



REPORT

Technical Panel on Phytosanitary Treatments

**Virtual meeting
30 August 2023**

IPPC Secretariat

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1. Opening of the Meeting

1.1. Welcome by the IPPC Secretariat

[1] The International Plant Protection Convention (IPPC) Secretariat (hereafter referred to as “Secretariat”) lead for the Technical Panel on Phytosanitary Treatments (TPPT) chaired the meeting and welcomed the following participants:

1. Mr Michael ORMSBY (New Zealand)
2. Mr Eduardo WILLINK (Argentina)
3. Mr Scott MYERS (USA)
4. Mr Daojian YU (China)
5. Mr Toshiyuki DOHINO (Japan)
6. Mr Peter Llewellyn LEACH (Australia)
7. Ms Meghan NOSEWORTHY (Canada)
8. Mr Guoping ZHAN (China)
9. Mr Takashi KAWAI (Japan)
10. Mr Guy Hallman (Invited expert)
11. Ms Janka KISS (IPPC Secretariat, lead)
12. Mr Emmanuel Plarhar KRAH (IPPC Secretariat, Support)

[2] The full list of TPPT members and their contact details can be found on the International Phytosanitary Portal (IPP)¹.

1.2. Adoption of the agenda and election of the rapporteur

[3] The Secretariat introduced the agenda² and it was adopted as presented in Appendix 1 to this report.

[4] Meghan NOSWORTHY was elected as the Rapporteur.

2. Discussion of the TPPT work programme

2.1. Assignment of treatment leads

[5] The Secretariat proposed that the newly arrived submissions for treatment proposals would be circulated among the TPPT members for volunteers to evaluate them, with the condition that the person conducting the supporting study should not be a Treatment Lead, and preferably a member from a different region than where the submission is originated from should be the Treatment Lead. The Secretariat then communicates the volunteers to the whole TPPT and if there is no objection, the Treatment Leads are assigned the evaluation of a new submission. The TPPT agreed with this process.

3. Proposals for new treatments

[6] According to the agreement of the Standards Committee, each TPPT members may gather publications and treatments that could be submitted as proposals for new annexes to ISPM 28.

3.1. Cold treatment for *Zeugodacus tau* on *Citrus sinensis*

[7] The TPPT has received the submission for Cold treatment for *Zeugodacus tau* on *Citrus sinensis* and assigned Mr. Toshiyuki DOHINO to evaluate this submission in detail.

[8] The TPPT as presented the submission and the publication supporting the proposed treatment schedule³, for 22 days at 1.7 °C or below.

¹ TPPT membership list: <https://www.ippc.int/en/publications/81655/>

² 01_TPPT_2023_Aug

³ 02_TPPT_2023_Aug, 03_TPPT_2023_Aug

- [9] **Mean temperature.** One member noted that the tables in the publication state 1.4 C however the text says 1 C. The TPPT felt that the detailed table of the measured temperatures would be necessary to establish the treatment temperature.
- [10] **Treated insects.** The TPPT noted that the direct count of treated insects was conducted and the live larvae were transferred over to substrate, in order to create ideal circumstances as oranges are not a very good host. The study addresses 4 different populations, in case this is a species complex the treatment might still apply.
- [11] **Most tolerant life stage testing.** The most tolerant stage testing was done on larvae raised on zucchini, and the confirmatory trial was done on oranges. It was done on zucchini, because it is a better host and thus the larvae would have better fitness. The explanation is noted, however normally it is tested by a dose response test and in this case it was done differently.
- [12] **Population.** The TPPT agreed to request information about the age of each strain at the time of the confirmatory trials.
- [13] The TPPT agreed to request further information from the submitter in order to better evaluate the submission at their next meeting.
- [14] The TPPT
- (1) *invited* the submitter to provide further information regarding the measurements of the individual temperature probes during the trials and the age of the population

3.2. Updates on PT proposals

- [15] The Secretariat invited the TPPT members that agreed to facilitate submissions to follow up on these.

4. Recommendations to the SC

- [16] No recommendations.

2. Close of the Meeting

- [17] The Secretariat thanked the TPPT members for their participation and closed the meeting.

Appendix 1: Agenda**2023 AUGUST VIRTUAL MEETING OF THE TECHNICAL PANEL
ON PHYTOSANITARY TREATMENTS (TPPT)****AGENDA**

	AGENDA ITEM	DOCUMENT NO.	PRESENTER
1.	Opening of the meeting		
1.1	Welcome by the IPPC Secretariat		KISS / ALL
1.2	Adoption of the agenda and election of the rapporteur	01_TPPT_2023_Aug	KISS / ALL
2.	Discussion of the TPPT work programme	All submissions: https://www.ippc.int/en/work-area-pages/draft-phytosanitary-treatments-and-relevant-documents/	
2.1	Assignment of treatment leads		ALL
3.	Proposals for new treatments		ALL
3.1	Submission: Cold treatment for <i>Zeugodacus tau</i> on <i>Citrus sinensis</i> - Reference: Dias <i>et al</i> 2023	02_TPPT_2023_Aug 03_TPPT_2023_Aug	ALL
3.2	Updates on PT proposals		ALL
4.	Recommendations to the SC		
5.	Close of the meeting		KISS