



REPORT

Technical Panel on Diagnostic Protocols April 2015

Virtual Meeting
08 April



Food and Agriculture Organization of the United Nation

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1. Opening of the meeting

- [1] The IPPC Secretariat welcomed the participants of the Technical Panel on Diagnostic Protocols (TPDP) to the meeting. In attendance were:
- Ms Jane Chard (Steward, United Kingdom)
 - Mr Norman B. BARR (USA)
 - Ms Juliet GOLDSMITH (Jamaica)
 - Geraldine ANTOINE (France)
 - Mr Delano JAMES (Canada)
 - Ms Adriana G. MOREIRA (IPPC Secretariat)
 - Mr Nuri NIYAZI (IPPC Secretariat)
 - Ms Yosra CHABAANE (IPPC Secretariat)
- [2] The full list of TPDP members and their contact details can be found on the International Phytosanitary Portal (IPP)¹.
- [3] The Secretariat reminded the participants of the use of the Adobe Connect tool.
- [4] The Secretariat introduced the agenda and it was adopted as presented in Appendix 1 of this report.

Election of rapporteur

- [5] Mr Delano JAMES was elected as the rapporteur.

2. 2015 Expert Consultation

Draft DPs for 2015 Expert Consultation

- [6] The Secretariat provided an update on the draft diagnostic protocols (DPs) that were submitted to the Expert Consultations² this year, as follows:

First Expert Consultation on draft DPs from 09 March to 24 April 2015

- *Fusarium moniliformis* / *moniforme* syn. *F. circinatum* (2006-021)
- *Phytophthora ramorum* (2004-013)
- *Dendroctonus ponderosae* syn. *Scolytus scolytus* (2006-019)

Second Expert Consultation on draft DPs from 24 March to 24 April 2015

- *Anguina* spp. (2013-003)

- [7] After closing the two Expert Consultations on draft DPs on 24 April, the Secretariat indicated that comments will be compiled and sent back to the respective discipline leads within a few days. The Secretariat pointed out that they received several requests to access the drafts but only a few comments were received to date.

Proposal of new schedule for Expert Consultation

- [8] The Secretariat introduced a paper³ that outlined a proposed schedule for Expert Consultation on draft DPs. It was mentioned that according to the TPDP work programme there are 11 draft DPs out of 28, which would be submitted to an expert consultation. It was pointed out that out of these 11 draft DPs,

¹ TPDP membership list: <https://www.ippc.int/core-activities/standards-setting/expert-drafting-groups/technical-panels/technical-panel-diagnostic-protocols>

² Expert Consultation on Draft Diagnostic Protocols (ECDP): <https://www.ippc.int/en/core-activities/expert-consultation-draft-diagnostic-protocols/>

³ 03_TPDP_2015_Apr

2 drafts are under “pending status”⁴ and 1 DP is on hold due the fact that authors cannot be found. Consequently, it was noted that for the upcoming expert consultations only 9 draft DPs would be submitted.

- [9] Envisaging the delivery of the TPDP work programme in the upcoming years, it was proposed to have at least two more expert consultations on draft DPs in 2015 (which will occur in the 3rd or 4th quarter of 2015) and four expert consultation periods in 2016. There will be detailed discussions on these draft DPs in the virtual meetings, as necessary.
- [10] The panel noted the update and agreed with the proposed schedule for expert consultations, a more precise schedule will be provided at the face-to-face meeting (22-26 June 2015, Shanghai). . It was suggested that this schedule could also be shared with the DP drafting groups as a means to inform them and to obtain their engagement and understanding of the importance of meeting the deadlines.
- [11] In addition, the Secretariat proposed an exception to discuss the draft DP on *Liberibacter solanacearum* (2013-001) at the TPDP June 2015 face to face meeting before submitting it to an expert consultation as this draft will not be ready until the end of May 2015. The expert consultation would then take place later in 2015 and the TPDP would have an opportunity for a final agreement via a virtual meeting or an e-decision. It was explained that it was hoped to have this DP submitted for member consultation in 2016, otherwise this draft DP would be delayed in the standard setting process by one year. The panel agreed with this proposal and the draft DP for *Liberibacter solanacearum* (2013-001) will be included at the TPDP June 2015 meeting agenda.

3. Preparation to the 2015 TPDP June meeting

- [12] The Secretariat reminded the panel that the invitation letter had been sent out and confirmed that the meeting will be held in Shanghai and thanked the Chinese NPPO for their efforts to organize this meeting. It was mentioned that the invitation letter and the Local Information document are also posted on the IPP at the TPDP restricted work area⁵.
- [13] The Secretariat reminded the participants of the following deadlines and listed the draft DPs that will be discussed at the meeting.
- **11 May:** hotel registration need to be finalised
 - **15 May:** submission deadline for draft DPs listed below. The secretariat stressed that it is important for TPDP members to also submit the checklist⁶ which should be completed by the discipline leads and referees.
 - *Fusarium moniliformis* / *moniforme* syn. *F. circinatum* (2006-021)
 - *Phytophthora ramorum* (2004-013)
 - *Dendroctonus ponderosae* syn. *Scolytus scolytus* (2006-019)
 - *Anguina* spp. (2013-003)
 - *Liberibacter solanacearum* (2013-001)
 - **25 May:** submission of other discussion papers.

⁴ List of topics for IPPC standards: <https://www.ippc.int/en/core-activities/standards-setting/list-topics-ippc-standards/>

⁵ 2015 TPDP meeting page: <https://www.ippc.int/en/work-area-pages/technical-panel-on-diagnostic-protocols-tpdp/2015-june-shanghai/>

⁶ Checklist for TPDP discipline leads and referee (restricted work area page): <https://www.ippc.int/en/work-area-publications/5421/>

4. Review of experts associated with the TPDP work programme

[14] The Secretariat introduced the paper presenting the nominated experts⁷ and pointed out that there were 3 DP drafting groups to be completed or formed as decided in the TPDP February 2015 virtual meeting⁸. It was mentioned that potential authors were identified for the DP drafting groups for *Striga* spp. (2008-009) and *Conotrachelus nenuphar* (2013-002), but none for *Anoplophora* spp. (2004-020).

[15] The TPDP reviewed the nominees' CVs and decisions were made as indicated below:

- ***Striga* spp. (2008-009):** The panel selected Ms Ruoqing WANG (Canada) to join the DP drafting group as co-author.
- ***Conotrachelus nenuphar* (2013-002):** The panel selected Ms Juliet GOLDSMITH (Jamaica) and Mr Charles W. O'BRIEN (USA) to be part of the DP drafting group as co-authors. In addition, the discipline lead for this subject agreed to provide feedback regarding additional experts already contacted or to be contacted.
- ***Anoplophora* spp. (2004-020):** Regarding this draft DP, contact had been made with the original DP drafting group. However, no positive responses were received from the authors regarding their commitment to work on this draft. The TPDP noted the importance of this pest and supports the need to develop an internationally harmonized DP. The TPDP now seeks guidance from the Standards Committee (SC) on how to proceed, particularly as no experts have been nominated and the TPDP has not been able to identify experts.

[16] The TPDP invited the SC to:

- (1) *provide* guidance on how to proceed in the development of an international harmonized diagnostic protocol for *Anoplophora* spp. (2004-020) including *providing guidance and support* on identifying experts (e.g. new call for DP authors, "handpicking" experts).

5. Update on DPs status

[17] Draft DPs for approval for the July 2015 member consultation. The Secretariat updated the participants and mentioned that 3 draft DPs are intended to be submitted to the SC, via e-decision, for approval for July 2015 member consultation, as follows:

- ***Sorghum halpense* (2006-027):** this DP was submitted to SC e-decision⁹ (from 1st to 15 April 2015).
- ***Aphelenchoides besseyi*, *A. ritzemabosi* and *A. fragariae* (2006-025):** the Secretariat informed that this draft was submitted to a TPDP e-decision forum¹⁰ discussion and there were some comments that would need to be addressed and the draft DP revised accordingly by the discipline lead with input from the DP drafting group. Hence the panel did not reach consensus, in the TPDP e-decision forum, to submit this draft to the SC for approval for member consultation, the discipline lead mentioned that the DP drafting group was addressing all the TPDP comments. As a result, the panel agreed that the draft DP, revised by the discipline lead and DP drafting group could go directly to an SC e-decision without opening a TPDP poll.
- ***Xanthomonas fragariae* (2004-012):** the panel members were informed that this draft DP will be submitted for them via e-decision from 13 to 27 April 2015. After the TPDP e-decision, this draft DP will be submitted to the SC via an SC e-decision.

⁷ 04_TPDP_2015_Apr

⁸ 2015 TPDP February virtual meeting report: <https://www.ippc.int/en/work-area-publications/80380/>

⁹ 2015_eSC_May_05

¹⁰ 2015_eTPDP_March_01

- [18] Draft DPs for approval for the 45 days notification period (01 July – 15 August 2015). The Secretariat informed the TPDP that two draft DPs, Genus *Anastrepha* (2004-015) and *Ditylenchus destructor* / *D. dipsaci* (2004-017), are intended to be submitted for SC e-decisions for approval for the DP notification period starting on 01 July 2015. The panel members were reminded that prior to this step, the draft DPs and the responses to member's comments should be approved by the panel. A TPDP e-decision will be opened soon on these 2 drafts.
- [19] Regarding the draft DPs on *Erwinia amylovora* (2004-009) and Phytoplasmas (general) (2004-018), originally planned to be submitted to the SC for approval for the DP notification starting on 01 July 2015, the Secretariat informed the panel members that the DP drafting groups are still revising them. Updated information will be given via email.
- [20] Finally, the Secretariat encouraged the panel to participate actively in the e-forums in order to help improve the quality of the draft DPs.

6. Updates from other relevant IPPC meetings

CPM-10 (2015)

- [21] The Secretariat updated the participants on the tenth session of the Commission on Phytosanitary Measures (CPM-10, 2015)¹¹ on the points related to pest diagnostics¹². The main points were as follows:
- The SC Chairperson summarized the activities undertaken by the SC since CPM-9 (2014) and acknowledged the work done by many experts, including the TPDP and DP drafting groups. She urged CPM members to continue to nominate and support experts to be involved in standard setting activities.
 - The CPM noted the three diagnostic protocols adopted as Annexes to ISPM 27 (*Diagnostic protocols for regulated pests*)¹³ and acknowledged the contracting parties that contributed to the development of these DPs by nominating TPDP members, authors for DP drafting groups, and hosting TPDP meetings:
 - DP 5: *Phyllosticta citricarpa* (McAlpine) Aa on fruit
 - DP 6: *Xanthomonas citri* subsp. *citri*
 - DP 7: *Potato spindle tuber viroid*.
 - ISO: The CPM noted the activities of the IPPC Secretariat in relation to International Organisations, including the International Organization for Standardization (ISO). The Secretariat informed the CPM that ISO, through a working group (WG4), restarted the development of the ISO Plant pathogen related standard called ISO/TC 34/SC 16/ 13484: Molecular Biomarker Analysis: General requirements for molecular biology analysis for detection and identification of plant pests. It was mentioned that there is no forecast as to when this draft standard will be presented to the ISO committee for comments, but it is likely to be presented in 2015. CPM members may wish to follow the development of this ISO standard and submit comments through their national ISO contact point when the ISO commenting period opens. It was highlighted that CPM-8 (2013) agreed that ISO standards are not mandatory for implementation of ISPMs and that in the phytosanitary area ISPMs take precedence over ISO standards.
 - The CPM agreed to begin the development of a CPM recommendation on pest diagnosis. The European Union had prepared an initial draft which will be submitted to a consultation period. In the meantime, Contracting Parties were requested to submit their comments on the initial draft to the EU by 15 May 2015.

¹¹ CPM-10 (2015): <https://www.ippc.int/en/core-activities/governance/cpm/>

¹² 05_TPDP_2015_Apr

¹³ List of adopted ISPMs: <https://www.ippc.int/en/core-activities/standards-setting/ispm/>

- Special Topics Session: during the special topics session¹⁴, one presentation focused on diagnostics. It was titled: EPPO programme on diagnostics: serving the needs of plant pest diagnostic laboratories and was prepared by Françoise Petter, Madeleine McMullen, Baldissera Giovanni (EPPO Secretariat). It proposed that reliable identification of plant pests and pathogens is one of the key capabilities underlying the work of NPPOs.
- Side Sessions: One CPM-10 side session was about the development of a Plant Pest and Disease Diagnostic manual under the direction of the Capacity Development Committee. This manual has been developed in cooperation with Plant Health and Environment Laboratory (PHEL), New Zealand to support NPPOs to develop a plant pest diagnostic laboratory to carry out entomological, bacteriological, mycological, nematological and virological testing of plant pests and diseases. The CPM was informed that there is no commenting period and that the manual will be available in July 2015.
- The winners of the IPPC photo contest “Pests without borders”¹⁵: Mr Thomas Schröder won the first prize for his picture describing a young larva (*Aproceros leucopoda*) feeding on *Ulmus* cultivar ‘Resista’.

[22] Further information related to CPM-10 will be presented in more details in the TPDP face to face meeting, in June 2015.

Upcoming SC May 2015

[23] The secretariat reminded the panel that the SC will meet in Rome, from 04 to 08 May 2015 and that the SC May meeting is when the technical panels give a full report back to the SC. The Secretariat, on behalf of the TPDP, will be giving this report and highlighting the recommendation agreed by the panel.

[24] In addition, as an outcome from this virtual meeting (2015 TPDP April), the Secretariat pointed out that it will work with the discipline lead to draft the SC recommendation with regards to the status of the draft diagnostic protocol for *Anoplophora* spp. (2004-020).

[25] The outcomes of the 2015 SC May meeting related to diagnostics will be presented to the TPDP at the next face to face meeting, June 2015.

6. Other business

[26] No other business was discussed.

7. Closing of the meeting

[27] The Secretariat thanked the panel members for their work and participation in the meeting and closed the meeting.

¹⁴ CPM 2015/INF/06

¹⁵ IPPC photo contest “Pests without borders”: <http://www.phytoprotective.info/photo-contest>

APPENDIX 1: Agenda

AGENDA ITEM	DOCUMENT NO.	PRESENTER
1. Opening of the meeting		
<ul style="list-style-type: none"> • Welcome by the IPPC Secretariat and introductions • Adoption of the agenda and election of rapporteur 	02_TPDP_2015_Apr 01_TPDP_2015_Apr	MOREIRA / ALL CHABAANE
2. 2015 Expert Consultation		
<ul style="list-style-type: none"> ❖ Draft DPs for 2015 Expert Consultation ❖ Proposal of new schedule for Expert Consultation 	03_TPDP_2015_Apr	MOREIRA / CHABAANE
3. Preparation to the 2015 TPDP June meeting		
<ul style="list-style-type: none"> ❖ Points for the meeting agenda <ul style="list-style-type: none"> • Draft DPs to be prepared • Discussion papers to be prepared 	-	MOREIRA / CHABAANE
4. Review of experts associated with the TPDP work programme		
<ul style="list-style-type: none"> ❖ <i>Striga</i> spp. (2008-009) ❖ <i>Conotrachelus nenuphar</i> (2013-002) ❖ <i>Anoplophora</i> spp. (2004-020) 	04_TPDP_2015_Apr_Rev	CHABAANE/ALL
5. Update on DPs status		
<ul style="list-style-type: none"> ❖ Drafts for 2015 July Member Consultation ❖ Drafts for the 45 days-Notification periods 	-	CHABAANE/ ALL
6. Updates from other relevant IPPC meetings		
<ul style="list-style-type: none"> ❖ CPM-10 (2015) ❖ Upcoming SC May 2015 	05_TPDP_2015_Apr	MOREIRA
7. Other Business	-	MOREIRA
8. Close of the meeting	-	MOREIRA