



NAPPO

North American Plant Protection Organization
Organización Norteamericana de Protección a las Plantas

NAPPO Conference Call Report

Expert Group:	Forest Quarantine Research Group	
Location:	Zoom meeting – Videoconference	
Date:	June 27, 2023	
Chairperson:	Chuck Dentelbeck (absent)	
Secretary:	Meghan Noseworthy	
Participants:		
Meghan Noseworthy (NRCAN)	Ronald Mack (USDA-APHIS-PPQ)	Adnan Uzunovic (Canadian industry)
Paul Newman (Canadian industry)	Faith Campbell (US industry)	Armando Equihua (Mex-COLPOS)
Eric Allen (Can-Retired)	Nedelka Marín-Martínez (NAPPO)	Jason Allen (USDA-APHIS-PPQ)
Mireille Marcotte (CFIA)	Gustavo Hernández Sánchez (SEMARNAT)	María Eugenia Guerrero (SEMARNAT)
Dionisio Alvarado (Mex-COLPOS)	Dave Kretschmann (US industry)	Scott Geffros (Canadian industry)
Summary		
Project:	Discuss forest quarantine issues, priorities, potential projects	
General comments:	<p>The NAPPO FQRG Secretary welcomed the EG members for joining the meeting.</p> <p>The NAPPO FQRG Secretary accepted the role of meeting chairperson in the absence of the NAPPO FQRG Chair.</p> <p>The Secretary shared the agenda and asked if there was anything to add.</p> <p>Gustavo raised a point about ISPM 15 compliance (agenda point 2)</p> <p>Adnan recommended discussing the EPPO request for wood chips processing information from trading partners to create guidance and possibly a standard.</p> <p>Secretary recommended discussion regarding the new NAPPO Project for the Water Bath Ring Study.</p> <p>Following this discussion, the Secretary reviewed action items from the last meeting.</p>	
Action items from previous meeting	1. Consult with the NAPPO Secretariat on options for the FQRG to meet in Merida	

	<ol style="list-style-type: none"> 2. Create SOP for conducting Humble water bath studies including rearing post-treatment 3. Continue to find opportunities for industry to support building water baths to test organisms NA. – Can Industry confirmed funding for a bath in Canada (C. Dentelbeck) 4. Identify a prioritized list of insects to test 5. Locations for water baths – range of climates (Mexico, USA, NZ, South America, Portugal) 6. Find support from research institutions to run water bath experiments 7. Assemble a group of people to address how to clarify and communicate the dose delivery issue. Potentially collaborate on a white paper
Item 1:	Consult with NAPPO Secretariat on options for the FQRG to meet in Merida
Consensus:	The group discussed the importance of meeting in person at the annual NAPPO meeting.
Item 2:	Create SOP for conducting Humble water bath studies including rearing post-treatment
Consensus:	In progress
Item 3:	Continue to find opportunities for industry to support building water baths to test organisms NA.
Consensus:	EG discussed the following: <ul style="list-style-type: none"> - CLSAB may have funds to support a bath built in Canada (for possible use outside of Canada), OTIS as well, - SEMARNAT, GF – Armando may lead in MX and need specifications to determine costs. MN will provide specs and SOP
Item 4:	Identify a prioritized list of insects to test
Consensus:	EG discussed at previous FQRG meeting
Item 5:	Locations for water baths – range of climates (Mexico, USA, NZ, South America, Portugal)
Consensus:	EG discussed at previous FQRG meeting.
Item 6:	Continue discussing the heat treatment delivery and dose understanding and water-bath construction by interested researchers internationally for lethal dose consensus
Consensus:	EG discussed the following: AMC met with MN and CD and asked the group to submit a hot water bath study proposal. Canada will submit proposal
Item 7:	Discuss how to clarify and communicate the dose delivery issue
Consensus:	Ongoing discussion on review paper on Heat Treatment dose and delivery. <ul style="list-style-type: none"> - The group discussed a review and update of NAPPO Science and Technology Document No. 5 as a first step.
Item 8:	Trade irritants Examples:

	1.1 Countries requiring HT Certificates on ISPM 15 Compliant dunnage.	
Consensus:	<ul style="list-style-type: none"> - A short discussion about HT certificates but tabled until Chuck is able to join the discussion. - MN noted a previous NAPPO proposal to look at WPM relative risk on hold until the new IPPC ISPM 15 Guidance doc was posted. The specification will be updated and resubmitted. - Faith raised concerns about dunnage risk to which MN and MM reviewed the Canadian approach to dunnage risk management 	
Item 9:	Increase understanding of HT efficacy and use – Discuss potential for updating NAPPO Science and Technology Document No. 5: Review of heat treatment of wood and wood packaging	
Consensus:	ST-05 was published in 2014 and is in need of revision. It should be aligned with the HT guidance recently released by the IPPC	
Item 10:	Discuss options for alternatives to MBr – EDN – need for a diagnostics/testing protocol	
Consensus:	<p>Adnan reviewed the status of fumigant alternatives. There is a need for agreed dose/delivery processes to inactivate pests. Adnan proposed the development and submission of a project on this topic.</p> <p>Ron mentioned an existing NAPPO project examining alternatives to MB, an offshoot of QUADS initiatives. Ron will check with the AMC to see possible conflation of the projects</p>	
Item 11:	EPPO request regarding wood chip pest risk guidance document	
Consensus:	The group discussed the request and how countries might respond. Processing steps in the process of creating wood chips could be considered measures. The US has a number of risk assessments on wood chips. Members will contribute through their NPPO to this request. Action: Contact AMC to see if the NAPPO-FQRG support is needed.	
Next Steps		
Responsible Person	Action	Date
Meghan	Continue to work with the NAPPO Secretariat on options for the FQRG to meet in Merida	Oct 2023
Meghan	Create SOP for conducting Humble water bath studies, including rearing post-treatment	Nov 2023
Industry EG members (Chuck/ Brad/ Scott/ Paul N /Dave)	Continue to find opportunities for industry to support building water baths to test organisms NA	Nov 2023
Ron, Meghan, Eric, Gustavo	Identify a prioritized list of insects to test	Nov 2023
All to consider	Locations for water baths – range of climates (Mexico, USA, NZ, South America, Portugal)	TBD
All to consider	Find support from research institutions to run water bath experiments	TBD

All to consider	Discussion - Updating Science and Technology Document No.5	TBD
Ron	Look into overlap of the MBr alternatives project and a testing protocol (for wood products)	TBD
All to consider	Contributing resources to EPPO wood chip request	Sept 15, 2023
Next Meeting		
Location:	Zoom meeting – Videoconference	
Date:	TBD – Doodle Poll	
Proposed Agenda Items		
1. Continue discussing the heat treatment delivery and dose understanding and water-bath construction by interested researchers internationally for lethal dose consensus – funding, list of organisms to test, place to build baths.		
2. Trade irritants information item – updates Examples: 3.1 Countries requiring HT Certificates on ISPM 15 Compliant dunnage		
3. Increase understanding of HT efficacy and use – Discuss potential for updating NAPPO Science and Technology Document No. 5: Review of heat treatment of wood and wood packaging		
4. Discuss options for alternatives to MBr – EDN – need for a testing protocol		
5. For the group to consider – future topics		
6. Round table – all		