



REPORT

Virtual Meeting
30/31 May 2012

Technical Panel on Phytosanitary Treatments May 2012



Food and Agriculture Organization of the United Nations

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1. Opening of the meeting

1.1 Orientation refresher for GoToTraining

Before beginning the meeting, the IPPC Secretariat gave a brief overview/refresher of the virtual meeting tool GoToTraining and also noted the etiquette and ground rules for participants to follow during the meeting.

1.2 Welcome by the IPPC Secretariat

The IPPC Secretariat welcomed the participants to the meeting. In attendance were seven members of the Technical Panel on Phytosanitary Treatments (TPPT) and the two Secretariat Leads. The other members were unable to attend due to previous engagements.

The Secretariat noted the purpose of the meeting was to discuss and update all panel members on:

- Outcomes of CPM-7 (2012)
- Outcomes of the 2012 April Standards Committee (SC) and SC-7 meetings
- Treatments for which data were submitted
- Status of cold treatments returned from November SC e-decision
- Status of guidelines on treatments
- Status of the 2012 Call for Phytosanitary Treatments
- Assigning leads to treatments with vacancies
- Provide feedback on virtual meetings to the SC

The panel approved the agenda (see Appendix 1 to this report) and reviewed the documents list (see Appendix 2 to this report).

1.3 Introductions

The meeting participants introduced themselves and agreed to update their contact information on the IPP if necessary (see Appendix 3 to this report).

2. Secretariat maintenance and updates from relevant bodies

2.1 CPM-7 (2012)

Formal objections to the four cold treatments

The Secretariat informed the TPPT that it had received formal objections from the European Union, Australia and China¹ 14 days prior to the Seventh meeting of the Commission on Phytosanitary Measures (CPM-7 (2012)). As a consequence, the following four draft phytosanitary treatments were not presented to the Commission for adoption:

- Annex to ISPM 28:2007 Cold treatment for *Bactrocera tryoni* on *Citrus sinensis* (2007-206E)
- Annex to ISPM 28:2007 Cold treatment for *Bactrocera tryoni* on *Citrus reticulata* x *C. sinensis* (2007-206F)
- Annex to ISPM 28:2007 Cold treatment for *Ceratitis capitata* on *Citrus paradisi* (2007-210)
- Annex to ISPM 28:2007 Cold treatment for *Ceratitis capitata* on *Citrus reticulata* cultivars and hybrids (2007-212)

The Secretariat returned these four phytosanitary treatments to the SC for further consideration. A few SC members raised concerns that some of these formal objections were not technically based. The CPM requested the SC to consider the issues of Formal Objections and provide recommendations to the Bureau.

¹ CPM 2012/INF 08: <https://www.ippc.int/index.php?id=13330>

2.2 2012 April SC

Formal objections to the four cold treatments

As noted above in Section 2.1 of this report, the SC reviewed the treatments that received formal objections during the CPM-7 (2012). The SC Chair had prepared a document to facilitate the discussion on future steps for these cold treatments and formal objections to phytosanitary treatments, which the TPPT had reviewed. The TPPT also reviewed the relevant sections from the 2012 April SC meeting report.

The TPPT was concerned that the options identified in the 2012 April SC meeting report could be expensive and difficult to implement. The panel also noted that it should be made clear what the objectives of these options are.

It was noted that most of the concerns from contracting parties (CPs) regarding confidence could be that CPs have their own cold treatments that they have been operating for several years and they may not realize that the treatments recommended by the TPPT, approved by the SC and adopted by the CPM are optional. The panel also suggested that the concerns may be a communication problem.

The panel suggested that a solution to these challenges could be to communicate how a treatment is approved, its benefits, and the challenges associated with the research supporting the treatment application. The panel would be willing to identify the challenges to assist the SC with this task. The panel also suggested the SC to ask how the TPPT can assist with the submissions.

The panel agreed that it needed more information about this issue and suggested that the SC Chair attend the next TPPT virtual meeting to provide more details. The panel also was concerned that this is more of a discussion for the SC, Bureau and/or CPM, and not necessarily the panel. The panel agreed to defer this discussion until more information is received from the SC.

On hold: Heat treatment of wood packaging material using dielectric heating (2007-114)

The Secretariat noted that the SC placed the draft treatment *Heat treatment of wood packaging material using dielectric heating* (2007-114) on hold, pending the adoption of the revision of Annex 1 to ISPM 15:2009: Approved treatments associated with wood packaging material (2006-011).

Five treatments removed from the list of topics, others placed as pending

The Secretariat noted that five treatments were removed from the List of topics for IPPC Standards, as recommended by the TPPT, because two letters requesting submission data have been sent to the submitter and no response was received or the submitter requested the submissions be removed from the List of topics. The five treatments removed by the SC were:

- Vapour heat treatment for fruit flies on *Mangifera indica* (2006-132)
- Methyl Iodide fumigation for *Bursaphelenchus xylophilus* and Coleoptera: Cerambycidae of wood packaging material (2007-116)
- Heat treatment for *Bactrocera cucumis* on *Cucurbita pepo* (2009-101)
- Vapour heat treatment for *Bactrocera tryoni* on *Lycopersicon esculentum* (2009-104)
- Cold treatment for *Ceratitis capitata* on *Citrus paradisi* (2010-101)

Three other treatments were placed on hold pending submission of data:

- Generic irradiation treatment for all insects (Arthropoda: Insecta) except lepidopteran pupae and adults (Insecta: Lepidoptera) in any host commodity (2007-105)
- Vapour heat treatment for *Mangifera indica* var. Manila Super (2009-108)
- Vapour heat treatment for *Carica papaya* var. Solo (2009-109)

If no data are received on the above three treatments before the 2012 December TPPT meeting in Japan, the TPPT may recommend to the SC that the treatments be removed from the List of topics.

2.3 2012 April SC-7

ISPM 15:2009 Draft Revision of Annex 1: Approved treatments associated with wood packaging material (2006-011)

See Section 2.2 of this report.

3. Updates on treatments for which data were submitted

3.1 Cold treatment for *Ceratitis capitata* on *Citrus reticulata* and their hybrids (2010-102)

The Secretariat received new submission data on the treatment Cold treatment for *Ceratitis capitata* on *Citrus reticulata* and their hybrids (2010-102). However, the lead for the treatment was no longer on the panel, so a new lead was chosen. The new lead will analyze the data and prepare a treatment checklist for the 2012 December TPPT meeting in Japan.

3.2 Cold treatment for *Ceratitis capitata* on *Citrus sinensis* (2010-103)

The Secretariat received new submission data on the treatment Cold treatment for *Ceratitis capitata* on *Citrus sinensis* (2010-103). However, the lead for the treatment was no longer on the panel, so a new lead was chosen. The new lead will analyze the data and prepare a treatment checklist for the 2012 December TPPT meeting in Japan.

3.3 Vapour heat treatment for *Ceratitis capitata* on *Mangifera indica* (2010-106)

The lead for the draft *Vapour heat treatment for Ceratitis capitata on Mangifera indica* (2010-106) had reviewed the treatment information but still needed more information from the submitter. Because the treatment is similar in nature to *Vapour heat treatment for Bactrocera tryoni on Mangifera indica* (2010-107), the panel considered combining the two treatments. However, it was decided to consider the treatments separately until all the necessary submission data are received. The leads for both treatments will prepare a treatment summary to be sent to the submitter asking for more information.

3.4 Vapour heat treatment for *Bactrocera tryoni* on *Mangifera indica* (2010-107)

See Section 3.3 of this report.

4. Discussion/status of cold treatments returned from November SC e-decision (finalize by September 2012 for SC e-decision)

The Secretariat noted that the efficacy data (ED) are still pending for the *Cold treatment for Ceratitis capitata on Citrus reticulata x C. sinensis* (2007-206B) and *Cold treatment for Ceratitis capitata on Citrus sinensis* (2007-206A). It was noted that the panel needs not only the ED values but also the original mortality data and that the panel has requested this information from the submitter for several months. It was suggested that a short statement be drafted that outlined what data were needed, why they were needed and how they would be used by the panel, hoping this would assist in receiving the data soon. In addition, the panel also suggested sending a formal letter to the IPPC Official Contact Point which may assist in submission of the data, as the panel had been trying to contact the scientist directly.

Once the data are received, the treatments will be recommended to the SC.

4.1 Draft response addressing the SC's concerns about damage to the fruit

The Secretariat noted that the panel still needs to draft a response to the SC regarding damage to the fruit for the two treatments *Cold treatment for Ceratitis capitata on Citrus limon* (2007-206C) and *Cold treatment for Bactrocera tryoni on Citrus limon* (2007-206G). The panel hopes to finalize the draft response at the next TPPT virtual meeting.

5. Discussion/status of guidelines on treatments (finalize by September 2012 for presentation to 2012 November SC)

The panel considered combining the guidelines on Cold Treatments (guideline B) and Cold Treatment for Fruit (guideline F). However, it was noted that each guideline has a different audience – one is for operations and the other is more focused on research and how to develop a treatment. The panel determined to keep the two guidelines separated and then, once they are finalized, the panel can reconsider whether or not to combine them into one document.

Regarding the dielectric heating guideline (guideline G), the panel agreed with the SC decision that the guideline should continue to be developed. The guideline lead noted that some members of the Technical Panel on Forest Quarantine (TPFQ) may also provide input to this guideline.

The panel agreed to continue working on the other guidelines, which would be presented at the next TPPT virtual meeting.

6. 2012 Call for phytosanitary treatments

6.1 Call for phytosanitary treatments due 1 September 2012

The Secretariat informed the panel that data submissions for phytosanitary treatments had been called. The treatments being solicited are:

- Modified atmospheres and controlled atmospheres for fruit flies
- Soil and growing media
- Irradiation treatments

The Secretariat also noted that the TPPT can propose treatments for the call, but they should be supported by a National Plant Protection Organization (NPPO) or Regional Plant Protection Organization (RPPO).

Data submissions are due by 1 September 2012 so that submitters have sufficient time to gather submission data. This also allows the TPPT plenty of time to evaluate the submissions in preparation for the 2012 December TPPT face-to-face meeting.

7. Assigning leads to treatments with vacancies

The Secretariat noted that, due to some members having left the panel, some treatments did not have a lead assigned to them. The panel reviewed the list and the treatments that were of a more urgent nature were assigned a lead. The remaining treatments will be assigned at the next TPPT virtual meeting.

8. Recommendations to the SC (if applicable)

9. Other business

One of the Secretariat leads informed the panel that she would be leaving the IPPC Secretariat and returning to her country's government at the end of July 2012. However, she hoped her government will provider her to the Secretariat as an in-kind contribution, and therefore she could remain the lead for the panel until a more permanent solution was found. The panel was asked to submit any nominations to lead the TPPT to the Secretariat as soon as possible.

The panel briefly discussed the 2012 December TPPT meeting to be held in Nagoya, Japan. The panel members requested that the meeting invitation be sent as soon as possible. The Secretariat noted that the invitations would be sent as soon as a venue was confirmed by Japan.

10. Follow-up Actions for next TPPT virtual meeting

10.1 TPPT work programme

The panel reviewed the TPPT work programme and provided updates (see Appendix 4 to this report).

11. Close of the meeting

The panel decided to hold the next virtual meeting at a more convenient time for the panel members in the Southwest Pacific region (evenings). The Secretariat noted that the next meeting will then most likely be in the late evening for the Southwest Pacific and Asian regions, midday for the Europe and Africa regions and early morning for the North and Latin America regions.

The panel agreed to adopt this meeting report via email.

11.1 Feedback on virtual meetings (SC Request)

Because the panel had been using virtual meetings for almost one year, the SC requested the panel to have a discussion on the virtual meetings and to provide feedback to the SC.

Some panel members noted that virtual meetings were much easier to attend from home rather than at work because of software issues, requesting a meeting room, setting up the computer, interruptions from colleagues, internet problems, lost connections during the meeting, etc.

It was also noted that meeting once a month is difficult and time consuming because of travel and regular workloads. The Secretariat noted this and will consider having the meetings every two months instead of monthly if there are no urgent issues that need to be addressed.

The panel members from developing countries noted that the virtual meetings are difficult because of connection issues and language barriers.

The most important note from the panel was that the virtual meetings are good for small administrative and technical issues and discussions, but would be difficult and inefficient for the more technical discussions such as the review of a draft treatment because not all members can be connected the entire length of the meeting.

Appendix 1 - Agenda

AGENDA ITEM	DOCUMENT NO.	PRESENTER
1. Opening of the meeting		
1.1 Orientation Refresher for GoToTraining	2012_TPPT_May_04	DUBON
1.2 Welcome by the IPPC Secretariat	2012_TPPT_May_01 2012_TPPT_May_02	ZETTLER
1.3 Introductions	2012_TPPT_May_03	ZETTLER
2. Secretariat Maintenance and Updates from relevant Bodies		ZETTLER
2.1 CPM-7 (2012) ❖ Formal Objections to the four cold treatments	2012_TPPT_May_05	DUBON
2.2 2012 April SC ❖ Formal Objections to the four cold treatments ❖ On hold: <i>Heat treatment of wood packaging material using dielectric heating (2007-114)</i> ❖ Five treatments removed from the list of topics, others placed as pending	2012_TPPT_May_05	DUBON
2.3 2012 April SC-7 ❖ ISPM 15:2009 Draft Revision of Annex 1: <i>Approved treatments associated with wood packaging material (2006-011)</i>	2012_TPPT_May_05	DUBON
3. Updates on treatments for which data was submitted		ZETTLER
3.1 Cold treatment for <i>Ceratitidis capitata</i> on <i>Citrus reticulata</i> and their hybrids (2010-102)	(not posted, in draft stage)	No Lead (MIZO)
3.2 Cold treatment for <i>Ceratitidis capitata</i> on <i>Citrus sinensis</i> (2010-103)	(not posted, in draft stage)	No Lead (MIZO)
3.3 Vapour heat treatment for <i>Ceratitidis capitata</i> on <i>Mangifera indica</i> (2010-106)	(not posted, in draft stage)	WOOD
3.4 Vapour heat treatment for <i>Bactrocera tryoni</i> on <i>Mangifera indica</i> (2010-107)	(not posted, in draft stage)	PARK
4. Discussion/status of cold treatments returned from November SC e-decision (finalize by September 2012 for SC e-decision)		ZETTLER
4.1 Draft response addressing the SC's concerns about damage to the fruit	2012_TPPT_May_XX	JESSUP
5. Discussion/status of guidelines on treatments (finalize by September 2012 for presentation to 2012 November SC)		ZETTLER
5.1 Templates for Discussion, Guidance and Guideline documents	2012_TPPT_May_06	DUBON
5.2 Guidelines for submitting treatments regarding soil and growing media associated with plants	TPPT_Guideline_A	CANNON/ JESSUP
5.3 Guidelines:		ZETTLER

AGENDA ITEM	DOCUMENT NO.	PRESENTER
❖ Cold Treatments	TPPT_Guideline_B	JESSUP/ WILLINK/ BAXTER
❖ Vapour Heat Treatments	TPPT_Guideline_C	PARK
❖ Forced Air Heat Treatments	TPPT_Guideline_D	ORMSBY
❖ Hot Water Treatments	TPPT_Guideline_E	CANNON/ WOOD
❖ Cold Treatment for Fruit	TPPT_Guideline_F	WOOD
❖ Dielectric Heating	TPPT_Guideline_G	ORMSBY
5.4 Guidelines: TPPT Criteria for Treatment Evaluation	TPPT_Guideline_H	ORMSBY
5.5 Guidelines: hot air treatment for multiple insects, fruits, etc.	TPPT_Guideline_I	JESSUP
6. 2012 Call for Phytosanitary Treatments		DUBON
6.1 Call for phytosanitary treatments due 1 September 2012		DUBON
❖ Modified atmospheres and controlled atmospheres for fruit flies		
❖ Soil and growing media		
❖ Irradiation treatments		
7. Assigning leads to treatments with vacancies	2012_TPPT_May_05	DUBON
8. Recommendations to the SC (if applicable)		ZETTLER
9. Other business		ZETTLER
10. Follow-up Actions for next TPPT Virtual Meeting		ZETTLER
10.1 TPPT Work Programme	2012_TPPT_May_05	DUBON
11. Close of the meeting		ZETTLER
11.1 Feedback on virtual meetings (SC Request)	2012_TPPT_May_05	DUBON

Appendix 2 – Documents list

DOCUMENT NUMBER	AGENDA ITEM	DOCUMENT TITLE (PREPARED BY)	DATE POSTED / DISTRIBUTED
Draft ISPMs			
All other meeting documents			
2012_TPPT_May_01	01.2	Agenda (DUBON)	2012-05-21
2012_TPPT_May_02	01.2	Documents List (DUBON)	2012-05-21
2012_TPPT_May_03	01.3	Participants List (DUBON)	2012-05-21
2012_TPPT_May_04	01.1	Virtual meeting information (DUBON)	2012-05-21
2012_TPPT_May_05	Multiple	Meeting Document addressing multiple issues for the TPPT to consider (DUBON)	2012-05-23
2012_TPPT_May_06	05.1	Templates for Discussion, Guidance and Guideline documents (DUBON)	-
TPPT_Guideline_A	05.2	Guidance for submitting treatments regarding soil and growing media associated with plants (CANNON/JESSUP)	2012-05-23
TPPT_Guideline_B	05.3	Guidelines: Cold Treatments (JESSUP/WILLINK/BAXTER)	2012-05-23
TPPT_Guideline_C	05.3	Guidelines: Vapour Heat Treatments (PARK)	2012-05-23
TPPT_Guideline_D	05.3	Guidelines: Forced Air Heat Treatments (ORMSBY)	2012-05-23
TPPT_Guideline_E	05.3	Guidelines: Hot Water Treatments (CANNON/WOOD)	2012-05-23
TPPT_Guideline_F	05.3	Guidelines: Cold Treatment for Fruit (WOOD)	2012-05-23
TPPT_Guideline_G	05.3	Guidelines: Dielectric Heating (ORMSBY)	-
TPPT_Guideline_H	05.4	Guidelines: TPPT Criteria for Treatment Evaluation (ORMSBY)	2012-05-23
TPPT_Guideline_I	05.5	Guidelines: hot air treatment for multiple insects, fruits, etc. (JESSUP)	-

Appendix 3 – Participants list

Participant role	Name, mailing, address, telephone	Email address	Term expires
Steward	Mr Antarjo DIKIN Director Applied Research Institute of Agricultural Quarantine Kab. Bekasi 17520, West Java INDONESIA Mob: +62 813 99155774 Tel: +62 21 82618923	antario_dikin@yahoo.com ; buttmkp@deptan.go.id ;	NA
Member	Mr Ray CANNON UNITED KINGDOM	Rcannon992@aol.com;	2013 – 1st Term
Member	Mr Andrew JESSUP Senior Research Horticulturist NSW Department of Primary Industries Locked Bag 26, GOSFORD NSW 2250 AUSTRALIA Tel: +02 4348 1965	andrew.jessup@dpi.nsw.gov.au;	2014 – 1st Term
Member	Mr Michael ORMSBY Senior Adviser, Plant Risk Analysis Biosecurity New Zealand Ministry of Agriculture & Forestry P.O Box 2526, Wellington, NEW ZEALAND Tel: +64 4 8940486	Michael.Ormsby@maf.govt.nz ;	2013 – 1st Term
Member	Mr Min-Goo PARK Division of Pest survey and Control National Plant Quarantine Service Ministry of Agriculture and Forestry Anyang-6 dong, Anyang city, Gyeonggi Prov. P.O. 430-016 REPUBLIC OF KOREA Ph: +82 31 441 6982	mgpark@npgs.go.kr ;	2014 – 1st Term
Member	Mr Eduardo WILLINK Estación Experimental Agroindustrial Obispo Colombres, P.O.Box 9, Las Talitas (4101) Tucumán ARGENTINA Tel: +54 381-4276561 ext. 154	ewillink@eeaoc.org.ar ; ewillink@arnet.com.ar ;	2013 – 1st Term

Participant role	Name, mailing, address, telephone	Email address	Term expires
Member	<p>Mr Scott WOOD Center for Plant Health Science Technology Plant Protection and Quarantine Animal and Plant Health Inspection Service U.S. Department of Agriculture 1730 Varsity Drive, Suite 400 Raleigh, NC 27606-5202 USA</p> <p>Tel: +1 919 855 7451</p>	Scott.Wood@aphis.usda.gov;	2013 – 1st Term
IPPC Secretariat	<p>Mr Larry ZETTLER International Plant Protection Convention Food and Agriculture Organization of the United Nations 920 Rahn Station Rd Rincon, GA 31326 USA</p> <p>Tel: +1 912 754 9907 Mob: +1 912 547 9677</p>	Larry.Zettler@fao.org;	NA
IPPC Secretariat	<p>Ms Stephanie DUBON International Plant Protection Convention Food and Agriculture Organization of the United Nations Viale delle Terme di Caracalla 00153 Rome ITALY</p> <p>Tel: +39 06 5705 3806</p>	Stephanie.Dubon@fao.org;	NA

Appendix 4 – TPPT work programme

Updated: 2012-07-17

Note: status of work on treatments is documented in the List of topics

DUE DATE	RESPONSIBLE	ACTION	RELEVAN TREATMENT/ DOCUMENT
1 August 2012	DUBON	Send letters to submitters asking for more information, follow-up, final notice	2007-105, 2009-108, 2009-109, 2007-103, 2009-105, 2010-106, 2010-107
1 September 2012	WOOD/PARK	The PT leads for 2010-106 and 2010-107 will draft a letter to be sent to the submitter asking for the specific information needed	2010-106 and 2010-107
1 September 2012	JESSUP (with review by WOOD and ORMSBY)	Two panel members agreed to draft a response addressing the SC's concerns about damage to the fruit	2007-206C and 2007-206G
1 September 2012	All members	Send any suggested consultants to the Secretariat TPPT Leads for consideration	NA
1 September 2012	ORMSBY, WOOD and WANG	Developing a guidance document for the draft PT <i>Heat treatment of wood packaging material using dielectric heating</i> (2007-114)	2007-114
1 September 2012	ORMSBY	The PT lead noted that the efficacy data (ED values) were still pending for PTs 2007-206B and 2007-206A. Once the ED values were received, the treatments would be recommended to the SC. Ormsby to draft a short statement on what data were needed (see agenda item 4 from 2012 May TPPT virtual meeting)	2007-206A and 2007-206B
1 September 2012	All members	TPPT to submit data in response to the call for PTs	NA