

## PROCINORTE

### DRAFT 2018 Annual Workplan & Budget

Member	Specific Objective	Planned Activities	Expected Results	Date	Venue	Delivery Instrument	Resource Implications	Funding Mechanism	Participants
<b>SECRETARIAT</b>	To implement approved Monitoring & Evaluation Plan	Support administrative and logistical support to Task Force.	Timely and smooth implementation of TF activities.	Year long	IICA Canada	Virtual Meetings, Planning, Coordination and information sharing.	20% Time	IICA Core (In-Kind)	Audia Barnett
	To implement the approved Communications Plan.	See Communications Plan	Increased knowledge and awareness of PROCINORTE and increased collaborations.	Year long	IICA Canada	Mixed – Electronic, Briefs, Meetings	\$1,500	IICA Core (In-Kind)	Audia Barnett
	To maintain website	Uploading on information from Task Forces & related networks, organizations. Registration Fee.	Increased knowledge and awareness of PROCINORTE and increased collaborations.	Year long	IICA Canada	New Website	\$250	IICA Core (In-Kind)	Audia Barnett
	To review activities and accomplishments and plan for following year.	XX Meeting Board of Directors of PROCINORTE	Members approve work plan of Task Forces.	Nov. 2018	Washington D.C., USA.	Meeting	\$3,500	Related meeting expenses (Official dinner, breaks and lunches for 2 days) and collaboration for a Mexican participant.	Audia Barnett
	<b>SECRETARIAT SUBTOTAL</b>							<b>\$5,250</b>	
<b>TREE FRUIT</b>	Evaluating mango maturity using spectral analysis.		Conduct second season of development and validation of Vis-NIR models for maturity in Ataulfo and Tommy Atkin mangoes.	Nov. 2018 (subject to funding beyond Taskforce's current budget).	Mexico	Field work and data collection	\$2,000	\$2,000 INIFAP, AAFC, ARS/USDA (In-kind) \$2,000 Industry	R. Goenaga S. Salazar, P. Toivonen J. Osuna

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TREE FRUIT	Evaluating avocado maturity using spectral analysis .		Conduct second growing season validation of Vis-NIR model for dry matter of Hass avocado at numerous orchards in different regions of Mexico.	Nov. 2018	Mexico	Report of analysis of data	\$5,000	\$40,000 INIFAP, AAFC, ARS/USDA (In-kind) \$10,000 Industry	R. Goenaga S. Salazar, P. Toivonen J. Osuna
	Initiate training of avocado packing house staff on the use of the Vis-NIR spectrometer to predict dry matter.		Avocado packing house quality assurance personnel will be capable of using the Vis-NIR spectrometer with the INIFAP model for monitoring dry matter of avocado from different orchards	Nov. 2018	Mexico	Training material & list of participants	\$5,000	\$20,000 AAFC, INIFAP, USDA/ARS (In kind) \$10,000 Industry	R. Goenaga S. Salazar, P. Toivonen J. Osuna
	Evaluating sweet cherry quality using spectral analysis.		Disseminate results from 2016-17 at cherry industry meetings to inform and gain interest for adoption for use.	Nov. 2018	BC., Canada	Field work and data collection	\$--	\$10,000 INIFAP, AAFC, ARS/USDA (In-kind) \$3,000 Industry	P. Toivonen
	Evaluating apple maturity using spectral analysis.		Validate model for dry matter content of apples at harvest maturity under field conditions	Nov. 2018	BC., Canada	Field work and data collection	\$--	\$10,000 INIFAP, AAFC, ARS/USDA (In-kind) \$3,000 Industry	P. Toivonen
	Improve and update the taskforce web site.		Disseminate Taskforce accomplishments	April 2018	Website	Website Documents	\$-	\$7,000 INIFAP, AAFC, USDA/ARS	R. Goenaga, S. Salazar, P. Toivonen, and J. Osuna
	Task Force Meeting		Discuss current research progress; Prepare Action Plan 2018	July- Aug. 2018	USA	Analysis of results, Report, 2019 Work plan	\$8,000	8,000 INIFAP, AAFC, USDA/ARS	R. Goenaga, S. Salazar, P. Toivonen, and J. Osuna,
	<b>TREE FRUITS SUBTOTAL</b>						<b>\$20,000</b>		



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PLANT HEALTH	A 2 1/2-day workshop for 20 – 30 scientists & regulators from the three countries. The workshop will focus on Hemipteran insect pests and diseases that are vectored by them. The pests targeted will include: bagrada bug; kudzu bug; brown marmorated stink bug; pepper weevil; and ambrosia beetle. Tree fruits and small fruits will be the target hosts of the vectored viruses. In the case of the ambrosia beetle, Fusarium will be the vectored disease organism.		<p>Networking of scientists.</p> <p>Increased harmonization of protocols for identification of insect pests.</p> <p>Increased coordination in the approach to management of insect pests and insect-vectored diseases</p>	Mid - Late Sept, 2018	Mexico	A three-day workshop	\$12,000 (US) to support travel of 10-15 scientists from various locations in Mexico to attend the workshop along with delivery of the workshop \$3,000.	In kind support from ARS/USDA and from AAFC is expected to be approximately \$15,000 US each.	José Lopez, INIFAP National Project Lead (NPL) for Plant Health is the primary contact for the Mexico meeting
	Sponsor participation at Entomology 2018		Networking of scientists and exchange of knowledge; promotion of PROCINORTE	Nov. 11-14, 2018	Vancouver, B.C.	Proceedings. Report; Recommendations for TF	\$3500 for travel, accommodation, meals		José Lopez, INIFAP
	Sponsor participation at NAPPO 2018		Networking, exchange of knowledge; promotion of PROCINORTE	October/Nov. DATE TBD	Tucson, AZ.	Report.	\$1,000 (US) for travel, accommodation, meals		USDA National Project Lead (NPL) for Plant Health (Currently Rose Hammond)
	<b>PLANT HEALTH SUBTOTAL</b>							<b>\$19,500.00</b>	

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NORGEN	Workshop to develop curriculum to train future genebank managers hosted by the USDA/ARS National Laboratory for Genetic Resources Preservation and Colorado State University.	Enhanced cooperation among Canada, Mexico, and the US to train the next generation of plant genetic resource managers	April 2018	Ft. Collins, CO, US	Workshop	\$ 5,000: Travel costs for Mexican and Canadian participants	USDA \$ 39,000 from NIFA grant for holding meeting and travel costs supported by hosting country	P. Bretting et. al
	National Plant Germplasm System, Plant Germplasm Operations Committee Meeting at Washington DC, US	Enhanced cooperation among US, Mexico and Canada to improve the effectiveness of plant genetic resource management	Date - TBD	TBD	Workshop	\$ 5,000: Travel costs for three Mexican participants	USDA/AAFC: \$ 12,500. For meeting in hosting country USA and travel costs for three Canadian participants.	P. Bretting et. al.
	Case Study on Movement of Indigenous Bean Genetic Resource within Northern Region	Enhanced cooperation for indigenous genetic resources in USA, Canada & Mexico	Sept. 2018	Quebec	Case Study	\$ 5000: Study & travel for Mexican producer.	USDA/AAFC/INIFAP : \$ 10,000.	F. De La Torre Sanchez
	<b>NORGEN SUBTOTAL</b>						<b>\$15,000.00</b>	

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ANIMAL HEALTH	Enhanced cooperation among Mexico, US and Canada	Workshop and TF Meeting (Diseases to be covered at 2017 Workshop: * Bluetongue * Bovine * Babesiosis ("Cattle Tick Fever") * Equine Piroplasmosis * Epizootic Hemorrhagic Disease	Scientists are updated on issues related to priority animal diseases.	Sep. 2018	Mexico	workshop	\$15,000	In kind support from ARS/USDA and from CFIA anticipated	C. Gay J. Lopez E. Loza
	To bring together colleagues worldwide with interests on natural antimicrobial (antimicrobial peptides, essential oils, polyphenols, phages).	Antimicrobial: food, veterinary and medical applications	To unveil the added values of these compounds in medical, food, and veterinary areas.	TBD, 2018		Attendance to the symposium	Self financing	In kind support from ARS/USDA and from CFIA anticipated	C. Gay J. Lopez E. Loza
ANIMAL HEALTH	To have a current summary of emerging animal diseases with potential impact on trade between the northern countries.	To review and update document prepared in 2016 by the AHTF.	Revised summary document with up-to-date information on current and emerging animal diseases of trilateral interest to trade.	June 2018	Mexico, Canada, USA	Virtual meeting	--	-	C. Gay J. Lopez E. Loza

	To conduct research projects of trilateral interest.	Continued activities on 2 projects : Use of IFN-expressing vectors in control of Nipah and Ebola viruses in swine” and “Collaborative Research on Vesicular Stomatitis Diagnosis and Epidemiology”	Work plan implemented according to research objectives.	March 2018	Canada, USA, Mexico	Research Activities, Visit	In-kind support by PROCINORTE	\$82K USDA-ARS	C. Gay J. Lopez E. Loza
	To conduct New research project proposals received as a result of the October 2016 workshop	1)North American Risk Assessment of Bluetongue, Epizootic Hemorrhagic Disease and Culicoides vectors 2)Development of strategies to control tick-borne babesial pathogens of livestock	Work plan implemented according to research objectives.	December 2018	Canada, USA, Mexico	Research Activities, Visit	In-kind support by PROCINORTE	\$82K USDA-ARS	C. Gay J. Lopez E. Loza
<b>ANIMAL HEALTH SUBTOTAL</b>							<b>\$15,000.00</b>		
<b>GRAND TOTAL 2017=</b>							<b>\$74,750 USD</b>		