



REPORT

IPPC Regional Workshop for the Caribbean

**Christ Church, Barbados
13-15 September 2017**

IPPC Secretariat



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1.0 Opening of the session

- [1] Ms. Carol Thomas, International Agricultural Health & Food Safety Specialist, Inter-American Institute for Cooperation on Agriculture (IICA) Barbados delegation chaired the opening ceremony.

Host country opening statement

- [2] Mr. Leslie Brereton, Deputy Chief Agricultural Officer Crops, Ministry of Agriculture, Food, Fisheries and Water Resource Management, Barbados, welcomed all to the workshop. He mentioned the importance of the workshop and noted that as signatories to the World Trade Organization Sanitary and Phytosanitary Agreement (WTO- SPS Agreement) and the International Plant Protection Convention (IPPC), we have a responsibility to ensure that our countries' plant biodiversity were protected through the applications of measures which mitigate the risks of pest introduction whilst not using the same measures to unnecessarily restrict international trade in agricultural products. He indicated that in this fast-paced world, where nothing remains static, so too are the International Standards on Phytosanitary Measures (ISPMs) and that there are now forty-one (41) ISPMs. He stressed that it was incumbent on participants to submit their comments to the IPPC so that their voices may be heard. He wished the participants a fruitful meeting.

Co-organizers openings

- [3] Mrs. Ena Harvey (Representative, IICA Barbados Delegation) welcomed the participants to the workshop. She noted that IICA has always been at the forefront in assisting countries and that for some years support had been provided for the IPPC regional workshop by the 10th European Development Fund (EDF) Sanitary and Phytosanitary (SPS) Measures Project, which was implemented by IICA. She wished the participants a successful meeting.
- [4] Dr Vyju Lopez, Plant Production and Protection Officer, Food and Agriculture Organization of the United Nations (FAO) Barbados, welcomed all to the workshop and brought greetings from the FAO's Sub regional Office for the Caribbean. She highlighted that IPPC regional workshops have been re-organized as a forum for the exchange of ideas and feedback between National Plant Protection Organizations (NPPOs), Regional Plant Protection Organization (RPPOs), FAO offices, cooperation institutions and the IPPC Secretariat. These new ways of operating allow the IPPC Secretariat to get a better understanding of NPPOs concerns, and to promote synergies and collaboration between all parties. She wished the participants a fruitful meeting.

Video message from the Secretary of the IPPC

- [5] Mr. Jingyuan Xia, Secretary to the IPPC, addressed the participants, noting that, the IPPC annual theme for 2017 is "Plant Health and Trade Facilitation". He informed that the annual theme was selected to raise awareness on the importance of plant health in promoting safe and efficient trade and to call upon the IPPC community to implement the WTO Trade Facilitation Agreement (TFA) which entered into force in February 2017. The main objective of TFA is to speed up the movement, release and clearance of goods and to improve cooperation between customs and other authorities. He informed that the IPPC and its ISPMs are essential to promote global trade of plants and plant products and therefore it was important to engage NPPOs and to ensure the safe and efficient movement of plants and plant products. He wished the participants a successful and fruitful workshop.

2.0 Local and logistical information

- [6] Ms. Carol Thomas gave an overview of the local area and workshop logistics.

2.1 Election of the Chair

[7] Mr. Michael James from Barbados was elected as Chair.

2.2 Election of the Rapporteur

[8] Ms. Deanne V. Ramroop from Trinidad and Tobago was elected as Rapporteur.

2.3 Adoption of the Agenda

[9] The participants adopted the agenda as presented (see Appendix 1 for the Agenda). The participants introduced themselves (see Appendix 2 for list of participants).

3.0 Workshop objectives and updates

3.1 Objective of the workshop

[10] Ms. Sarah Brunel (IPPC Secretariat) gave an overview of the meeting objectives:

- to learn how to analyze draft ISPMs and to formulate productive comments using the available draft ISPMs for member consultation
- to build phytosanitary capacity and raise awareness on all activities related to the IPPC
- to exchange national experiences at the regional level.

3.2 Updates from CPM-12 (2017) and Secretariat Activities

[11] Ms. Sarah Brunel (IPPC Secretariat) gave an overview of the updates from CPM-12 and current activities, noting that more detailed updates on projects will be made available later in the meeting. A briefing on important financial initiatives of the IPPC was also presented, inclusive of sustainable funding mechanism for the IPPC work plan and budget for future years. Participants echoed the sentiments that the participation of the Caribbean Community at CPM was a challenge due to unavailability of funding.

3.3 Update on FAO Regional Activities

[12] Dr. Vyju Lopez gave an overview of FAO's mandate and goals, FAO Strategic Objectives and their contribution to the United Nation's (UN) Sustainable Development Goals and the framework for FAO's support. She stressed the need for each group of stakeholders to contribute to the preparation of the *Country Programming Framework* that determines FAO's work at the national level. She ended her presentation with a summary of activities carried out under two regional projects (EU-funded project on MEAs, and GEF project on Pesticide life-cycle management). The participants thanked Dr Lopez for the presentation and updates on activities.

3.4 Update on RPPO activities

[13] Ms. Juliet Goldsmith (Plant Health Specialist, Caribbean Agricultural Health and Food Safety Agency - CAHFSA) informed that the mandate of CAHFSA's Plant Health Division was to safeguard the Region's agriculture and natural resources from the introduction and spread of plant pests while facilitating safe trade of agricultural products among Member States. The key areas of focus were standards and implementation; harmonization of technical procedures; rapid response and safeguarding; international and regional cooperation; information exchange and dispute mediation

3.5 Update on IICA activities

[14] Ms. Carol Thomas gave an update on the status of the IICA activities. She highlighted the Agricultural Health and Food Safety (AHFS) activities over last 42 months under the 10th EDF SPS Project which focused on strengthening regional and national SPS Systems. The project concluded March 2017. The

project consisted of three (3) major components namely, legislation, capacity building and coordination. The achievements included: Model Plant Health Bill (Undergoing CARICOM Legal Process); SPS Coordination Mechanisms (National and Regional, Studies (such Impact of private standards and SPS Cost/Benefit Analysis) and capacity building in several areas.

- [15] Ms. Thomas informed that the 10th EDF SPS project sought to strengthen the framework for a modernized AHFS System for the Region such that there is improved SPS compliance and enhanced trade opportunities within international markets. She stressed that it is important that countries and regional AHFS agencies and groups such as the Caribbean Plant Health Directors (CPHD), CAHFSA, IICA, FAO, Caribbean Agricultural Research and Development Institute (CARDI), Centre for Agriculture and Biosciences International (CABI) work together to strategically use available resources (internally or externally) to build on the work initiated under the 10th EDF SPS project.

Section 1 :

Reinforce the capacity of contracting parties to formulate comments on draft standards for consultation in 2017

4.0 Online comment system (ocs) and the latest developments

- [16] Dr. Rajesh Ramarathnam (Standards Committee (SC) Member) gave an introduction to the IPPC Online Comments System (OCS), highlighting that the purpose of the OCS was to provide a simple, efficient, user-friendly online system with which to share, collect and compile comments on documents. The first version of the OCS was launched in 2011 and the latest version in July 2016. Feedback from participants indicated that the new OCS was more user-friendly and allowed for ease of navigation of the documents under review.

5.0 Overview of the standard setting process

- [17] Dr. Rajesh Ramarathnam gave an introduction to the standard setting process inclusive of the stages: developing the list of topics; drafting; consultation and review and adoption and publication. He emphasized the need to ensure submission of country's comments to the IPPC Secretariat before the end of the consultation period (30 September 2017).

6.0 Overview of the 2017 consultation on draft ISPMs

- [18] Dr. Rajesh Ramarathnam gave a brief overview of the three draft ISPMs prior to the discussions by participants. He emphasized the importance of understanding the background and the context of the ISPM prior to the discussions and comments. The comments were based on substantive rather than editorial comments by member countries.

7.0 Discussion on draft ISPMs

- [19] The comments from the Caribbean regional workshop can be found in Appendix 3, 4 and 5 to the workshop report.

7.1 Draft 2017 Amendments to ISPM 5 (Glossary of phytosanitary terms) (1994-001

- [20] The comments from the Caribbean Regional Workshop can be found in Appendix 3 to the workshop report.

7.2 Draft ISPM: Requirements for the use of fumigation as a phytosanitary measure (2014-004)

[21] The comments from the Caribbean regional workshop can be found in Appendix 4 to the workshop report.

7.3 Draft ISPM: International movement of cut flowers and foliage (2008-005)

[22] The comments from the Caribbean regional workshop can be found in Appendix 5 to the workshop report.

Section 2:

Implementation and awareness raising in the framework of the IPPC/FAO/RPPOs

8.0 ISPM 14 the use of integrated measures in a systems approach for pest risk management and beyond the compliance tool

[23] Ms. Sarah Brunel highlighted the following:

- (a) achieving safe international trade; the use of integrated measures in a systems approach for pest risk management (ISPM 14);
- (b) Beyond Compliance: a production chain framework for plant health risk management in trade and
- (c) a new project - Beyond Compliance Global: integrated systems approach for pest risk management.

[24] Participants indicated that it may be difficult to implement ISPM 14 as commodities are usually grown on small scales of production and scattered throughout the country. The workshop was informed that a call will be issued for countries to propose case studies/projects. Dr. Rajesh Ramarathnam indicated that a call was opened for nominations of experts to take part in an expert working group to develop a draft ISPM on *Guidance on pest risk management* and countries were encouraged to apply before 20th September 2017.

9.0 Emerging issues in plant health

[25] Ms. Sarah Brunel explained that emerging issues are those that are new, unexpected or can cause changes in the status quo in plant health. She indicated that the plant health emerging issues identified fall under eight different categories: environment; plant pests (diseases/other); collaboration; policy; resource limitations; phytosanitary capacity and trade issues. In moving forward, and in accordance with CPM 12 decisions, the IPPC Secretariat may develop a framework for information sharing in five areas to help contracting parties prepare and respond to emerging pests. These include intelligence; analysis; awareness; information sharing and response action. A survey on emerging issues in plant health had been conducted by the IPPC and the responses received from the Caribbean were provided as feedback for the participants. The main phytosanitary capacity needs of the Caribbean identified were inspection, pest reporting, and pest surveillance. Resource limitations of importance included appropriately trained staff and the ability to retain them. The main concern of emerging pests in general for the Caribbean was the introduction of new pests.

10.0 The secretariat call for phytosanitary treatments

[26] Ms. Sarah Brunel emphasized that phytosanitary treatments are critically important to protect plants and plant products while greatly facilitating safe trade. She further indicated that the IPPC Secretariat is soliciting submissions for: Phytosanitary treatments to be adopted as international standards as annexes to ISPM 28 (Phytosanitary treatments for regulated pests), or as resources to be shared on the phytosanitary.info website. She encouraged member countries to submit their phytosanitary treatments used

in international trade to the IPPC Secretariat so that it can be shared and made available for everyone. The call is open until 31st January 2017.

11.0 FAO phytosanitary capacity development activities

- [27] Dr Vyju Lopez (Plant Production and Protection Officer, FAO Barbados) highlighted that the plant production and protection activities of the FAO are related mainly to sustainable production and productivity and sustainable food systems. Activities completed include: technical assistance to promote agricultural diversification towards reduction of importation/ import bill of selected crops – onions & cole crops (St. Kitts); promoting Agribusiness in Northern Belize and linking small farmers to value chains markets. New regional projects include: roots & tubers including cassava; strengthen animal and plant quarantine services.
- [28] Ongoing national projects include: technical assistance to small farmers – climate-smart technologies; development of food monitoring and inspection mechanisms in modernization of Barbados “Agricultural Health and Food Control System”; Ginger value chain development; support to the development of the soursop value chains in Grenada; assistance to build extension capacity in Grenada; support for increased access and availability of fresh local food through development of urban, peri-urban and backyard gardening.

12.0 RPPO phytosanitary capacity development activities

- [29] Ms. Juliet Goldsmith, CAHFSA’s representative, informed the workshop that activities being undertaken by CAHFSA included: the adoption of two regionally consistent plant health standards, including guidelines for performing pest risk analysis and for preparing market access proposals; provision of training in pest risk analysis and pest prioritization; information exchange and dissemination through databases and other resources on the CAHFSA website and assistance to Member States with dispute mediation.
- [30] Areas of Regional and International collaboration were highlighted, including ongoing projects with the FAO and engagements with the IPPC

Section 3 :

Moving together from ideas to actions (facilitated sessions)

13.0 Understanding the phytosanitary capacity evaluation (PCE)

- [31] Ms. Sarah Brunel and Ms. Juliet Goldsmith indicated that the PCE is an interactive tool designed to conduct a situational analysis of the existing phytosanitary system, and to help the NPPO assess its progress over time in the implementation of the IPPC and the international standards on phytosanitary measures. The PCE is aligned with the Phytosanitary Capacity Building Strategy of the IPPC.
- [32] Other benefits of the tool include: identification of gaps in the phytosanitary system ;conducting a stakeholders analysis and keeping track of stakeholders that are relevant in the phytosanitary system of the country; conducting a problem analysis to identify the root cause of the gaps identified; conducting and documenting strengths, weaknesses, opportunities and threats facing the NPPO in managing an effective phytosanitary system and assistance in the development of a strategy to address key weakness identified.
- [33] Barbados, who is currently implementing the PCE, shared its experiences and expressed that the PCE is a useful tool. Trinidad and Tobago expressed interest in applying for use of the PCE tool in an attempt to strengthen their NPPO.

14.0 2020 International year of plant health: updates and latest achievements

- [34] Ms. Sarah Brunel updated the meeting on the International Year of Plant Health (IYPH) in 2020. It is expected that the IYPH 2020 will raise awareness of the importance of plant health in addressing issues of global concern, including hunger, poverty and threats to the environment. The workshop was informed that the Chair of the IYPH was currently sending invitations to countries for funding support and co-finance for IYPH. It was noted that Mr. Ryan Anslem (Dominica) is a member of the Committee (representing Latin America & the Caribbean).
- [35] IYPH activities are to be implemented at three levels: International, Regional and National. International activities will be planned by the IYPH Committee while RPPOs and NPPOs are being encouraged to determine and implement regional and national projects respectively. The workshop was asked to select and prioritize three topics for a regional conference. Those selected, in order of priority, included: Food Security/Safety, Pesticide Alternatives, Tourism and Spread of Pests. Trade and Market Access was suggested as a fourth possible option.
- [36] Several suggestions were made for the promotion of IYPH inclusive of the following: presentation to the Council for Trade and Economic Development (COTED); as part of World Food Day activities; during Pesticide Awareness Week; at National Fairs; during Caribbean Week of Agriculture; use of mass media (radio, television, newspapers, magazines) and Communication Units within countries. It was also recommended that at the National level countries should initiate IYPH activities.

15.0 Demonstration of the IPP and of the phytosanitary webpage and surveys on IPPC contact points

- [37] A survey was conducted and the responses received from the Caribbean were provided as feedback for the participants.

16.0 IPPC Implementation pilot programme on surveillance

- [38] Ms. Sarah Brunel outlined the official process used to collect and record data on pest presence or absence by survey, monitoring or other procedures (ISPM 6). She indicated that this was an obligation and responsibility of NPPOs.
- [39] Ms. Brunel presented the findings on pest surveillance from past Capacity Development Committee meetings as well as from the Technical Cooperation on Regional Plant Protection Organization. She revealed the five most quoted plant pests for 2014-2016 indicating that Panama disease had risen in significance over the three-year period while citrus greening had decreased. Both organisms were among the top 5 quoted plant pests for all three years.

17.0 Success stories of implementation of pests control or management from contracting parties (CPs)

- [40] Mr. Ian Chapman (St. Kitts and Nevis) shared the experience managing the Pink Hibiscus Mealybug (*Maconellicoccus hirsutus*), a serious pest of tropical plants, which feeds on the soft tissues and injects a toxic saliva that causes curling and contortion of leaves. Ladybird beetle (*Cryptolaemus montrouzeri*) larvae and adults were used to successfully control the infestation. Other countries shared experiences on Frosty Pod Rot of Cocoa (Jamaica); Giant African Snail (St. Lucia) and Red Ring Disease of Coconuts (Grenada).
- [41] Ms. D. Ramroop (Trinidad and Tobago) shared the experiences of the TTBizLink system. TTBizlink is a Single Electronic Window (SEW) that is a secure, user friendly online platform that gives real time approvals to e-government business and trade related services. The online plant import permit application allows importers/exporters to apply electronically for trade permits and licenses. The e-declaration using the TTBizlink enables the Importer/Exporter, or authorized agent of imported goods, who has submitted an

electronic customs declaration (e-C82) to the Customs Border Control System (ASYCUDA World), to obtain regulatory approvals/endorsements from the Plant Quarantine Service. She also shared the activities involved in the implementation of ISPM 32 and the revision of commodities for plant import permits.

18.0 Conclusions of the workshop and tentative dates and location for the next regional workshop

[42] There was general consensus that the meeting went very well and was well coordinated and executed.

Proposed dates for the 2018 Workshop: 5-7 September

Duration: 3 days

Venue: To be determined

Possible Standards for review: International movement of grain; Revision of ISPM 8; Authority of entities to perform phytosanitary actions; Revision of ISPM 5.

Theme for 2018: Plant Health and Environmental Protection.

19.0 Adoption of the report

[43] The participants adopted the meeting report.

20.0 Online survey of the workshop

[44] The participants completed the meeting evaluation per the Secretariat's request.

21.0 Close of the workshop

[45] The workshop ended at 5:30 pm on September 15, 2017

Appendix 1 – Workshop Agenda

[46] 2017 IPPC Regional Workshop for the Caribbean/2017 Theme: Plant health and trade facilitation

Time	Agenda item	Presenter
8:00-9:00	Registration of the participants	
9:00 -9:40	Opening of the session <ul style="list-style-type: none"> - Welcoming remarks of the organizer - Host country opening statement - Other co-organizer's openings - Video message on annual theme from the Secretary of the IPPC https://youtu.be/Ppg6mBluUKI	
9:40-9:50	Local and logistical information and arrangements	
	- election of the Chairperson	
	- election of the Rapporteur	
	- adoption of the Agenda	
9:50-10:50	<ul style="list-style-type: none"> - Objectives of the workshop - Updates from CPM-12 (2017) and Secretariat activities - Sustainable funding - Update on FAO regional activities - Update on RPPO activities - Update on IICA activities 	Sarah Brunel, IPPC Vyjayanthi Lopez, FAO Barbados Juliet Goldsmith, CAHFSA Carol Thomas, IICA
10:50-11:10	Group photo and Coffee break	
Section 1: Reinforce the capacity of Contracting Parties to formulate comments on draft standards for consultation in 2017		
11:10-11:30	Online Comment System (OCS) and the latest developments	Rajesh Ramarathnam, SC Member
11:30-11:45	Overview of the Standard Setting process	Rajesh Ramarathnam, SC Member
11:45-13:00	Discussion on draft ISPMs (with presentation of the standard and focus on substantive and technical comments gathered prior to the workshop) <ul style="list-style-type: none"> - 2017 Amendments to ISPM 5 (Glossary of phytosanitary terms) (1994-001) - Requirements for the use of fumigation as a phytosanitary measure (2014-004) - International movement of cut flowers and foliage (2008-005) 	SC members/ Juliet Goldsmith, CAHFSA
13:00-14:00	Lunch break	
14:00-15:30	Continued: Discussion on draft ISPMs (with presentation of the standard and focus on substantive and technical comments gathered prior to the workshop)	SC members/ Juliet Goldsmith, CAHFSA
15:30-15:45	Coffee break	
15:45-17:00	Continued: Discussion on draft ISPMs (with presentation of the standard and focus on substantive and technical comments gathered prior to the workshop)	Rajesh Ramarathnam, SC Member / Juliet Goldsmith, CAHFSA
Second Day		
9:00-11:00	Continued: Discussion on draft ISPMs (with presentation of the standard and focus on substantive and technical comments gathered prior to the workshop)	Rajesh Ramarathnam, SC Member / Juliet Goldsmith, CAHFSA
11:00-11:20	Coffee break	
11:20-13:00	Continued: Discussion on draft ISPMs (with presentation of the standard and focus on substantive and technical comments gathered prior to the workshop)	Rajesh Ramarathnam, SC Member / Juliet Goldsmith, CAHFSA
13:00-14:00	Lunch break	
Section 2: Implementation and awareness raising in the framework of the IPPC/FAO/RPPOs		

14:00-15:00	ISPM 14 <i>The use of integrated measures in a systems approach for pest risk management</i> , and the beyond compliance tool	Sarah Brunel, IPPC
15:00-15:30	Emerging issues in plant health	Sarah Brunel, IPPC/ Vyjayanthi Lopez, FAO Barbados/ Juliet Goldsmith, CAHFSA/Participants
15:30-15:40	The Secretariat Call for Phytosanitary Treatments	Sarah Brunel, IPPC
15:40-15:55	Coffee break	
15:55-16:40	FAO phytosanitary capacity development activities	Vyjayanthi Lopez, FAO Barbados
16:40-17:30	RPPO phytosanitary capacity development activities	Juliet Goldsmith, CAHFSA
Third Day		
Section 3: Moving together from ideas to action (Facilitated sessions)		
9:00-10:10	Understanding what is the Phytosanitary Capacity Evaluation (PCE) https://youtu.be/jA9vLvAa7Sc	Juliet Goldsmith, CAHFSA/Sarah Brunel, IPPC/Participants
10:10-11:00	2020 International Year of Plant Health: updates and latest achievements and follow up from last year Regional Workshop from countries https://www.youtube.com/watch?v=v0UXcmxYXl	Sarah Brunel, IPPC/Participants
11:00-11:20	Coffee break	
11.20-12.00	Demonstration of the IPP and of the phytosanitary.info webpage and surveys on IPPC Contact Points	Sarah Brunel, IPPC/Participants
12:00-13:00	IPPC implementation pilot programme on surveillance	Sarah Brunel, IPPC/Participants
13:00-14:00	Lunch break	
14:00-15:00	Success stories of implementation of pests control or management from CPs	Participants
15:30-15:45	Coffee break	
15:45-16:45	Conclusions of the workshop and tentative dates and location for next Regional Workshop	Chair
16:45-17:10	Adoption of the report	Chair
17:10-17:30	Online survey of the workshop	All participants

Appendix 2 – Participants List**2017 IPPC REGIONAL WORKSHOP FOR THE CARIBBEAN**

**Theme: Plant Health and Trade Facilitation
September 13-15, 2017, Christ Church, Barbados**

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Appendix 3 – Caribbean Regional Workshop Comments on the draft ISPM 5: Amendments to the Glossary (1994-001)

Reconciliation report for 1994-001_2017_AmendmentsISPM5_En_2017-05-17.docx (1994-001_2017_AmendmentsISPM5_En_2017-05-17.docx)

Selection parameters

Document	ALL
Status	ALL
Type of comment	ALL
Comment category	ALL
Participant	IPPC Regional Workshop Caribbean Made a comment
Date	September 13, 2017
Show Track Changes	Yes

Summary

Title	2017 First Consultation: Draft Amendments to ISPM 5 (Id 337)
Description	
End Date	30 Sep 2017 23:45
Review Status	In Progress

Participants

Name	Status	Workgroup Role	Summary	Comments	Last Activity
Antigua and Barbuda	Not Started	Reviewer		0	
Bahamas	In Progress	Reviewer		5	6 Sep 2017 18:03
Barbados	In Progress	Reviewer		5	13 Sep 2017 21:57
Belize	Not Started	Reviewer		0	
Dominica	In Progress	Reviewer		0	13 Sep 2017 22:20
Grenada	In Progress	Reviewer		1	7 Sep 2017 16:28
Guyana	Not Started	Reviewer		0	
Haiti	Not Started	Reviewer		0	
IPPC Regional Workshop Caribbean	In Progress	Reviewer		7	18 Sep 2017 17:13
Jamaica	In Progress	Reviewer		7	14 Sep 2017 2:52
Saint Kitts And Nevis	Not Started	Reviewer		0	
Saint Lucia	Not Started	Reviewer		0	
Saint Vincent and The Grenadines	In Progress	Reviewer		0	13 Sep 2017 22:21
Suriname	Not Started	Reviewer		0	
Trinidad and Tobago	In Progress	Reviewer		5	15 Sep 2017 12:39

Para	Text	T	Comment	S	Author Comment
G	(General Comment)	C	<i>Category : SUBSTANTIVE</i> (86) IPPC Regional Workshop Caribbean (18 Sep 2017 14:08) Consider including definitions for growing period in relation to other organisms.	O	
1.1 "growing period" (2016-004)					
35	growing period (of a plant species)	C	<i>Category : SUBSTANTIVE</i> (77) IPPC Regional Workshop Caribbean (13 Sep 2017 21:30) The meeting has no objection to the proposed removal of "of a plant species" from the term	O	
36	Time p Period of active growth during a growing season when a plant species actively grows in an area, place of production or production site [ICPM, 2003]	C	<i>Category : SUBSTANTIVE</i> (74) IPPC Regional Workshop Caribbean (13 Sep 2017 21:21) The meeting has no objection to the proposed revision of the definition of growing period	O	
1.2 "survey" (2013-015)					
50	An official procedure conducted over a defined period of time to determine <u>the presence or absence of pests in an area, or the boundaries or characteristics of a pest population</u> or to determine which species are present in an area [FAO, 1990; revised CEPM, 1996; CPM, 2015]	C	<i>Category : SUBSTANTIVE</i> (81) IPPC Regional Workshop Caribbean (13 Sep 2017 21:41) Workshop has no objection to the proposed revised definition of "survey"	O	
2.1 "confinement (of a regulated article)" (2016-002)					
65	confinement (of a regulated article)	C	<i>Category : SUBSTANTIVE</i> (82) IPPC Regional Workshop Caribbean (13 Sep 2017 21:42) The meeting has no objection to the proposed deletion of the term confinement (of a regulated article)	O	
2.2 "growing season" (2016-004)					
77	growing season	C	<i>Category : SUBSTANTIVE</i> (87) IPPC Regional Workshop Caribbean (18 Sep 2017 14:23) No objections to the proposed deletion of the term growing season	O	
2.3 "mark" (2013-007)					
88	mark	C	<i>Category : SUBSTANTIVE</i> (84) IPPC Regional Workshop Caribbean (13 Sep 2017 21:56) The Meeting has no objection to the proposed deletion of "mark".	O	

T (Type) - B = Bullet, C = Comment, P = Proposed Change, R = Rating

S (Status) - A = Accepted, C = Closed, O = Open, W = Withdrawn, M = Merged

Appendix 4 – Caribbean Regional Workshop Comments on the draft ISPM Revision to ISPM 6: Surveillance (2009-004)

Reconciliation report for 2014-004_DraftISPM_RequirementsFumigation_En_2017-06-28.docx
(2014-004_DraftISPM_RequirementsFumigation_En_2017-06-28.docx)

Selection parameters

Document	ALL
Status	ALL
Type of comment	ALL
Comment category	ALL
Participant	IPPC Regional Workshop Caribbean Made a comment
Date	-
Show Track Changes	Yes

Summary

Title	2017 First Consultation: Draft ISPM Requirements for Fumigation (Id 347)
Description	
End Date	30 Sep 2017 23:45
Review Status	In Progress

Participants

Name	Status	Workgroup Role	Summary	Comments	Last Activity
Antigua and Barbuda	Not Started	Reviewer		0	
Bahamas	In Progress	Reviewer		1	6 Sep 2017 18:45
Barbados	In Progress	Reviewer		3	14 Sep 2017 16:24
Belize	Not Started	Reviewer		0	
Dominica	In Progress	Reviewer		0	14 Sep 2017 16:26
Grenada	In Progress	Reviewer		0	14 Sep 2017 16:21
Guyana	In Progress	Reviewer		0	14 Sep 2017 19:11
Haiti	Not Started	Reviewer		0	
IPPC Regional Workshop Caribbean	Completed	Reviewer		9	18 Sep 2017 16:15
Jamaica	In Progress	Reviewer		7	14 Sep 2017 17:43
Saint Kitts And Nevis	Not Started	Reviewer		0	
Saint Lucia	Not Started	Reviewer		0	
Saint Vincent and The Grenadines	In Progress	Reviewer		0	14 Sep 2017 18:55
Suriname	Not Started	Reviewer		0	
Trinidad and Tobago	In Progress	Reviewer		5	14 Sep 2017 16:51

Para	Text	T	Comment	S	Author Comment
G	(General Comment)	C	<i>Category :</i> SUBSTANTIVE (657) IPPC Regional Workshop Caribbean (13 Sep 2017 22:45) This is timely and relevant ISPM of importance to the Region.	O	
IMPACTS ON BIODIVERSITY AND THE ENVIRONMENT					
47	Historically, fumigation has been widely applied to prevent the introduction and spread of target pests into a regulated area and has, therefore, been beneficial to biodiversity and the environment. However, fumigant gases, such as methyl bromide, sulphuryl fluoride, phosphine and ethyl formate, may be toxic to people and have negative impacts on the environment. For example, the emission of methyl bromide into the atmosphere is known to deplete the ozone layer and sulphuryl fluoride is a recognized greenhouse gas. The IPPC Recommendation on the replacement or reduction of the use of methyl bromide as a phytosanitary measure (CPM R-03, 2017) has been adopted in relation to this issue. Environmental impacts of fumigants can be proportionally mitigated through the use of recapture technology to reduce emissions.	P	<i>Category :</i> SUBSTANTIVE (658) IPPC Regional Workshop Caribbean (13 Sep 2017 23:07) Suggest remove of reference to people in this section as it doesn't fit in the section in the context of impact on biodiversity and the environment. It is recommended that an opening sentence be added to section 5.2.9 indicating that most fumigants used, are toxic to humans.	O	
5.2.9 Safety equipment					
105	Equipment suitable for ensuring the safety of those potentially exposed to the fumigant should be available at all times and in appropriate working order. Depending on the fumigant being used, protective clothing, respirators and suitably sensitive monitoring equipment may need to be made available to those handling the fumigant or undertaking or monitoring the fumigation.	C	<i>Category :</i> SUBSTANTIVE (661) IPPC Regional Workshop Caribbean (14 Sep 2017 15:14) "Should" carries a stronger imperative than "may need to be"	O	
105	Most fumigants are toxic to humans. Equipment suitable for ensuring the safety of those potentially exposed to the fumigant should be available at all times and in appropriate working order. Depending on the fumigant being used, protective clothing, respirators and suitably sensitive monitoring equipment may need to be made available to those handling the fumigant or undertaking or monitoring the fumigation.	P	<i>Category :</i> SUBSTANTIVE (659) IPPC Regional Workshop Caribbean (13 Sep 2017 23:23) Suggest adding opening sentence	O	
8.1 Documentation of procedures					
199	contingency plans and corrective actions to be taken in the event of fumigation failure or problems with critical treatment processes - provisions for handling accidents and emergencies	P	<i>Category :</i> SUBSTANTIVE (662) IPPC Regional Workshop Caribbean (14 Sep 2017 15:59) Consider including another bullet point on	O	

			"provisions for handling accidents and emergencies"		
8.2 Record keeping					
210	target regulated pest	P	<i>Category : EDITORIAL (663) IPPC Regional Workshop Caribbean (14 Sep 2017 16:02)</i> For consistency, remove the word 'regulated' f	O	
227	APPENDIX 1: Guidance for fumigation efficacy studies1	C	<i>Category : SUBSTANTIVE (664) IPPC Regional Workshop Caribbean (14 Sep 2017 16:18)</i> The meeting determined that the appendices contain useful information and should be retained	O	
APPENDIX 2: Chemical properties of some common fumigants					
250	APPENDIX 2: Chemical properties of some common fumigants	C	<i>Category : SUBSTANTIVE (665) IPPC Regional Workshop Caribbean (14 Sep 2017 16:19)</i> Very useful information provided	O	
APPENDIX 3: Formulae for calculating volume of geometrical shapes					
366	Potential implementation issues	C	<i>Category : SUBSTANTIVE (666) IPPC Regional Workshop Caribbean (14 Sep 2017 16:22)</i> Guidance to NPPOs on safely handling/inspecting consignments that had been fumigated or potentially were fumigated	O	

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Appendix 5 – Caribbean Regional Workshop Comments on the draft ISPM Temperature Treatments (2014-005)

Reconciliation report for 2008-005_Draft ISPMCutFlowersFoliage_En_2017-06-26.docx (2008-005_Draft ISPMCutFlowersFoliage_En_2017-06-26.docx)

Selection parameters

Document	ALL
Status	ALL
Type of comment	ALL
Comment category	ALL
Participant	IPPC Regional Workshop Caribbean Made a comment
Date	-
Show Track Changes	Yes

SummaryA

Title	2017 First consultation: Draft ISPM on cut flowers and foliage (Id 362)
Description	
End Date	30 Sep 2017 23:45
Review Status	In Progress

Participants

Name	Status	Workgroup Role	Summary	Comments	Last Activity
Antigua and Barbuda	Not Started	Reviewer		0	
Bahamas	In Progress	Reviewer		1	6 Sep 2017 18:35
Barbados	In Progress	Reviewer		2	14 Sep 2017 23:17
Belize	Not Started	Reviewer		0	
Dominica	In Progress	Reviewer		0	14 Sep 2017 16:26
Grenada	In Progress	Reviewer		4	14 Sep 2017 18:44
Guyana	In Progress	Reviewer		0	14 Sep 2017 19:09
Haiti	Not Started	Reviewer		0	
IPPC Regional Workshop Caribbean	Completed	Reviewer		7	18 Sep 2017 17:12
Jamaica	In Progress	Reviewer		3	14 Sep 2017 18:52
Saint Kitts And Nevis	Not Started	Reviewer		0	
Saint Lucia	Not Started	Reviewer		0	
Saint Vincent and The Grenadines	Not Started	Reviewer		0	
Suriname	Not Started	Reviewer		0	

Trinidad and Tobago	In Progress	Reviewer		5	14 Sep 2017 18:58
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Para	Text	T	Comment	S	Author Comment
1.2.1 Examples of higher-risk pest groups (in alphabetical order)					
71	1.2.1 Examples of higher-risk pest groups (in alphabetical order) <u>Mites (e.g. Tetranychidae, Tarsonemidae, Eriophyidae, Tenupalpidae). Mites feed on the leaves and stem of their host plants and are difficult to detect due to their very small size. Many species of mites are highly polyphagous, have a high development rate and fecundity, and are easily dispersed by being carried on the wind, on plants, tools or clothes. As mites can reproduce parthenogenetically, a single, unfertilized female (even if only in egg form) can establish a new population. Some mites are vectors of viruses.</u>	P	Category : <i>SUBSTANTIVE</i> (525) IPPC Regional Workshop Caribbean (18 Sep 2017 16:51)	O	
71	1.2.1 Examples of higher-risk pest groups (in alphabetical order)	C	Category : <i>SUBSTANTIVE</i> (524) IPPC Regional Workshop Caribbean (18 Sep 2017 16:29) Suggest to include the Acari in the list of higher-risk pest groups	O	
71	1.2.1 Examples of higher-risk pest groups (in alphabetical order)	C	Category : <i>SUBSTANTIVE</i> (516) IPPC Regional Workshop Caribbean (14 Sep 2017 17:41) Remove italics from common and family names	O	
1.2.2 Examples of lower- or negligible-risk pest groups (in alphabetical order)					
75	1.2.2 Examples of lower- or negligible-risk pest groups (in alphabetical order)	C	Category : <i>SUBSTANTIVE</i> (526) IPPC Regional Workshop Caribbean (18 Sep 2017 16:55) Consider including slugs and snails (Mollusca) in this list	O	
3. Records					
126	Table 1. Examples of pest groups that may be associated with the international movement of cut flowers and other fresh plant parts.	C	Category : <i>SUBSTANTIVE</i> (520) IPPC Regional Workshop Caribbean (14 Sep 2017 18:23) The meeting agreed that Table I should remain as part of the standard	O	

173	<i>Chrysanthemum</i> spp. (mum), Asteraceae	C	<i>Category :</i> SUBSTANTIVE (521) IPPC Regional Workshop Caribbean (14 Sep 2017 18:33) Add Phylum Arthropod (Mites) Eg. Tetranychidae, Tarsonemidae, Eriophyidae , Tenupalpidae	O	
Potential implementation issues					
553	Potential implementation issues	C	<i>Category :</i> SUBSTANTIVE (522) IPPC Regional Workshop Caribbean (14 Sep 2017 18:48) Lack of post entry quarantine facilities inadequate pest diagnostic capacity Inadequate capacity to perform pest risk analyses	O	

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