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REPORT

Technical Panel on Diagnostic Protocols (TPDP)

**Virtual Meeting
10 September 2020**

IPPC Secretariat

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1. Opening of the Meeting

1.1 Welcome

- [1] The Standard Setting Officer, Ms Adriana G. MOREIRA, from the International Plant Protection Convention (IPPC) Secretariat (hereafter referred to as the “IPPC Secretariat”), welcomed the participants of the first virtual meeting of the Technical Panel on Diagnostic Protocols (TPDP) in 2020 with a particular welcome to the new members Ms Julie PATTEMORE, Ms Yazmin RIVERA who are experts in Mycology and Ms Vessela MAVRODIEVA who is an expert in Virology. It was acknowledged that Ms Liping YIN was not able to attend the meeting.

2. Meeting Arrangements

2.1 Selection of the Rapporteur

- [2] Ms Juliet GOLDSMITH (Caribbean Agricultural Health and Food Safety Agency) was selected as Rapporteur.

2.3 Adoption of the agenda

- [3] The TPDP adopted the agenda (Appendix 1).

3. Administrative Matters

- [4] The IPPC Secretariat introduced the Documents list (Appendix 2) and the Participants list (Appendix 3). The participants were reminded to update their contact information if necessary, as it is reflected in the TPDP membership list¹ on the International Phytosanitary Portal (IPP – www.ippc.int).
- [5] Prior to the opening of the meeting, the Secretariat had briefly provided guidance on Zoom meetings.

4. The TPDP Work Programme

4.1 Review of the standard setting process

- [6] The IPPC Secretariat presented a brief overview of the Standard setting process² with particular emphasis on the specific process for development of diagnostic protocols. The IPPC Secretariat recalled that diagnostic protocols (DPs) are developed as annexes of International Standard for Phytosanitary Measures (ISPM) 27 (*Diagnostic protocols for regulated pests*) under the supervision of the Standards Committee (SC)³.

4.2 Overview of the TPDP work programme

- [7] The IPPC Secretariat presented the relevant document to which were attached the overview of the TPDP work programme presented to the SC in their July 2020 virtual meeting and Specification TP 1 (*Technical Panel on Diagnostic Protocols*)⁴. There are currently 19 subjects (diagnostic protocols (DPs)) in the TPDP work programme at various stages of development. These are as follows:

- (1) Genus *Ceratitis* (2016-001), priority 1 (under development)
- (2) *Striga* spp. (2008-009), priority 1 (under development)
- (3) Tephritidae: Identification of immature stages of fruit flies of economic importance by molecular techniques (2006-028), priority 1 (“pending status”)

¹ TPDP membership list: <https://www.ippc.int/en/publications/81560/>

² Standard setting process: <https://www.ippc.int/en/publications/133/>. See also *IPPC procedure manual for standard setting*: <https://www.ippc.int/en/publications/85024/>

³ Standards Committee: <https://www.ippc.int/en/core-activities/standards-setting/standards-committee/>

⁴ <https://www.ippc.int/en/publications/1297/>

- (4) *Pyricularia oryzae* (syn. *Magnaporthe oryzae*) on *Triticum* (2019-002), priority 1 (under development)
- (5) *Microcyclus ulei* (2019-003), priority 1 (call for authors)
- (6) *Puccinia graminis* f. sp. *tritici* UG 99 (2019-004), priority 1 (under development)
- (7) *Mononychelus tanajoa* (2018-006), priority 1 (under development)
- (8) *Citrus leprosis virus* (2018-025), priority 1 (under development)
- (9) Psyllid vectors of *Candidatus Liberibacter solanacearum* (2018-030), priority 1 (under development)
- (10) Begomoviruses transmitted by *Bemisia tabaci* (2006-023), priority 2 (under development)
- (11) *Candidatus Liberibacter* spp. on *Citrus* spp. (2004-010), priority 2 (under development)
- (12) *Amaranthus palmeri* (2019-006), priority 2 (“new”)
- (13) *Solanum rostratum* (2019-007), priority 2 (“new”)
- (14) Pospiviroid species (except *Potato spindle tuber viroid* (DP 7)) (2018-031), priority 2 (“new”)
- (15) *Acidovorax avenae* subsp. *citrulli* (2018-032), priority 2 (“new”)
- (16) *Moniliophthora roreri* (2019-005), priority 3 (“new”)
- (17) *Meloidogyne mali* (2018-019), priority 3 (“new”)
- (18) *Cronartium comandrae* (2018-015), priority 4 (“new”)
- (19) Revision of DP 5 (*Phyllosticta citricarpa* (McAlpine)) Aa, (2019-011) No priority (“new”)

[8] Regarding the priority 1 subject *Microcyclus ulei* (2019-003), the IPPC Secretariat opened two calls for authors but did not receive any sufficient nominations. The TPDP members noted that experts do not need to have specifically worked on this pathogen but that expertise in this field is sufficient to draft the protocol. Ms Geraldine ANTHOINE informed the TPDP that there is some interest from experts in France who have worked on this pest but she mentioned that it is also beneficial to have someone on the drafting group that is experienced and familiar with standards documents. The TPDP agreed that this is the part of the role of the discipline lead and asked the Secretariat to reach out to the experts to gauge their interest in drafting the DP for *Microcyclus Ulei* (2019-003).

[9] As the panel welcomed new members for Mycology and Virology, the TPDP reviewed the subjects on the *List of Topics* and assigned discipline leads and referees for subjects according to Table 1. It was decided to keep an experienced member of the panel to act as a referee as a support for the new members who will be acting as discipline leads.

[10] In relation to the revision of DP 5 (*Phyllosticta citricarpa* (McAlpine)) Aa, (2019-011), the TPDP assigned the new TPDP member for Mycology, Ms Yazmin RIVERA and the TPDP felt it was a good time to start to progress this revision and therefore asked the SC to change the status from “pending” to “under development” on the *List of topics for IPPC standards*⁵.

⁵ *List of topics for IPPC standards*: <https://www.ippc.int/en/core-activities/standards-setting/list-topics-ippc-standards/list>.

Table 1. Discipline leads and referees assigned to new subjects for DPs entered in the TPDP work programme

Topic No	Title	Discipline lead	Referee
2018-025	<i>Citrus leprosis virus</i>	Mr Brendan RODONI	Mr Norman BARR Ms Vessela MAVRODIEVA
2019-010	<i>Pyricularia oryzae</i> (syn. <i>Magnaporthe oryzae</i>) on <i>Triticum</i>	Ms Julie PATTEMORE	M Brendan RODONI Ms Yazmin RIVERA
2019-003	<i>Microcyclus ulei</i>	Ms Julie PATTEMORE	Ms Géraldine ANTHOINE Ms Yazmin RIVERA
2019-004	<i>Puccinia graminis</i> f. sp. <i>tritici</i> UG 99	Ms Yazmin RIVERA	Mr Brendan RODONI Ms Julie PATTEMORE
2006-023	Begomoviruses transmitted by <i>Bemisia tabaci</i>	Mr Brendan RODONI	Ms Géraldine ANTHOINE Ms Vessela MAVRODIEVA
2018-031	Pospiviroid species (except <i>Potato spindle tuber viroid</i> (DP 7))	Ms Vessela MAVRODIEVA	Mr Brendan RODONI
2019-005	<i>Monilophthora roreri</i>	Ms Julie PATTEMORE	Ms Juliet GOLDSMITH Ms Yazmin RIVERA
2018-015	<i>Cronartium comandrae</i>	Ms Yazmin RIVERA	Ms Géraldine ANTHOINE Ms Julie PATTEMORE
2019-011	Revision of DP 5 (<i>Phyllosticta citricarpa</i> (McAlpine)) Aa	Ms Yazmin RIVERA	Mr Robert Taylor Ms Julie PATTEMORE

[11] In order to set up drafting groups, the IPPC Secretariat indicated that they could issue a call for authors for the remaining subjects on the TPDP work programme.

[12] The TPDP:

- (1) noted the current subjects in the TPDP work programme
- (2) assigned/reassigned discipline leads and referees to each subject;
- (3) asked the IPPC Secretariat to contact the recommended French experts to draft the DP for *Microcyclus Ulei* (2019-003)
- (4) asked the IPPC Secretariat to open a call for authors for the remaining subjects on the TPDP work programme
- (5) asked the SC to change the status for the Revision of DP 5 (*Phyllosticta citricarpa* (McAlpine)) Aa, (2019-011) from “pending” to “under development” in the *List of Topics for IPPC standards*.

4.3 TPDP 2020–2021 work plan

[13] The IPPC Secretariat presented agenda item 4.3 and noted that the document for this agenda item should be read in conjunction with the document under agenda item 4.2 on the TPDP work programme,

Draft DPs for consultation period in 2021 (01 July)

[14] From the current 19 subjects (i.e. diagnostic protocols) in the TPDP work programme, there are 9 under development that have the potential to be submitted to the next IPPC consultation period in July 2021.

[15] The TPDP reviewed these 9 DPs in the work programme and assigned timelines (according to the proposals presented in Appendix 4), where feasible to have these presented to the IPPC contracting

parties at the next consultation period in July 2021. It was recalled that any “new” draft DPs will need to undergo expert consultation⁶ prior to being discussed by the TPDP.

- [16] The Discipline lead for *Candidatus Liberibacter* spp. on *Citrus* spp. (2004-010) noted that as there is new information available about the pest and diagnosis, the draft DP will be shared with the TPDP in December 2020 for review and subsequent approval for consultation in July 2021.
- [17] The Discipline leads for the following new DPs agreed to have the first drafts to the IPPC Secretariat by 10 January 2021:
- Genus *Ceratitis* (2016-001),
 - *Pyricularia oryzae* (syn. *Magnaporthe oryzae*) on *Triticum* (2019-002),
 - *Mononychelus tanajoa* (2018-006),
 - Psyllid vectors of *Candidatus Liberibacter solanacearum* (2018-030)
- [18] There was still some discussions that need to take place with the drafting groups for the following draft DPs before the Discipline leads were comfortable committing to a timeline:
- *Puccinia graminis* f. sp. *tritici* UG 99 (2019-004)
 - *Citrus leprosis virus* (2018-025)
 - Revision of DP 5 (*Phyllosticta citricarpa* (McAlpine)) Aa, (2019-011)
- [19] Lastly, the draft DP for Begomoviruses transmitted by *Bemisia tabaci* (2006-023) was presented to TPDP previously but it did not go to expert consultation and further discussions need to take place on this draft. New scientific information is available and maybe the feasibility of this DP needs to be revisited.
- [20] The IPPC Secretariat reminded members that there has been discussions about updating the scope of three draft DPs (Tephritidae: Identification of immature stages of fruit flies of economic importance by molecular techniques (2006-028), *Puccinia graminis* f. sp. *tritici* UG 99 (2019-004) and *Citrus leprosis virus* (2018-025)). It is planned to discuss Tephritidae: Identification of immature stages of fruit flies of economic importance by molecular techniques (2006-028) at the next virtual meeting or via an e-decision forum with the aim to be approved for presentation to the IPPC Standards Committee (SC).

Revisions of adopted DPs

- [21] A task of the TPDP is to regularly review adopted DPs and identify the need for revisions, as outlined in Specification TP 1. Any requests for revisions need to be presented and agreed to by the SC.
- [22] At the last face-to-face meeting of the TPDP in 2019 there was a discussion on the possibility for revisions of DP 21: ‘*Candidatus Liberibacter solanacearum*’, DP 25: *Xylella fastidiosa* and DP 27: *Ips* spp. The IPPC Secretariat also received some requests for revisions of the adopted DP 3 *Trogoderma granarium* Everts and DP 9 Genus *Anastrepha* Schiner.
- [23] The discipline leads noted that we have documents for the following revisions and they will be presented to the TPDP for review at their next virtual meeting or via TPDP e-decision forum with the aim to be approved for presentation to the SC:
- Revision of DP 27: *Ips* spp.
 - Revision of DP 3: *Trogoderma granarium* Everts
 - Revision of DP 9: Genus *Anastrepha* Schiner

⁶ IPPC expert consultation on draft diagnostic protocols: <https://www.ippc.int/core-activities/expert-consultation-draft-diagnostic-protocols/>

- [24] One member mentioned the importance of progressing with the revision of DP 5 *Phyllosticta citricarpa* (McAlpine) Aa on fruit as it is already in the work plan.

Draft DPs for approval for DP Notification Period - 01 July 2021

- [25] The IPPC Secretariat informed the TPDP that the draft DP for *Striga* spp. (2008-009) is to be presented to the DP notification period in July 2021, i.e. adoption by the SC on behalf of the Commission on Phytosanitary Measures (CPM).
- [26] This draft went for consultation period in 2019 (2019: [Striga draft DP](#) and the [compiled comments](#)) however, there are still some technical comments that need to be addressed and for the TPDP to review.
- [27] The current plan is to have the revised draft back to the Secretariat by December 2020 to be reviewed by the TPDP at the February meeting before going for DP Notification Period.

Other documents

- [28] As part of task 6 of the TPDP Specification TP 01, the TPDP reviews / revises the following documents annually:
- “Quality assurance issues associated with diagnostic protocols for regulated pests”
 - “Best practices for sequencing: Using DNA sequences to diagnose a pest”
 - “Interpretation of results from LAMP tests”
- [29] Due to the current situation of the cancellation of the face-to-face meeting, the IPPC Secretariat suggested that TPDP e-decisions and forums can be open for the review or revisions of these documents.
- [30] Mr Norman BARR noted the document on “Interpretation of results from LAMP tests” needs to be reviewed and he will take it as an action item and update the TPDP in due course.
- [31] The TPDP also reviews / revises the [Instruction to authors](#), its [working procedures](#) and the [checklists for discipline leads and referees](#) and it was mentioned that if any TPDP member identifies the need for a revision of these documents at any time, they can simply inform the IPPC Secretariat.
- [32] To facilitate references, a list of action points is provided in Appendix 5 of this report. The action list reflects action points arising from this meeting and also from previous TPDP meeting.
- [33] The TPDP:
- (6) *discussed and assigned* the 2020-2021 work plan proposals (as per Appendix 4) for the current subjects in the TPDP work programme to reach first consultation in July 2021
 - (7) *noted* the 2020-2021 work plan for *Striga* spp. (2008-009) to reach DP Notification Period in July 2021
 - (8) *reviewed* the need of revisions for adopted diagnostic protocols
 - (9) *discussed and provided recommendation* on how to proceed with the TPDP documents and that an e-forum will be open for the document on quality assurance.

6. Updates from relevant IPPC bodies and activities

- [34] This IPPC Secretariat presented the paper on relevant IPPC meetings and activities.
- [35] The members were informed that the International Plant Health Conference (IPHC) conference in Helsinki has been moved to June 2021.
- [36] Regarding the IPPC Strategic Framework 2020-2030 and the “Diagnostic laboratory networking” development agenda, discussed at the 2019-08 TPDP meeting, the IPPC Secretariat is drafting a concept note on that will be presented to the CPM Bureau and Strategic Planning Group (SPG) for further discussion.
- [37] The TPDP was reminded that there will be a Call for topics: standards and implementation in 2021.

[38] The TPDP:

(10) *noted* the updates on other IPPC meetings / activities

7. Any Other Business

[39] There was no other business.

8. Close of the Meeting

[40] The IPPC Secretariat proposed the need for another meeting in mid-October, the end of November and perhaps before year-end. The TPDP agreed and the IPPC Secretariat will send out a Doodle polls to decide on the exact date and time of the meetings.

[41] The IPPC Secretariat closed the meeting and thanked the participants for their active participation. The contributions of Ms Janyani Nimanthika WATHUKARAGE were particularly noted as this was her final meeting with the TPDP as she is no longer available to be a member of the Standards Committee and is consequently stepping down as the Steward of the TPDP.

Appendix 1: Agenda**2020 VIRTUAL MEETING of the
TECHNICAL PANEL ON DIAGNOSTIC PROTOCOLS (TPDP)****10 September 2020****AGENDA**

Agenda Item	Document No.	Presenter
1. Opening of the Meeting		
1.1 Welcome by the IPPC Secretariat	--	MOREIRA CASSIN
2. Meeting Arrangements	--	
2.1 Selection of the Rapporteur	--	MOREIRA
2.2 Adoption of the Agenda	01_TPDP_Tel_2020_Sep	MOREIRA
3. Administrative Matters	--	
3.1 Documents list	02_TPDP_Tel_2020_Sep	CASSIN
3.2 Participants list	03_TPDP_Tel_2020_Sep TPDP membership list	
3.3 Connections to Zoom and virtual meetings	Short guideline for participants	
4. The IPPC TPDP work programme		
4.1 Review of IPPC standard setting process	Link to IPPC standard setting process Link to the IPPC Procedure Manual for Standard Setting	CASSIN /MOREIRA
4.2 Overview of the TPDP work programme: - TPDP approved specification TP 01 - Diagnostic protocols (DPs) in the work programme - Update of the TPDP work programme - Status of drafting groups and DPs' development	04_TPDP_Tel_2020_Sep Link to specification TP 01 Link to List of topics for IPPC Standards Link to IPPC DPs drafting groups list	MOREIRA / WATHUKARAGE (Steward) / ALL
4.3 Tentative TPDP work plan 2020-2021	05_TPDP_Tel_2020_Sep	MOREIRA / ALL
5. Updates from relevant IPPC bodies and activities		

Agenda Item		Document No.	Presenter
5.1	Relevant updates from other IPPC meetings / activities: <ul style="list-style-type: none"> - Updates and recommendations from Standards Committee (SC) - Potential impacts of the IPPC strategic framework 2020-2030 in the TPDP work: Diagnostic laboratory networking - Call for topics: standards and implementation 	06_TPDP Tel_2020_Sep Link to SC meeting reports Link to IPPC Strategic Framework 2020-2030⁷	CASSIN / WATHUKARAGE
6.	Any other business	-	
7.	Closing of the meeting <ul style="list-style-type: none"> - Recommendations to SC or IPPC Secretariat - Next virtual meeting date 	-	MOREIRA

⁷ IPPC Strategic Framework 2020-2030 as presented to the Commission on Phytosanitary Measures (CPM-15, to take place in 2021). Slight adjustments will be made. Link: <https://www.ippc.int/en/publications/88125/>

Appendix 2: Documents list**2020 VIRTUAL MEETING of the
TECHNICAL PANEL ON DIAGNOSTIC PROTOCOLS (TPDP)****10 September 2020***(Documents are presented in the order of the document numbers)*

DOCUMENT NO.	AGENDA ITEM	DOCUMENT TITLE	POSTED
01_TPDP_Tel_2020_Sep	2.3	Agenda	2020-09-03
02_TPDP_Tel_2020_Sep	3.1	Documents list	2020-09-03
03_TPDP_Tel_2020_Sep	3.2	Participants list	2020-09-09
04_TPDP_Tel_2020_Sep	4.2	Overview of the TPDP work programme	2020-09-03
05_TPDP_Tel_2020_Sep	4.3	Tentative TPDP work plan 2020-2021	2020-09-03
06_TPDP_Tel_2020_Sep	5.1	Relevant updates from other IPPC meetings / activities	2020-09-03

Documents links (presented in the order of the agenda items)

Links	AGENDA ITEM	DOCUMENT LINK
TPDP Membership list	3.2	TPDP membership list
Short guideline for participants	3.3	Short guideline for participants
IPPC standard setting process	4.1	Link to IPPC standard setting process
IPPC Procedure Manual for Standard Setting	4.1	Link to the IPPC Procedure Manual for Standard Setting
TPDP Specification TP 1	4.2	TPDP specification TP 1
List of topics for IPPC Standards (LOT)	4.2	Link to List of topics for IPPC Standards
IPPC DPs drafting groups list	4.2	Link to IPPC DPs drafting groups list
Standards Committee (SC) meeting reports	5.1	Link to SC meeting reports
IPPC Strategic Framework 2020-2030	5.1	Link to IPPC Strategic Framework 2020-2030⁸

⁸ IPPC Strategic Framework 2020-2030 as presented to the Commission on Phytosanitary Measures (CPM-15, to take place in 2021). Slight adjustments will be made. Link: <https://www.ippc.int/en/publications/88125/>

Appendix 3: Participants list

2020 VIRTUAL MEETING of the TECHNICAL PANEL ON DIAGNOSTIC PROTOCOLS (TPDP)

10 September 2020 PARTICIPANTS LIST

A check (✓) in column 1 indicates confirmed attendance at the meeting by the time this paper was posted.

	Participant role	Name, mailing, address, telephone	Email address	Term begins	Term ends
✓	Steward	Ms Jayani Nimanthika WATHUKARAGE National Plant Quarantine Service, Canada Friendship Road, Katunayake, SRI LANKA Tel : +94718015660 Fax : +94112253709	jayaninimanthika@gmail.com		
✓	Assistant Steward	Mr Álvaro SEPÚLVEDA LUQUE Servicio Agrícola y Ganadero División de Protección Agrícola y Forestal Av. Presidente Bulnes 140, 4 th floor, Santiago, CHILE Tel: + 56-2 234 5120	alvaro.sepulveda@sag.gob.cl		
✓	Bacteriology	Mr Robert TAYLOR Plant Health & Environment Laboratory New Zealand Ministry for Primary Industries 231 Morrin Road St Johns PO Box 2095 Auckland 1140 New Zealand Tel: (+64) 9 909 3548 Fax: (+64) 9 909 5739	Robert.Taylor@mpi.govt.nz	May 2011	2021 (2 nd term 2016-2021)
	Botany	Ms Liping YIN Plant Quarantine Laboratory Animal and Plant Inspection and Quarantine Technology Center Shanghai Entry-Exit Inspection and Quarantine Bureau 1208 Minsheng Road Shanghai, 200135 China Tel: (+86) 21 6854 0577 Fax: (+86) 21 6854 6481	yinlp@shciq.gov.cn ; yinlp2013@hotmail.com	April 2008	April 2023 (3 rd term)

	Participant role	Name, mailing, address, telephone	Email address	Term begins	Term ends
✓	Entomology	Mr Norman B. BARR Assistant Director Mission Laboratory 22675 N. Moorefield Rd. Moore Air Base Bldg. S-6414 Edinburg, TX 78541 USA Tel. (+1) 956 205 7658 Fax: (+1) 956 205 7680	Norman.B.Barr@aphis.usda.gov	July 2012	2022 (2 nd term 2017-2022)
✓	Entomology	Ms Juliet GOLDSMITH Plant Health Specialist Caribbean Agricultural Health and Food Safety Agency (CAHFSA) Letitia Vriesdelaan 10 Paramaribo Suriname Tel: (+597) 422 546 Mobile: (+597) 725 2922	julietgoldsmith@gmail.com	November 2014	2019 (2 nd term 2019-2024)
✓	Nematology	Ms G�eraldine ANTHOINE Directrice adjointe / Deputy head Chef d'unit� coordination de la r�f�rence / Head of unit "coordination of reference activities" 7 rue Jean Dixm�ras 49044 ANGERS cedex 01 France Tel: (33) 241207431 Fax: (33) 240207430	geraldine.anthoine@anses.fr	April 2009	2019 3 rd term 2019- 2024)
✓	Virology, and backup for bacteriology	Mr Brendan RODONI Biosciences Research Division AgriBio Centre Ring Road La Trobe University Bundoora 3083 Australia Tel: (+61) 3 9032 7319 Fax: (+61) 3 9800 3521	brendan.rodoni@ecodev.vic.gov.au <u></u>	July 2012	2022 (2 nd term 2017-2022)
✓	Virology	Ms Vessela Assenova MAVRODIEVA Assistant Laboratory Director, USDA APHIS, PPQ, Beltsville, MD, USA Tel: (+1) 301-313-9208	vessela.a.mavrodieva@usda.gov ;	March 2020	March 2025
✓	Mycology	Ms Julie PATTEMORE Assistant Director: Plant Pathology, Department of Agriculture, Water and the Environment, Melbourne, Australia Tel: (+61) 3 83186957	julie.pattmore@awe.gov.au	March 2020	March 2025

	Participant role	Name, mailing, address, telephone	Email address	Term begins	Term ends
✓	Mycology	Ms Yazmin RIVERA Molecular Biologist, USDA APHIS, PPQ, Beltsville, MD, USA Tel: (+1) 301-313-9273	Yazmin.Rivera@usda.gov ;	March 2020	March 2025
✓	IPPC Secretariat Lead	Ms Adriana MOREIRA Standards Officer / Deputy Assistant to Unit Leader IPPC Secretariat / FAO Viale delle Terme di Caracalla 00153 Rome, Italy Tel: (+39) 06 570 55809	Adriana.Moreira@fao.org ;		
✓	IPPC Secretariat Support	Ms Aoife Cassin Standard Setting Associate IPPC Secretariat / FAO Viale delle Terme di Caracalla 00153 Rome, Italy Tel: (+39) 06 57052 480	Aoife.Cassin@fao.org		

Appendix 4: Tentative timeline for draft diagnostic protocols

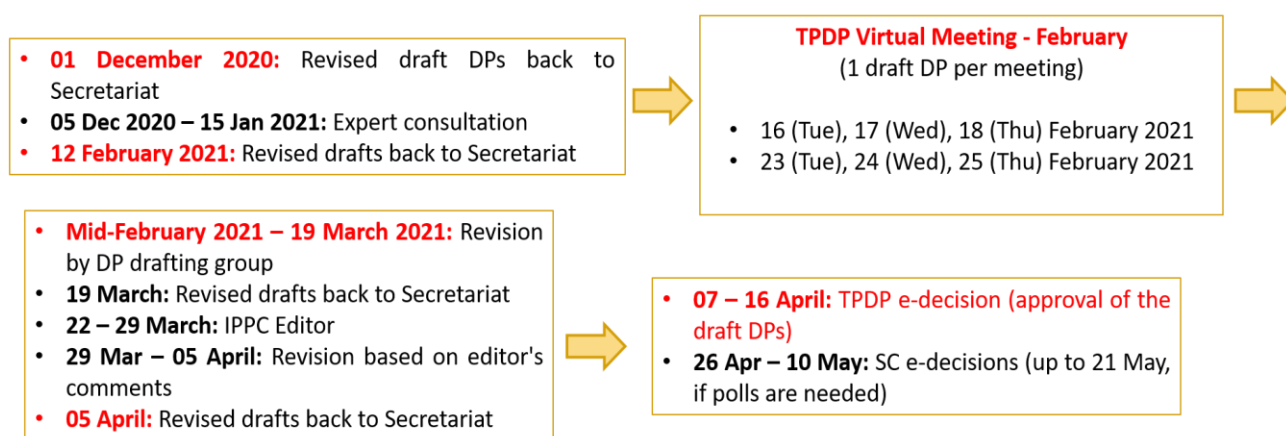
[42] **Objective:** Draft diagnostic protocols (DPs) approved for consultation period in 2021 (01 July)

[43] Main steps:

- Expert consultation on draft DPs
- TPDP discussion and approval
- IPPC Editor
- Standards Committee (SC) discussion and approval

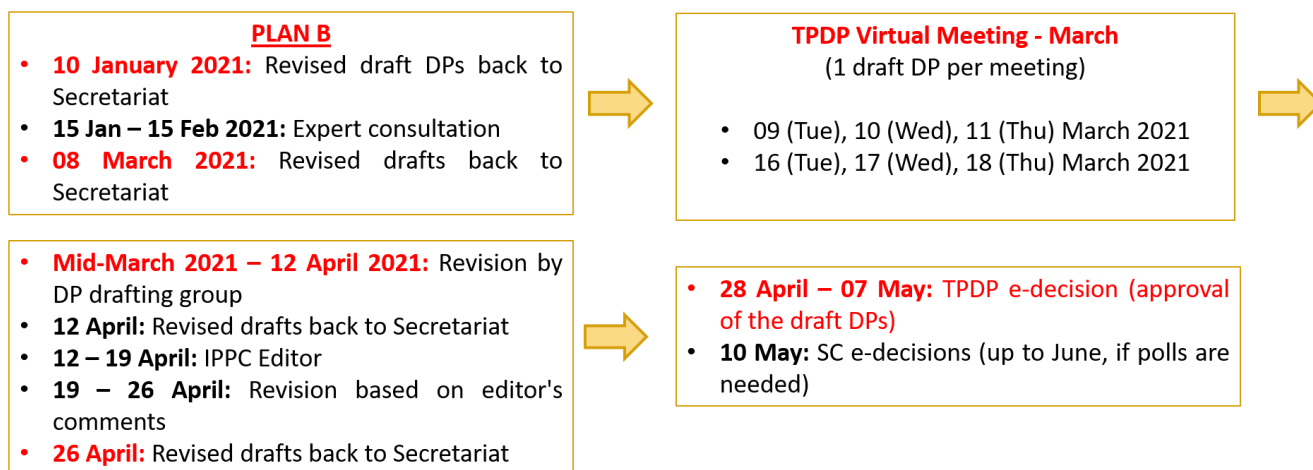
[44] **Plan A: Expert consultation 05 Dec 2020 – 15 January 2021**

Plan A: Expert consultation 05 Dec 2020 – 15 January 2021



[45] **Plan B: Expert consultation 15 January – 15 February 2021**

Plan B: Expert consultation 15 January – 15 February 2021



Appendix 5: Action points arising from the September 2020 TPDP meeting and previous 2019 TPDP meeting

ACTION POINTS ARISING FROM THE SEPTEMBER 2020 MEETING

(by agenda item)

	Action	Agenda Item	Responsible	Deadline
1.	The TPDP asked the IPPC Secretariat to contact the recommended French experts to draft the DP for <i>Microcyclus Ulei</i> (2019-003)	4.2	Secretariat	30 September 2020
2.	The TPDP asked IPPC Secretariat to organize Calls for authors for the remaining subjects for DPs, ensuring that the applicants are aware of the Standard setting process, including the deadlines, and organize a TPDP e-decision	4.2	Secretariat	1 December 2020
3.	The TPDP asked the SC to change the status for the Revision of DP 5 (<i>Phyllosticta citricarpa</i> (McAlpine)) Aa, (2019-011) from “pending” to “under development” in the <i>List of Topics for IPPC standards</i>	4.2	Secretariat / SC	30 September 2020
4.	The TPDP agreed that the for <i>Candidatus Liberibacter</i> spp. on <i>Citrus</i> spp. (2004-010) is to be transmitted to the IPPC Secretariat by 1 December 2020.	4.3	Discipline lead and DP drafting group	1 December 2020
5.	The TPDP agreed that the new drafts for Genus <i>Ceratitis</i> (2016-001), <i>Pyricularia oryzae</i> (syn. <i>Magnaporthe oryzae</i>) on <i>Triticum</i> (2019-002), <i>Mononychelus tanajoa</i> (2018-006), Psyllid vectors of <i>Candidatus Liberibacter Solanacearum</i> (2018-030) are transmitted to the IPPC Secretariat by 10 January 2021.	4.3	Discipline lead and DP drafting group	10 January 2021
6.	The TPDP asked Mr Norman BARR to review the documents for “Best practices for sequencing: Using DNA sequences to diagnose a pest” and “Interpretation of results from LAMP tests”	4.3	Mr Norman BARR	Next TPDP meeting

ACTION POINTS STILL PENDING FROM THE AUGUST 2019 MEETING⁹

Action (From 2019-08 TPDP meeting)	Responsible
The TPDP asked Mr Robert TAYLOR to liaise with EPPO in order to assess if DP 21 (<i>Candidatus Liberibacter solanacearum</i>) needs a revision, and if yes justify it, and provide a document on that subject for the next TPDP meeting.	Mr Robert TAYLOR
The TPDP asked Mr Robert TAYLOR to prepare a discussion paper regarding the need for revision of DP 25 (<i>Xylella fastidiosa</i>) for the next TPDP meeting	Mr Robert TAYLOR
(pending SC decision) The TPDP agreed that the TPDP gather different sources of information (manual, guides, videos) from different regions, in order to identify gaps in the existing diagnostic protocols.	Mr Robert TAYLOR supported by Ms Géraldine ANTHOINE
(pending SC decision) The TPDP recommended that a CPM recommendation on “Facilitating shipment and transport of reference material and specimens, to support diagnostic activities for regulated pests” be developed, and asked Mr Brendan RODONI and Ms Juliet GOLSMITH, supported by Ms Françoise PETTER, to draft a justification for that purpose to be discussed during the next TPDP meeting.	Mr Brendan RODONI and Ms Juliet GOLSMITH, supported by Ms Françoise PETTER
(pending SC decision) The TPDP is willing to take the lead in organizing the first international workshop on diagnostic laboratories in 2021, and asked Mr Norman BARR, supported by Mr Brendan RODONI, to draft a detailed proposal (justification, programme, resource mobilization) to be discussed during the next TPDP meeting.	Mr Norman BARR, supported by Mr Brendan RODONI

⁹ 2019-08 TPDP meeting report: <https://www.ippc.int/en/publications/88295/>