



NAPPO

North American Plant Protection Organization
Organización Norteamericana de Protección a las Plantas
MEXICO - USA - CANADA

2023 NAPPO Work Program

Dear NAPPO stakeholders,

- Enclosed is the 2023 NAPPO Work Program, as endorsed by the NAPPO Executive Committee (EC).
- The 2023 Work Program consists of thirteen (13) projects.

The information in the tables below is organized as follows:

TABLE 1 - New, ongoing, and permanent projects.

TABLE 2 - Waitlisted projects and projects currently on hold. These projects may commence as projects listed in TABLE 1 are completed and as approved by the Executive Committee.

TABLE 3 - Projects completed in 2022.

TABLE 1 - New, ongoing, and permanent projects				
No.	Area of Interest	Project Title	Details/updates	Expert Group
1	NEW <i>Tuta absoluta</i>	Discussion document on how NAPPO member countries should prepare for the threat posed by this pest	<ul style="list-style-type: none">• Outline NAPPO member country phytosanitary requirements• Highlight impacts on regional trade.• Develop a forward-looking harmonized response for North America.	<i>Tuta absoluta</i>
2	NEW Alternatives to Methyl Bromide	Discussion document on to share information regarding alternative treatments for MeBr, with a possible goal of creating an agreed position aligned to international standards	<ul style="list-style-type: none">• Identify the major uses of MeBr for all three NAPPO member countries (e.g. commodity, quantity).• Collate existing research and alternative treatments.• Identify priority MeBr alternative treatments that can be used by all three NAPPO member countries.• Identify gaps and opportunities for collaboration.• Identify the priority areas that would benefit from information sharing, as well as monitoring, evaluating, and supporting promising alternative treatments.• Consider what is occurring in other fora, so we avoid redundancy and to ensure linkages.	MeBR

TABLE 1 - New, ongoing, and permanent projects

No.	Area of Interest	Project Title	Details/updates	Expert Group
			<ul style="list-style-type: none"> Identify policy level factors that may affect the implementation of alternative treatments. 	
3	NAPPO standard operating procedures	Review, update, and finalization of the NAPPO Foundational Documents - FDs	<p>The project has two specific objectives:</p> <ol style="list-style-type: none"> Review and update existing FDs, and Identify additional processes that need an FD and develop the FD. <p>The FDs will include all organizational components and process details involved in conducting the work of NAPPO. The FDs will describe/codify all processes within NAPPO thereby improving the efficiency and conduct of projects, and better inform stakeholders about NAPPO and its regional, hemispheric, and global processes.</p> <p>The FDs will provide guidance to new personnel joining our RPPO and assist the AMC/Secretariat in conducting and implementing the NAPPO work program.</p> <p>Targeted completion 2nd quarter 2024</p>	Advisory and Management Committee (AMC) + NAPPO Secretariat
4	Citrus	Update Discussion Document 05: Management of Huanglongbing (HLB) and its vector	<p>NAPPO experts are updating DD05 to reflect current HLB management, protocols, and policies of all NAPPO member countries that have this pest.</p> <p>Targeted completion 4th quarter 2023</p>	HLB
5	Biological Control	Fundamental review of RSPM 26 - Certification of commercial arthropod BCAs or non-Apis pollinators moving into NAPPO member countries	<p>RSPM 26 was last updated in 2015. The original objective of RSPM 26 was to facilitate the movement of commercial arthropod biological control agents (CABCA) and of non-<i>Apis</i> pollinators (NAP) into NAPPO member countries. However, since it was first developed/approved back in 2006, RSPM 26 has never been fully implemented by NAPPO member countries. While RSPM 26 recommends a certification process, it is silent on certification as an import requirement to be adopted by member countries.</p> <p>A full review of RSPM 26 is required to determine its continued value and consider its feasibility, as well as consider (as applicable and appropriate) any updates that would best meet its objective and current needs (e.g., inclusion of nematodes). The review will address the anticipated benefits of the standard, implementation implications and challenges, as well as possible alternative means (as applicable) for meeting its stated objectives.</p> <p>Targeted completion 3rd quarter 2024</p>	Biocontrol

TABLE 1 - New, ongoing, and permanent projects

No.	Area of Interest	Project Title	Details/updates	Expert Group
6	Forestry	Formation of a forestry quarantine research (FQR) group	The FQR group, comprised of industry, government, and academia subject matter experts from the 3 NAPPO countries, identifies and prioritizes forest quarantine market issues and research needs and facilitates the exchange of forestry information among the 3 NAPPO countries. The FQR group deliberations may identify the need for specific future NAPPO projects (regional standards, diagnostic protocols, discussion and/or science and technology documents, position papers or training workshops) that could be used as models for international standards or implementation resources. These projects can be submitted during the open call for new project proposals. The FQRG met with the AMC in May 2023 to inform on their progress.	NAPPO FQR
7	Seeds <i>ToBRFV</i>	A pilot for harmonization of diagnostic protocols for seed pests focused on <i>ToBRFV</i>	Ring test and data analysis were finalized. The final report was written and presented to the EC for discussion and next steps. <i>Scientific publication will be written.</i> <i>A decision document will be developed and signed by the EC.</i> <i>Targeted completion 4th quarter 2023</i>	Seeds <i>ToBRFV</i>
8	ISPM 25 implementation	Standardization of responsibilities and actions for safeguarding consignments that have transited one NAPPO country to enter another NAPPO country	Draft document will be reviewed at the next EG meeting. Final draft expected 3 rd quarter 2023; country consultation in 2023. <i>Targeted completion 4th quarter 2023</i>	ISPM 25
Permanent Projects				
9	Pest reporting	Phytosanitary Alert System (PAS)	Meet IPPC Pest Reporting Obligations and facilitate awareness, detection, prevention, and management of exotic plant pest species within North America.	PAS
10	International trade	Electronic Phytosanitary Certification	Assistance and technical support to the IPPC ePhyto Steering Group. Provide input to help address exchange, secure transmission, and data standardization.	ePhyto
11	Stakeholder engagement	Annual meeting, newsletter and NAPPO website	Plan, coordinate, deliver NAPPO Annual Meeting Develop and publish the Newsletter 3x/y.	NAPPO Secretariat, with AMC support

TABLE 1 - New, ongoing, and permanent projects

No.	Area of Interest	Project Title	Details/updates	Expert Group
			Upgrade/update NAPPO website as needed.	
12	Regional collaboration	Collaborate with the Interamerican Coordinating Group in Plant Health (GICSV)	Participate/support regional initiatives on topics of importance to RPOs of the Americas. NAPPO participates in virtual working groups (WGs) focusing on information exchange and participation in virtual calls. NAPPO/NPPO experts currently participate in the following WGs: fruit flies, citrus greening, ePhyto, <i>Tuta absoluta</i> , locusts and <i>Fusarium oxysporum</i> TR4. In the near future, the citrus greening and <i>Tuta absoluta</i> WGs will be disbanded and two new WGs – on plant health emergencies and biological control will be launched. Secretariat provides interpretation and occasional translation services.	Experts from NPPOs and NAPPO Secretariat
13	Intra-regional cooperation	Intra-regional cooperation on transboundary pest activities for pests that affect two or more NAPPO member countries	Administrative support on transboundary pest programs affecting two or more NAPPO countries. 1 – Eradication of boll-weevil from the state of Tamaulipas, Mexico <ul style="list-style-type: none"> • APHIS-PPQ develops work program and financial plan, provides the funding, and receives/reviews/accurately certifies payments for Malathion, aerial application, and trapping supplies. • NAPPO Secretariat pays the vendor(s) and informs APHIS-PPQ on each payment date, amount, and invoice number. • APHIS-PPQ writes and submits to NAPPO periodic Cooperative Agreement progress reports. • NAPPO Secretariat prepares and provides year-end financial report and engages/works with independent CPA to perform a yearly Program Specific Audit required by Federal regulations. 2 – Develop management tools (mating disruption, sterile insect technique, etc.) for box tree moth <ul style="list-style-type: none"> • APHIS-PPQ develops the work program with different participating institutions, provides the funding, and approves the subcontract with foreign cooperator. • NAPPO Secretariat subcontracts with the foreign cooperator and accepts and manages APHIS-PPQ funds. • APHIS-PPQ and the foreign cooperator write and submit to 	NAPPO Secretariat

No.	Area of Interest	Project Title	Details/updates	Expert Group
			<p>NAPPO periodic Cooperative Agreement progress and financial reports.</p> <ul style="list-style-type: none"> NAPPO Secretariat prepares and provides year-end financial report. <p>Unusual Features: The most unusual feature of this cooperation is that the Secretariat's role is limited to being a pass-through organization for accepting, safeguarding, and managing APHIS-PPQ funds. Nevertheless, the cooperation meets NAPPO's Strategic Goal 1 which is to – Protect North American plant resources from the introduction and spread of regulated plant pests.</p>	

#	Area of Interest	Project Title	Details/updates	Expert Group - notes
	Lymantriids	Review of selected Lymantriid and other species that could be considered for inclusion in the Asian gypsy moth vessel certification program for North America	<p>Maritime vessels are a known pathway for potential introduction of Lymantriid as well as other insect species. Canada and the United States have intercepted species other than those included in the existing vessel certification program in the last five years. These represent risks to North America that are not specifically mitigated.</p> <p>The project objectives include:</p> <ol style="list-style-type: none"> Understanding the risks of selected species For species identified as high risk, determine whether and how to incorporate them into the existing vessel certification program, including impacts on ongoing, regular reviews of Specified Risk Periods. 	Lymantriids – <i>pending availability of expert's time</i>
	Biological Control	Best practices for collecting, handling, and using biological control agents (BCAs) in North America	<p>Project objective is to provide guidance on best practices for BCAs for the NAPPO region. This includes species native or naturalized to the whole or part of NAPPO countries. Guidance will include:</p> <ol style="list-style-type: none"> Recommendations on sustainable methods for collecting natural enemies that ensure populations are conserved for their continued ecosystem functions. Recommendations on methods to eliminate contaminant organisms (pathogens, parasites, parasitoids) from field-collected natural enemies intended for transport and rearing. 	Biocontrol – <i>pending completion of RSPM 26 update and review of EG membership</i>

TABLE 2 - Waitlisted projects and projects currently on hold

			<ol style="list-style-type: none"> 3. Protocols for rearing genetically diverse cultures of natural enemies for release into nature and commercial agriculture production. 4. Overview of laws and regulations that pertain to the collection, handling, and use of natural enemies (e.g., movement of native species across state/provincial boundaries) and to the protection of threatened and endangered species. 	
	e-commerce	Design and delivery of a plant health e-learning module about e-commerce	<ul style="list-style-type: none"> • Project objective is to design an e-learning module to assist NPPOs in addressing phytosanitary risks related to e-commerce. The module would be based on the IPPC guide on e-commerce for plants, plant products and other regulated articles that is currently under development. Important strategies promoted by this guide include increasing awareness of plant health requirements and encouraging cooperation and partnerships. • An e-learning module would have the potential to reach NPPOs, key partners and stakeholders around the world. 	e-commerce – <i>pending completion and publication of IPPC guide on e-commerce</i>
	Forestry - ISPM 15	Evaluating the risk associated with different types of wood packaging material – opportunities to improve ISPM 15 compliance	<ol style="list-style-type: none"> 1. Develop a science and technology document describing the different categories of wood packaging material (WPM) used in North America and the pest risks associated with each related to processing and treatment. 2. Describe production processes for each type of WPM, including application of measures, verification, and certification. 3. Recommend practical application of existing ISPM 15 measures to the different types of WPM. 4. Provide examples of WPM for which coordination of production and regulation have resulted in reduced pest risks. 	Forestry - <i>pending completion and publication of comprehensive IPPC guide in implementation of ISPM 15</i>
	QMS	Comprehensive review and update of quality management (QM) related terminology withing RSPM 5 – NAPPO glossary of phytosanitary terms	Project objective is to enhance the discipline and consistency in the NAPPO region on how we refer to quality management (QM), quality assurance, quality systems, and other related quality management (QM) terms and processes that impact NAPPO standards and other work across various industry sectors and phytosanitary activities. The project is directly related to the Regional Standard for Phytosanitary Measures (RSPM) 5: <i>NAPPO's Glossary of Phytosanitary Terms</i> , which contains definitions, abbreviations, and acronyms currently used in other NAPPO RSPMs and documents.	QMS – <i>on hold pending high-level trilateral discussions</i>

TABLE 3 - Projects completed in 2022

#	Area of Interest	Project Title	Details/updates	Expert Group - notes
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TABLE 3 - Projects completed in 2022

	Update existing NAPPO Regional Standard for Phytosanitary Measures - RSPM	<i>RSPM 35: Guidelines for the movement of Stone and Pome Fruit Trees and Grapevines into a NAPPO Member Country</i>	Arthropod pest tables for pome and stone fruit and for grapevines <u>were updated</u> and attached to RSPM 35 as ink amendments.	RSPM 35
	Risk-Based Sampling (RBS)	<i>Risk-Based Sampling Manuals</i>	Translation of RBS Manual Part II was completed uploaded to NAPPO website.	NAPPO Secretariat
	Risk-Based Sampling - RBS	<i>Furthering implementation of RBS in Latin America – translation and development of the RBS USDA training module in Spanish</i>	Module was built and translated into Spanish. Final edits and upload to the NAPPO website are pending.	NAPPO Secretariat