



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

2022 NAPPO Work Program

Dear NAPPO stakeholders,

- Enclosed is the 2022 NAPPO Work Program, as endorsed by the NAPPO Executive Committee (EC).
- The 2022 Work Program consists of fourteen (14) projects.
- An additional project, focused on continuing to facilitate implementation of ISPM 38 – *International Movement of Seeds*, is pending further discussion by NAPPO member countries. Depending on the outcome of these discussions, it could be added as the fifteenth project to the 2022 Work Program. In that case, a new version of the 2022 NAPPO Work Program will be published.

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 2021.

TABLE 1 – New, ongoing, and permanent projects				
No.	Area of Interest	Project Title	Details/updates	Expert Group
New projects – to be initiated in 2022				
1	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"> 1. Review and update existing FDs, and 2. 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 RPPPO and assist the AMC/Secretariat in conducting and implementing the NAPPO work program.</p> <p>The content of the FDs will include, among other documents:</p>	Advisory and Management Committee (AMC) + NAPPO Secretariat

TABLE 1 – New, ongoing, and permanent projects

No.	Area of Interest	Project Title	Details/updates	Expert Group
			<ul style="list-style-type: none"> Description and roles and responsibilities of the organizational components of NAPPO. Description and purpose of all NAPPO products. Description of NAPPO processes including: creation, establishment, coordination, and management of Expert Groups (EG); preparation, submission, and timelines for new project proposals; preparation, editing and formatting of NAPPO products; planning and logistics for workshops, seminars, webinars, and the NAPPO annual meeting; all processes involved in NAPPO Country Consultation; management and archival processes for NAPPO documents including products and reports; processes for the NAPPO Newsletter; website issues; criteria, processes, and guidelines to conduct collaborative work with regional and international organizations; criteria, processes, and guidelines to engage with research organizations. <p>Targeted completion 3rd quarter 2023</p>	
2	Risk-Based Sampling - RBS	Furthering implementation of RBS in Latin America – translation and development of the RBS USDA training module in Spanish	<p>The project will ensure:</p> <ul style="list-style-type: none"> that NAPPO continues to lead the charge in the implementation of technically justified (risk-based) inspection procedures in the Americas by making available training and support materials in the two-official languages of NAPPO. that stakeholders in the NAPPO member countries have access to the training/support materials in their preferred language. <p>In addition, some of the most important trading partners of NAPPO countries are in Latin America. Having the training module in Spanish will facilitate implementation of risk-based inspection procedures by these trading partners thereby supporting safe trade among countries in the Americas.</p> <p>Targeted completion 2nd quarter 2023</p>	NAPPO Secretariat
3	Citrus	Update Discussion Document 05: Management of Huanglongbing (HLB) and its vector, the Asian Citrus Psyllid, <i>Diaphorina citri</i>	<p>NAPPO developed Discussion Document 5 (DD5) in 2015. In July 2021, the GICSV working group on HLB wanted to exchange HLB information among RPOs of the Western Hemisphere, including any reference documents and standards. NAPPO experts suggested that DD5 not be shared until it was updated to reflect current HLB management, protocols, and policies of all three NAPPO member countries.</p> <p>Targeted completion 3rd quarter 2023</p>	HLB
4	Biological Control	Fundamental review of RSPM 26 - Certification of commercial arthropod BCAs	<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.</p>	Biocontrol

TABLE 1 – New, ongoing, and permanent projects

No.	Area of Interest	Project Title	Details/updates	Expert Group
		<i>or non-Apis pollinators moving into NAPPO member countries</i>	<p>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 2023</p>	
5	Forestry	Formation of a forestry quarantine research (FQR) group	<p>The FQR group, comprised of industry, government, and academia subject matter experts from the 3 NAPPO countries, will identify and prioritize forest quarantine market issues and research needs and facilitate the exchange of forestry information among the 3 NAPPO countries.</p> <p>The FQR group, once formed, will be self-managed. They will have access to a password-protected site on the NAPPO website to share resources and documents. The group will schedule and be responsible for notetaking during their own meetings. The Secretariat will be notified of meeting dates and will send out meeting invitations and provide interpretation services, as necessary.</p> <p>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.</p> <p>Targeted review of the group 4th quarter 2023</p>	NAPPO FQR
Ongoing projects				
6	Update existing NAPPO Regional Standard for Phytosanitary Measures - RSPM	RSPM 35: Guidelines for the movement of Stone and Pome Fruit Trees and Grapevines into a NAPPO Member Country	<p>Even though the updated standard including <i>most</i> pest tables was approved by the NAPPO EC on March 9, 2022, the arthropod pest tables for pome and stone fruit and for grapevines <u>are still under review by the EG</u>; once completed they will be attached to RSPM 35 as ink amendments and, as such, will not require additional approval by the EC.</p> <p>Targeted completion 4th quarter 2022</p>	RSPM 35
7	Seeds <i>ToBRFV</i>	A pilot for harmonization of diagnostic protocols for seed pests focused on <i>ToBRFV</i>	<p>Preparations to initiate ring test for <i>ToBRFV</i> diagnostic protocols are nearing completion, including:</p> <ul style="list-style-type: none"> • panel preparation and blinding. 	Seeds <i>ToBRFV</i>

TABLE 1 – New, ongoing, and permanent projects

No.	Area of Interest	Project Title	Details/updates	Expert Group
			<ul style="list-style-type: none"> panel shipping logistics. development of laboratory instructions. refinement of data collection platform. Terms of Reference (ToR) describing objectives, approaches, timelines and expected outcomes for the pilot was shared with the NAPPO EC. The ring test is expected to take place in June 2022. Targeted completion 4 th quarter 2022	
8	ISPM 25 implementation	Standardization of responsibilities and actions for safeguarding consignments that have transited one NAPPO country to enter another NAPPO country	The guidance document writing subgroup (WSG) meets every 2-weeks. The EG provides feedback to WSG during regularly scheduled meetings. First draft expected 4 th quarter 2022; country consultation in 2023. Targeted completion 3 rd quarter 2023	ISPM 25
9	Risk-Based Sampling (RBS)	Risk-Based Sampling Manuals	RBS Manual Part II (in English) was completed in the 1 st quarter 2022 and uploaded to NAPPO website. RBS Manual Part II translation into Spanish is underway. Targeted completion 2 nd quarter 2022	NAPPO Secretariat
Permanent Projects				
10	Pest reporting	Phytosanitary Alert System (PAS)	Meet IPPC National Reporting Obligations and facilitate awareness, detection, prevention, and management of exotic plant pest species within North America.	PAS
11	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
12	Stakeholder engagement	Annual meeting, newsletter and NAPPO website	Plan, coordinate, deliver NAPPO Annual Meeting Develop and publish the Newsletter 3x/y. Upgrade/update NAPPO website as needed.	NAPPO Secretariat, with AMC support
13	Regional collaboration	Collaborate with the Interamerican Coordinating Group in Plant Health (GICSV)	GICSV governance for 2 years – 03/2021-03/2023. 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 and <i>Fusarium oxysporum</i> TR4 Secretariat provides interpretation and occasional translation services.	Experts from NPPOs and NAPPO Secretariat

TABLE 1 – New, ongoing, and permanent projects

No.	Area of Interest	Project Title	Details/updates	Expert Group
14	Intra-regional cooperation	<p>Intra-regional cooperation on transboundary pest activities for pests that affect two or more NAPPO member countries</p>	<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, Mexico</p> <ul style="list-style-type: none"> • APHIS-PPQ develops work program and financial plan, provides/coordinates 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. <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 work program with different participating institutions, provides the funding, and approves subcontract with foreign cooperator. • NAPPO Secretariat subcontracts with foreign cooperator and accepts and manages APHIS-PPQ funds. • APHIS-PPQ and foreign cooperator write and submit to NAPPO periodic Cooperative Agreement progress and financial reports. • 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>	NAPPO Secretariat

TABLE 2 - Waitlisted projects and projects currently on hold

#	Area of Interest	Project Title	Details/updates	Expert Group - notes
Waitlisted projects				
	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"> 1. Understanding the risks of selected species 2. 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"> 1. Recommendations on sustainable methods for collecting natural enemies that ensures 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. 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. 	Biocontrol – <i>pending completion of RSPM 26 update and review of EG membership</i>
	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>

TABLE 2 - Waitlisted projects and projects currently on hold

	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>
Projects currently on hold				
#	Area of Interest	Project Title	Details/updates	Expert Group - notes
	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 2021

#	Area of Interest	Project Title	Details/updates	Expert Group - notes
	IYPH	Support the International Year of Plant Health (IYPH)	The NAPPO Secretariat disbanded the group in July 2021.	IYPH
	Asian Gypsy Moth (AGM)	Validate the specified risk periods (SRPs) for AGM in regulated countries	The document was approved by the NAPPO EC on December 2, 2021.	AGM
	Update existing NAPPO Regional Standard for Phytosanitary Measures - RSPM	RSPM 22: <i>Guidelines for construction and operation of a containment facility for insects and mites used as biological control agents</i>	The document was approved by the NAPPO EC on December 2, 2021.	Biocontrol

TABLE 3 - Projects completed in 2021

	Update existing NAPPO Regional Standard for Phytosanitary Measures - RSPM	<i>RSPM 38: Importation of certain wooden and bamboo commodities into a NAPPO member country</i>	The document was approved by the NAPPO EC on December 2, 2021.	RSPM 38
	Forestry	<i>Science & Technology document that addresses Contaminating organisms on wood commodities</i>	The document was approved by the NAPPO EC on March 8, 2022.	Forestry
	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>	Updated standard including <i>most</i> pest tables was approved by the NAPPO EC on March 9, 2022. The arthropod pest tables for pome and stone fruit and for grapevines are still under review by the EG; once completed they will be attached to RSPM 35 as ink amendments and, as such, will not require additional approval by the EC.	RSPM 35