Team Template for the Disposal of Animal Carcasses in a Foreign Animal Disease Response	Risk Reduction Strategies	\$15,764	LWTI
	LWTI086	Evaluation of Changing Protocol #1 Siting Criteria on Available Land Suitable for Emergency Landfilling of Carcasses	McElhanney	\$8,568	LWTI
	RTF012	Producer Field School Series: Engaging with Specialists in Applications for the Cariboo	Cariboo Cattle- men's Association	\$29,750	RTF
	S1008	Nanaimo Rainbow Trout Production Facility based on the Canadian Model Aquafarm Concept	Taste of BC Aquafarms Inc.	\$82,500	AQUA
	SI011	T1 Coliphage as a Virus Surrogate Model for the Assessment of Processing Plants' Effluent Disinfection Efficacy	BC Salmon Farmers Association	\$31,900	AQUA
	SP192	Guided Learning Support Material for Dairy Production Technician 1 - Pilot	HortEducationBC	\$4,991	SNF
	SP201	Use It All - Poultry Offal Demonstration Project	Passmore Poultry Pluckers Inc.	\$7,644	SNF
	SP213	Canadian Junior Angus Association Showdown 2013	Saskatchewan Angus Association	\$3,025	SNF
	W0187	Provincial Dairy Farmers - Leveraging	Dairy Farmers	\$7,799	CAAP

SP217	Pure Spray for Greenhouse Cucumber Integrated Pest & Disease Management	BC Greenhouse Growers' Association	\$10,000	CAAP
W0156 ON0130	Increasing the Efficacy & Effectiveness of Application of Disinfectants Against Persistent Viruses of Greenhouse Vegetables under Commercial Conditions	Ontario Greenhouse Vegetable Growers	\$20,250	СААР
W0158 ON0153	Enhancing Floriculture Pest Management Practices to Incorporate Risk Reduction & Sustainable Practices to Reduce Biosecurity Threats to the Industry	Agricultural Adaptation Council	\$70,946	СААР
🕆 See Fund	ing Program legend on p.10			

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W0194 ES BC0194	Commercial Application of Non-Surgical Embryo Transfer in Dairy Goats	BC Goat Association	\$23,750	CAAP	

COMPLETED LIVESTOCK PROJECTS VALUE ADDED/PROCESSING

FILE NO.	PROJECT TITLE	PROJECT LEAD	IAF'S SHARE	FUNDING PROGRAM*
A0616	BC Carcass Tracking & Quality Information System	BCCA Program Delivery Inc.	\$272,841	CAAP
INN055	Developing a New Technology & Process for Pork Processing	Donald's Fine Foods	\$49,046	CBCAIP
INN071	Conversion of Agricultural Wastes into Higher-Value Biochar Fuel	Diacarbon Energy Inc.	\$101,071	CBCAIP
RTF007	Access to Retail & Food Service Markets for Locally Produced & Processed Provincially Licensed BC Meat Products	BC Association of Abattoirs	\$117,985	RTF



LAND USE INVENTORY SHEDS NEW LIGHT ON TERRACE AGRICULTURE

The Greater Terrace area has a rich history of successful agriculture. When the City of Terrace and the Regional District of Kitimat-Stikine decided to partner in developing an agricultural area plan for the Greater Terrace region, they started by gathering baseline data to inform the planning process by completing an Agricultural Land Use Inventory (ALUI).

"If agriculture opportunities are to continue in the community and even be expanded, it is important that the assets and limitations of the agricultural land base are understood so they can be addressed," says Ted Pellegrino, a planner with the Regional District of Kitimat-Stikine.

"Improving our understanding of the spatial patterns of agriculture in the Terrace area is important so we can identify challenges and opportunities as we move forward with land use plans for our area. This is also an important public document that is available to those interested in agriculture," he adds.

The results of the Agricultural Land Use Inventory revealed an interesting trend in food production in the area. Where historically farming was done on traditional, large acreage farms with good soils, more recent agricultural activities are being established on smaller lots in rural subdivisions in and around the City of Terrace.

"The attraction is largely based on the land availability opportunities of these lots rather than the capability of the soil for farming which was the historic relationship," says Pellegrino. "The ALUI revealed that agriculture on small acreages is a significant contributor to local food production and creating land availability opportunities is key in our area."

Funding: \$9,571 through the former federal-provincial Safety Nets framework. (A0675)

APPROVED AGRICULTURAL AREA PLAN PROJECTS

FILE NO.	PROJECT TITLE	PROJECT LEAD	IAF'S Share	FUNDING PROGRAM*
A0726 ES	Canim Lake Band - Community Agriculture Development Plan	Canim Lake Band	\$10,500	СААР
A0732 ES	Feasibility of Agricultural Development Tobacco Plains Indian Band & Grasmere BC Community	Tobacco Plains Indian Band	\$33,250	CAAP
A0735	RDBN Agricultural Land Use Inventory	Bulkley-Nechako Regional District	\$11,200	SNF
B0016.37	Sunshine Coast Agricultural Area Plan Stages II & III	Sunshine Coast Regional District	\$31,000	SNF
B0016.38	Township of Langley Agricultural Viability Strategy (Part 2 of Phase 3)	Township of Langley	\$16,981	SNF

"We would not have undertaken an Agricultural Land Use Inventory without IAF funding. The area (Greater Terrace) defined for the Plan is a large area but made sense to consider as one geographic unit for planning purposes, both from the local government perspective and from the perspective of the "local" or "Terrace Area" producer. Other funding was not available to provide this key information component. Improving our understanding of the spatial patterns of agriculture in the Terrace area is important so we can identify challenges and opportunities as we move forward with land use plans for our area. This is also an important public document that is available to those interested in agriculture."

Ted Pellegrino, Regional District of Kitimat Stikine

OUR BOARD OF DIRECTORS

Ken Bates Chair Represents: Field Vegetables, Berries & Mushrooms Paging: Lower Mainlar

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Paula Brown, PhD Represents: Emerging Sectors Region: Lower Mainland

Irmi Critcher Vice Chair

Represents: Grains, Dilseeds & Forage Region: Peace River

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Rick Gagner, сма Represents: Post Farm Gate Sector Region: Lower Mainland

Bar Hayre Represents: Farm Supply Region: Fraser Valley

Alistair Johnston Represents: Post Farm Gate Region: Fraser Valley

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Bert Miles Represents: Greenhouse, Floriculture & Nursery Region: North Okanagar

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nmunity Agriculture ion: Central Interior

and the state of t

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Rick Van Kleeck, PEng Program Manager, Livestock Waste Tissue Initiative

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Judy Jacklin, смА Manager, Finance & Operations

Elaine Burgess Administrative Officer 8 Secretariat to the Board

Christopher Reed Program Analyst

Tracy Cooper Accounting Assistant

Communications Team

B0016.39	Regional Agricultural Area Plan	Regional District of North Okanagan	\$45,000	SNF	
B0016.40	Agriculture Land Use Inventory for the South Cariboo & Lac La Hache Official Community Plans	Cariboo Regional District	\$6,686	SNF	
B0028.01	Bonsall Creek Watershed Area Management Plan	Municipal District of North Cowichan	\$70,000	SNF	
COMPLET	ED AGRICULTURAL AREA PLA	NS & RELATED PROJ	ECTS		
FILE NO.	PROJECT TITLE	PROJECT LEAD	IAF'S Share	FUNDING PROGRAM *	
A0685 ES	Agricultural Strategy for Tsawwassen First Nation	Tsawwassen First Nation	\$22,500	AFFF	
B0016.30	Regional District of Nanaimo – Area Agricultural Plan	Regional District of Nanaimo	\$37,806	SNF	
See Funding Program legend on p.10					

Region: Fraser Valley

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