



# 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:	Nov 22, 2022	
Chairperson	Chuck Dentelbeck	
Secretary	Meghan Noseworthy	
Participants:		
Chuck Dentelbeck (Canadian industry)	Meghan Noseworthy (Can-NRCan)	María Eugenia Guerrero Alarcón (Mex-SEMARNAT)
Ronald Mack (USDA-APHIS-PPQ)	Brad Gething (US industry)	Faith Campbell (US industry)
Eric Allen (Can-Retired)	Nedelka Marín-Martínez (NAPPO)	Sarbit Mann (CFIA)
Mireille Marcotte (Can-CFIA)	Gustavo Hernández Sánchez (Mex-SEMARNAT)	Jason Allen (USDA-APHIS-PPQ)
Jeff Davidson (USDA-APHIS-PPQ)	Tyrone Jones (USDA-APHIS)	Adnan Uzunovic and Paul Newman (Canadian industry)
<b>Summary</b>		
Project:	Discuss forest quarantine issues, priorities, potential projects	
General comments:	<p>The NAPPO FQRG Chair welcomed the EG members for joining the videoconference and thanked the Secretary for the October 7, 2022 report.</p> <p>The NAPPO FQRG Secretary shared the agenda from the last meeting and Chairperson asked if there was anything to add.</p> <p>Following the videoconference introduction, the Chairperson indicated there were no additions to the agenda and commenced to the next agenda item (Item 1).</p>	
Item 1:	Continue discussing the heat treatment delivery and dose understanding and water-bath construction by interested researchers internationally for lethal dose consensus	
Consensus:	<p>The following comments were made and agreed upon:</p> <ul style="list-style-type: none"> <li>- All agreed to promote the water bath treatment for other areas of the world to reduce the movement of quarantine organisms and promote consensus on lethal doses for forest pests</li> <li>- Discussed logistics for building more water baths</li> <li>- Requires capital to acquire the base, thermometers, etc. ~20K</li> <li>- Requires technical support, field collection of material, and rearing</li> <li>- Focus on heat-tolerant organisms and identification of heat-tolerant life stage (TPPT)</li> </ul>	

	<ul style="list-style-type: none"> <li>- Consider the range of a specific pest tested (Gustavo noted testing the range of a native species across NA)</li> </ul>	
Item 2:	Adding desiccation (Kiln Drying KD) with Heat Treatment (HT) as an additional treatment measure for ISPM 15	
Consensus:	<p>EG discussed the following:</p> <ul style="list-style-type: none"> <li>- Currently HT requirements in ISPM 15 do not include kiln drying to a specific moisture content (e.g., 19% MC).</li> <li>- KD ensures molds post-treatment are not an issue.</li> <li>- The Technical Panel on Forestry Quarantine (TPFQ – IPPC) considered this when revising ISPM 15 and agreed that molds are generally not a quarantine issue. ISPM 15 doesn't address post-treatment wet or dry wood organisms.</li> <li>- EG discussed - wood products with mold can be rejected and may be a human health concern.</li> <li>- EG agreed that it would be difficult to add KD to ISPM 15 as molds are not phytosanitary issues. Would likely not be successful.</li> </ul>	
<b>Next Steps</b>		
<b>Responsible Person</b>	<b>Action</b>	<b>Date</b>
Industry EG members (Chuck/ Brad/ Scott/ Paul)	Discuss how industry can support building water baths to test organisms in other parts of the world	March/April 2023
Ron, Meghan, Eric, Gustavo	Identify a prioritized list of insects to test	April 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	Assemble a group of people to address how to clarify and communicate the dose delivery issue. Potentially collaborate on a white paper	TBD
<b>Next Meeting</b>		
Location:	Zoom meeting – Videoconference	
Date:	The NAPPO FQRG Secretary will send a poll to the EG members for the next videoconference	
<b>Proposed Agenda Items</b>		
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. Discuss how to clarify and communicate the dose delivery issue.		
3. Trade irritants Examples: 3.1 Countries requiring HT Certificates on ISPM 15 Compliant dunnage		
4. Round table - all		