



NAPPO

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

UPDATED - 2025 NAPPO Work Program

Dear NAPPO stakeholders,

- Below is the **UPDATED - 2025 NAPPO Work Program**, as endorsed by the NAPPO Executive Committee (EC) on October 20, 2024.

The information in the tables below is organized as follows:

TABLE 1 – New, ongoing, and permanent projects

TABLE 2 - Waitlisted projects

TABLE 1 - New, ongoing, and permanent projects

No.	Area of Interest	Project Title	Details/updates	Expert Group
1	Certification	Revision of RSPM 8: <i>The Authorization of Individuals to Issue Phytosanitary Certificates</i>	Review of current standards for Accredited Certification Officials (ACO) to incorporate electronic certification and update RSPM 8 as required. Expert group tasks include: <ul style="list-style-type: none"> Review of ISPM 12 and other relevant information on ePhyto to determine what and how systems and digital platforms for phytosanitary certificate issuance and requirements have changed since 2013. Review of current program and practices in NAPPO member countries and any areas where amendments may be required in RSPM 8. 	Revision of RSPM 8
2	Systems Approaches for Seed	New NAPPO Regional Standard for Phytosanitary Measures (RSPM) - <i>Use of systems approach as a framework for phytosanitary certification of seeds</i>	The new RSPM will lead to standardized and more effective pest risk management across the NAPPO region's seed supply chain. It will establish a more efficient phytosanitary export certification system for seed as an alternative to the current method of certifying each consignment individually. The adaptable systems approach and integration of existing industry practices into a regulatory framework will support proper pest risk management with oversight and responsibility assigned to NPPO. Some Expert Group tasks will include:	SysApp

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			<ul style="list-style-type: none"> • Review discussion papers submitted by NAPPO stakeholders, as appropriate. • Review concepts, requirements, and first-year results of the USDA APHIS PPQ Regulatory Framework for Seed Health (ReFreSH) program. • Review other seed quality systems in use among NAPPO member countries. • Receive an update on the COSAVE Regional Pilot Plan regarding the systems approach for seed and similar hemispheric initiatives. • Examine how existing seed production practices and processes contribute to pest risk management. • Describe the general requirements for a systems approach for seeds. • Describe the specific responsibilities of the importing and exporting NPPOs and the seed entities in a government-industry operated systems approach. • List potential requirements for multilateral systems approaches, including technical justification for the measures. <p>The project is on hold until the fourth quarter of 2026, pending the results of the PPQ–COSAVE pilot experiment.</p>	
3	Forestry – heat treatment	New NAPPO Science and Technology Document - <i>Testing the heat treatment dose for wood product pests in North America – water bath ring study</i>	<p>The document will outline standard operating procedures (SOPs) for the wood pests heat treatment ring study, including how to build the water bath(s), as well as the collection, analysis, interpretation, and practical application of the results obtained. Some Expert Group tasks will include:</p> <ul style="list-style-type: none"> • Develop the SOP <ul style="list-style-type: none"> ○ outlining the methods for testing and recording results of the H₂O bath heat experiments on wood product pests relevant to the NAPPO region. ○ outlining methods for analysis, display, and interpretation of results. • Create a prioritized list of organisms to test in the water bath in different regions of North America. • Identify researchers and locations to build the water bath(s) and conduct experiments in Mexico, the United States, and Canada. • Meet regularly to plan and discuss the results of water bath heat treatment experiments. 	Forestry Water Bath

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			<ul style="list-style-type: none"> • Develop the Science and Technology document • Describe how the results of the ring study - which document the lethal dose for a variety of wood pests - can be used to design kiln schedules to deliver the heat effectively. 	
4	ISPM 15 compliance	Science and Technology document on Evaluating the risk associated with different types of wood packaging material – Opportunities to improve ISPM 15 compliance	<ul style="list-style-type: none"> • 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. • Describe production processes for each type of WPM, including application of measures, verification, and certification. • Recommend practical application of existing ISPM 15 measures to the different types of WPM. • Provide examples of WPM for which coordination of production and regulation has resulted in reduced pest risks. 	Forestry Wood Packaging Material
5	<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's phytosanitary requirements • Highlight impacts on regional trade. • Develop a forward-looking, harmonized response for North America. 	<i>Tuta absoluta</i>
6	Alternatives to Methyl Bromide	Discussion document 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 ensure linkages. • Identify policy-level factors that may affect the implementation of alternative treatments. 	MeBR
7	Biological Control	Fundamental review of RSPM 26 - Certification of commercial arthropod BCAs or non-<i>Apis</i> pollinators moving into NAPPO member countries	<ul style="list-style-type: none"> • 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 	Biocontrol

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			<p>process, it is silent on certification as an import requirement by member countries.</p> <ul style="list-style-type: none"> • 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. 	
8	Forestry	Forestry quarantine research (FQR) group	<ul style="list-style-type: none"> • 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. 	NAPPO FQR
9	Seeds <i>ToBRFV</i>	A pilot for harmonization of diagnostic protocols for seed pests focused on <i>ToBRFV</i>	The EG work was published in the journal <i>PhytoFrontiers</i> . The Executive Committee will sign a decision sheet (DS 08) supporting the EG recommendations on the best diagnostic protocols for <i>ToBRFV</i> . The NAPPO Secretariat will focus on implementing this project.	<i>Seeds ToBRFV</i>
10	NAPPO Business Processes Improvement (BPI)	Review, update, and finalization of the NAPPO BPI documents	<p>The project has two specific objectives:</p> <ol style="list-style-type: none"> 1. Review and update existing BPI documents, and 2. Identify additional processes that require a new BPI. <ul style="list-style-type: none"> • The BPIs will cover all organizational components and process details involved in performing the work of NAPPO. • The BPIs will define all processes within NAPPO, thereby enhancing project efficiency and conduct, and providing stakeholders with clearer information about NAPPO and its regional, hemispheric, and global processes. 	NAPPO Secretariat + Advisory and Management Committee (AMC)

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			<ul style="list-style-type: none"> The BPIs will offer guidance to new personnel joining our RPPO and support the AMC/Secretariat in managing and executing the NAPPO work program. 	
Permanent NAPPO Projects				
11	Pest reporting	Phytosanitary Alert System (PAS)	<ul style="list-style-type: none"> Meet IPPC Pest Reporting Obligations and facilitate awareness, detection, prevention, and management of exotic plant pest species within North America. 	PAS
12	International trade	Electronic Phytosanitary Certification	<ul style="list-style-type: none"> Provide assistance/technical support to the IPPC ePhyto Steering Group. Provide input to help address exchange, secure transmission, and data standardization. 	ePhyto
13	Stakeholder engagement	Annual meeting, newsletter, and NAPPO website	<ul style="list-style-type: none"> Plan, coordinate, and deliver the NAPPO Annual Meeting. Develop and publish the Newsletter 3x/y. Upgrade/update the NAPPO website as needed. 	NAPPO Secretariat
14	Regional collaboration	Collaborate with the Interamerican Coordinating Group in Plant Health (GICSV)	<ul style="list-style-type: none"> Participate/support regional initiatives on topics of importance to RPPOs 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, <i>Fusarium oxysporum</i> TR4, and the newly formed WG on phytosanitary emergencies. Secretariat provides occasional interpretation and translation services. 	Experts from NPPOs and the NAPPO Secretariat
15	Intra-regional cooperation	Intra-regional cooperation on transboundary pest activities for pests that affect two or more NAPPO member countries	<p>Administrative support on transboundary pest programs affecting two or more NAPPO countries.</p> <p>1 – Eradication of boll-weevil from the state of Tamaulipas, MX</p> <ul style="list-style-type: none"> APHIS-PPQ develops work programs and a financial plan, provides the funding, and receives, reviews, and 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 a year-end financial report and engages/works with an independent CPA to perform a yearly Program Specific Audit required by Federal regulations. 	NAPPO Secretariat

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			<p>2 – Develop management tools (mating disruption, sterile insect technique, etc.) for box tree moth</p> <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 cooperators. • 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 periodic Cooperative Agreement progress and financial reports. • Secretariat prepares and provides the 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>	

TABLE 2 – Waitlisted projects

No.	Area of Interest	Project Title	Details/updates	Expert Group - notes
	Pest Risk Analysis	Regional Workshop of Pest Risk Analysis in NAPPO Countries	The Executive Committee approved this project to include in the NAPPO waitlisted projects and recommended reevaluation by the AMC after the authors provide more specific information on the scope.	Seeds PRA Workshop
	Biological Control	Best practices for collecting, handling, and using biological control agents (BCAs) in North America	<p>The 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 the NAPPO countries. Guidance will include:</p> <ol style="list-style-type: none"> 1. Recommendations on sustainable methods for collecting natural enemies that ensure populations are conserved for their continued ecosystem functions. 2. Recommendations on methods to eliminate contaminant organisms (pathogens, parasites, parasitoids) from field-collected natural enemies intended for transport and rearing. 3. Protocols for rearing genetically diverse cultures of natural enemies for release into nature and commercial agriculture production. 	Biocontrol – <i>pending completion of RSPM 26 update and review of EG membership</i>

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			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.	