

2024 SECOND CONSULTATION 1 July – 30 September 2024


Compiled comments for Draft annex International movement of fresh *Mangifera indica* fruit (2021-011) to ISPM 46

Participants


Name	Summary
Sr. Ariel Castillo Rodríguez	Estamos de acuerdo con que la norma se aplique que ha sido producida para el comercio internacional ,aunque sea para el procesamiento en el país importador
Eswatini	The Kingdom of Eswatini would like to endorse the draft ISPM with comments
Gabon	Nous validons ce projet d'annexe à la NIMP 46.
Malawi	We support the Draft Annex to ISPM 46
Saint Vincent and The Grenadines	None
Sao Tomé and Príncipe	Rien a signaler
South Africa	Consider using the same referencing style and italicizing all scientific names.



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

S (Status) - A = Accepted, C = Closed, O = Open, W = Withdrawn, M = Merged


Para	Text	T	Comment
G	(General Comment)	C	<i>Category : SUBSTANTIVE</i> (203) Costa Rica (30 Sep 2024 11:31 PM) Comments from the Latin American Workshop and OIRSA are supported.
G	(General Comment)	C	<i>Category : SUBSTANTIVE</i>  Congo, DR (201) Togo (30 Sep 2024 8:23 PM) The use of methyl bromide has been prohibited in Togo since 2004. However, we have no objection to the conditions of its use mentioned in this annex.
G	(General Comment)	C	<i>Category : SUBSTANTIVE</i> (199) Caribbean Agricultural Health and Food Safety Agency (30 Sep 2024 3:33 PM) This annex is quite useful for NPPOs that are at high risk for pest introduction due to trade in large volumes of mango. The measures outlined makes it easier for importing countries to prescribe but small developing countries may find it difficult and costly to implement.
G	(General Comment)	C	<i>Category : EDITORIAL</i> (198) Caribbean Agricultural Health and Food Safety Agency (30 Sep 2024 3:33 PM) An important annex to ISPM 46 for Jamaica in the use of a systems approach for the export the commodity.
G	(General Comment)	C	<i>Category : SUBSTANTIVE</i> (197) Caribbean Agricultural Health and Food Safety Agency (30 Sep 2024 3:33 PM) St. Kitts and Nevis currently express no objections to the document.
G	(General Comment)	C	<i>Category : SUBSTANTIVE</i>

			(196) Caribbean Agricultural Health and Food Safety Agency (30 Sep 2024 3:33 PM) Barbados have no objections to this annex being adopted.
G	(General Comment)	C	<i>Category : SUBSTANTIVE</i> (195) Belarus (30 Sep 2024 3:08 PM) The Republic of Belarus would like to formally endorse the EPPO comments submitted via the IPPC Online Comment System
G	(General Comment)	C	<i>Category : SUBSTANTIVE</i> (194) Antigua and Barbuda (30 Sep 2024 2:50 PM) Antigua and Barbuda endorses the comments submitted in the CAHFSA workgroup and agreed to at the 2024 IPPC Regional Workshop for the Caribbean.
G	(General Comment)	C	<i>Category : SUBSTANTIVE</i> (193) Guyana (30 Sep 2024 2:11 PM) Guyana endorses the comments submitted by CAHFSA.
G	(General Comment)	C	<i>Category : SUBSTANTIVE</i> (189) Barbados (30 Sep 2024 12:39 PM) Barbados endorses the comments submitted by CAHFSA.
G	(General Comment)	C	<i>Category : SUBSTANTIVE</i> (187) Korea, Republic of (30 Sep 2024 3:11 AM) Korea supports comments made by APPPC.
G	(General Comment)	C	<i>Category : TECHNICAL</i> (186) Peru (29 Sep 2024 8:09 PM) Peru supports comments made by COSAVE
G	(General Comment)	C	<i>Category : SUBSTANTIVE</i> (185) Saint Vincent and The Grenadines (29 Sep 2024 5:36 PM) St. Vincent and the Grenadines is in agreement with the comments submitted by CAHFSA that came out of the IPPC Regional workshop for the Caribbean
G	(General Comment)	C	<i>Category : SUBSTANTIVE</i> (169) China (29 Sep 2024 8:14 AM) China supports this draft standard. The reference for "quarantine treatment methods" for a specific pest might not include that particular pest; please verify this in the full text. For example, in IRDN 9: APHIS-PPQ-ISMU (2023), there are no irradiation treatment measures for <i>Sternochetus olivieri</i> . Irradiation treatment conditions are only set for <i>Sternochetus frigidus</i> [261] and <i>Sternochetus mangiferae</i> [263].
G	(General Comment)	C	<i>Category : SUBSTANTIVE</i> (166) Mexico (28 Sep 2024 8:16 PM) Mexico supports the DRAFT ANNEX TO ISPM 46: International movement of fresh <i>Mangifera indica</i> fruit (2021-011). Some proposals are included.
G	(General Comment)	C	<i>Category : SUBSTANTIVE</i> (163) Nigeria (28 Sep 2024 2:03 AM) NIGERIA SUPPORTS THE STANDARD.
G	(General Comment)	C	<i>Category : SUBSTANTIVE</i> (162) Germany (28 Sep 2024 12:27 AM) Germany would like to formally endorse the EPPO comments submitted via the IPPC Online Comment System.
G	(General Comment)	C	<i>Category : TECHNICAL</i> (161) Chile (27 Sep 2024 4:27 PM) Chile supports the comments made by COSAVE
G	(General Comment)	C	<i>Category : SUBSTANTIVE</i>


			(160) Benin (26 Sep 2024 1:02 PM) Pas de commentaire
G	(General Comment)	C	<i>Category : EDITORIAL</i> (116) Brazil (24 Sep 2024 5:28 PM) Brazil supports the comments made by COSAVE
G	(General Comment)	C	<i>Category : SUBSTANTIVE</i> (115) United Kingdom (24 Sep 2024 4:51 PM) The UK would like to formally endorse the EPPO comments submitted via the IPPC Online Comment System. EPPO have submitted these comments on behalf of the UK and as such they should be considered as UK national comments.
G	(General Comment)	C	<i>Category : SUBSTANTIVE</i> (114) Switzerland (24 Sep 2024 12:22 PM) Switzerland would like to formally endorse the EPPO comments submitted via the IPPC Online Comment System
G	(General Comment)	C	<i>Category : TECHNICAL</i> (113) Uruguay (21 Sep 2024 1:33 PM) Uruguay agrees with COSAVE comments
G	(General Comment)	C	<i>Category : SUBSTANTIVE</i> (45) COSAVE (26 Aug 2024 5:11 PM) If pests are listed because at least one country regulates it, corresponding references are needed for each pest's association with mango fruit. It would be better if the pests listed have some kind of references to technically justify them being in the list. This information could be provided by countries during the call and the TPCS can look for supporting evidence. We consider it as an important TPCS role to discuss if the fruit is a pathway when including pests in the list. Therefore we reiterate the comment sent during first consultation suggesting the TPCS to review the inclusion in the list of some leaf moths.
G	(General Comment)	C	<i>Category : SUBSTANTIVE</i> (72) New Zealand (11 Sep 2024 1:26 AM) New Zealand supports the comments made by APPPC and PPPO. New Zealand supports the adoption of this annex to ISPM 46 and thanks the Technical Panel on Commodity Standards for their work. Some minor formatting changes are needed including checks of treatment codes in bold and shading of titles in tables.
G	(General Comment)	C	<i>Category : SUBSTANTIVE</i> (66) APPPC (6 Sep 2024 6:59 AM) APPPC fully support the adoption of this Annex to ISPM 46.
G	(General Comment)	C	<i>Category : TECHNICAL</i> (53) United States of America (27 Aug 2024 3:54 PM) check all bold treatments through the text, these are inconsistent between the tables
G	(General Comment)	C	<i>Category : SUBSTANTIVE</i> (44) Dominican Republic (23 Aug 2024 12:15 AM) Se apoya los comentarios del grupo IPPC-LATAM
G	(General Comment)	C	<i>Category : SUBSTANTIVE</i>  Congo, DR (41) IPPC Regional Workshop Africa (21 Aug 2024 4:32 PM) Le projet de document est précis et fournit une véritable trousse à outils des différentes méthodes de gestion des nuisibles pour faciliter le mouvement des mangues fraîches. Le Cameroun soutient le

			projet de document.
G	(General Comment)	C	<p>Category : <i>EDITORIAL</i></p> <p>(40) Senegal (21 Aug 2024 3:42 PM)</p> <p>Projet d'annexe lu.</p>
G	(General Comment)	C	<p>Category : <i>SUBSTANTIVE</i></p> <p> Congo, DR</p> <p>(39) Cote d'Ivoire (21 Aug 2024 3:34 PM)</p> <p>Nous prenons acte des propositions faites relativement à l'annexe à la NIMP 46.</p>
G	(General Comment)	C	<p>Category : <i>EDITORIAL</i></p> <p> Mauritania</p> <p>(35) South Africa (20 Aug 2024 2:08 PM)</p> <p>Consider using the same referencing style and italicizing all scientific names.</p>
G	(General Comment)	C	<p>Category : <i>TECHNICAL</i></p> <p>(28) OIRSA (19 Aug 2024 3:44 AM)</p> <p>The list of pests associated with mango fruit in this annex may be used incorrectly by NPPOs to establish requirements that are not in accordance with the risk assessment.</p>
G	(General Comment)	C	<p>Category : <i>SUBSTANTIVE</i></p> <p>(27) Nicaragua (18 Aug 2024 7:37 PM)</p> <p>La lista de plagas asociadas a la fruta de mango presentadas en el presente anexo, puede ser utilizada erróneamente por la ONPF para establecer requisitos no acordes a la evaluación del riesgo identificado</p>
G	(General Comment)	C	<p>Category : <i>SUBSTANTIVE</i></p> <p>(18) Uruguay (18 Aug 2024 1:46 AM)</p> <p>If pests are listed because at least one country regulates it, corresponding references are needed for each pest's association with mango fruit. It would be better if the pests listed have some kind of references to technically justify them being in the list. This information could be provided by countries during the call and the TPCS can look for supporting evidence</p> <p>Despite it is not the role of the TPCS to judge the validity of the technical justification for the regulation of a pest, the TPCS should evaluate if the fruit is a pathway when including it in the list. Therefore we reiterate the comment sent during first consultation suggesting the TPCS to review the inclusion in the list of some leaf moths</p>
G	(General Comment)	C	<p>Category : <i>SUBSTANTIVE</i></p> <p>(1) Nigeria (24 Jul 2024 4:22 PM)</p> <p>No comments</p>
1	DRAFT ANNEX TO ISPM 46: International movement of fresh <i>Mangifera indica</i> fruit (2021-011)	C	<p>Category : <i>SUBSTANTIVE</i></p> <p>(200) Russian Federation (30 Sep 2024 5:04 PM)</p> <p>'General comment': "The Russian Federation would like to formally endorse the EPPO comments submitted via the IPPC Online Comment System"</p>
1	DRAFT ANNEX TO ISPM 46: International movement of fresh <i>Mangifera indica</i> fruit	C	<p>Category : <i>SUBSTANTIVE</i></p> <p>(190) Australia (30 Sep 2024 1:07 PM)</p> <p>Australia supports the comments of the PPPO.</p> <p>Australia acknowledges the draft and the support to safe trade commodity standards provide. We reiterate the principle as stated in paragraph #36 that listing pests does not provide justification to</p>

	(2021-011)		<p>regulate the pest and that in bilateral trade negotiations, countries can provide technical justification for inclusion or exclusion of pests on the specific pathway in question.</p> <p>Australia acknowledges the work done to develop the procedures governing the work of the TPCS and development of Commodity Standards. We reiterate previous comments noting the need for a mechanism to request and action changes to pests and measures outside of the bi-annual call for topics.</p>
1	DRAFT ANNEX TO ISPM 46: International movement of fresh <i>Mangifera indica</i> fruit (2021-011)	C	<p>Category : SUBSTANTIVE (188) Viet Nam (30 Sep 2024 9:44 AM) Viet Nam fully support the adoption of this Annex to ISPM 46.</p>
1	DRAFT ANNEX TO ISPM 46: International movement of fresh <i>Mangifera indica</i> fruit (2021-011)	C	<p>Category : SUBSTANTIVE (184) Malawi (29 Sep 2024 11:24 AM) We support the Draft Annex to ISPM 46</p>
1	DRAFT ANNEX TO ISPM 46: International movement of fresh <i>Mangifera indica</i> fruit (2021-011)	C	<p>Category : SUBSTANTIVE (183) Malawi (29 Sep 2024 11:23 AM) We support the Draft Annex to ISPM 46</p>
1	DRAFT ANNEX TO ISPM 46: International movement of fresh <i>Mangifera indica</i> fruit (2021-011)	C	<p>Category : SUBSTANTIVE (122) Myanmar (25 Sep 2024 6:35 AM) Myanmar support the Draft Annex to ISPM 46.</p>
1	DRAFT ANNEX TO ISPM 46: International movement of fresh <i>Mangifera indica</i> fruit (2021-011)	C	<p>Category : SUBSTANTIVE (117) PPPO (24 Sep 2024 5:57 PM) GENERAL COMMENT 1 - The PPPO acknowledges the draft and the support to safe trade commodity standards provide. We reiterate the principle as stated in paragraph #36 that listing pests does not provide justification to regulate the pest and that in bilateral trade negotiations, countries can provide technical justification for inclusion or exclusion of pests on the specific pathway in question. GENERAL COMMENT 2 - The PPPO acknowledges the work done to develop the procedures governing the work of the TPCS and development of Commodity Standards. We reiterate previous comments noting the need for a mechanism to request and action changes to pests and measures outside of the bi-annual call for topics.</p>
1	DRAFT ANNEX TO ISPM 46: International movement of fresh <i>Mangifera indica</i> fruit (2021-011)	P	<p>Category : SUBSTANTIVE (67) Honduras (8 Sep 2024 7:11 PM) Honduras de acuerdo con los cambios propuestos por los países del OIRSA</p>

	<u>ANEXO A LA NIMF 46: Movimiento internacional de frutos frescos <i>Mangifera indica</i> fruit (2021-011) (2021-011)</u>		
1	DRAFT ANNEX TO ISPM 46: International movement of fresh <i>Mangifera indica</i> fruit (2021-011)	C	Category : <i>SUBSTANTIVE</i> (42) Malawi (21 Aug 2024 11:49 PM) We support the Draft Annex to ISPM 46
11	2021-04 CPM-16 added topic Annex <i>International movement of mango</i> (<i>Mangifera indica</i> <i>Mangifera indica</i>) fruit (2021-011) to ISPM 46 (<i>Commodity-specific standards for phytosanitary measures</i>) to the work programme, priority 1.	P	Category : <i>TECHNICAL</i> (167) Mexico (28 Sep 2024 8:28 PM) Scientific name is in italics
12	2022-11 Standards Committee (SC) approved Specification 73 (<i>International movement of fresh mango</i> (<i>Mangifera indica</i>) fruit).	C	Category : <i>EDITORIAL</i>  CA (3) Ecuador (1 Aug 2024 6:53 PM) Scientific name without italics
31	This commodity standard provides guidance for national plant protection organizations (NPPOs) on pests associated with fresh <i>Mangifera indica</i> (mango) (Sapindales: Anacardiaceae) fruit and options for phytosanitary measures for the international movement of <u>fresh</u> mango fruit.	P	Category : <i>EDITORIAL</i> (126) European Union (25 Sep 2024 4:45 PM) Addition of fresh for clarity
31	This commodity standard provides guidance for	P	Category : <i>EDITORIAL</i> (109) Canada (20 Sep 2024 9:11 PM)

	national plant protection organizations (NPPOs) on pests associated with fresh <i>Mangifera indica</i> (mango) (Sapindales: Anacardiaceae) fruit and options for phytosanitary measures for the international movement of fresh mango fruit.		Consistent with the title of the draft Annex
31	This commodity standard provides guidance for national plant protection organizations (NPPOs) on pests associated with fresh <i>Mangifera indica</i> (mango) (Sapindales: Anacardiaceae) fruit and options for phytosanitary measures for the international movement of fresh mango fruit.	P	Category : EDITORIAL (73) EPPO (13 Sep 2024 5:27 PM) Addition of fresh for clarity
31	This commodity standard provides guidance for national plant protection organizations (NPPOs) on pests associated with fresh <i>Mangifera indica</i> (mango) (Sapindales: Anacardiaceae) fruit and options for phytosanitary measures for the international movement of mango fruit.	C	Category : EDITORIAL (60) Bangladesh (28 Aug 2024 11:38 AM) National Plant Protection Organizations
31	This commodity standard provides guidance for	P	Category : TECHNICAL (46) COSAVE (26 Aug 2024 5:14 PM) For consistency

	national plant protection organizations (NPPOs) on pests associated with fresh <i>Mangifera indica</i> (mango) (Sapindales: Anacardiaceae) fruit and options for phytosanitary measures for the international movement of fresh mango fruit.		
31	This commodity standard provides guidance for national plant protection organizations (NPPOs) on pests associated with fresh <i>Mangifera indica</i> (mango) (Sapindales: Anacardiaceae) fruit and options for phytosanitary measures for the international movement of fresh mango fruit.	P	<p>Category : <i>TECHNICAL</i></p> <p> Thailand (19) Uruguay (18 Aug 2024 1:49 AM) For consistency</p>
33	This commodity standard applies to the fresh fruit of all cultivars and varieties of <i>M. indica</i> . It applies to fresh whole <i>M. indica</i> fruit, with or without a section of <u>the fruit stalk stem (pedicel)</u> attached but without leaves or stemleaves . The standard applies to fruit that has been produced for international trade and is intended for consumption or processing in an	P	<p>Category : <i>SUBSTANTIVE</i></p> <p>(118) PPPO (24 Sep 2024 5:57 PM) Recommend adding pedicel to be more specific about what is permitted. This is confusing, stem and stalk are too similar.</p>

	importing country. It does not apply to fruit that has already been processed (e.g. sliced, dried, frozen, canned).		
33	This commodity standard applies to the fresh fruit of all cultivars and varieties of <i>M. indica</i> . It applies to fresh whole <i>M. indica</i> fruit, with or without a section of fruit stalk attached but without leaves or stem. The standard applies to fruit that has been produced for international trade and is intended for consumption or processing in an importing country. It does not apply to fruit that has already been processed (e.g. sliced, dried, frozen, canned canned, peeled).	P	Category : TECHNICAL (110) Canada (20 Sep 2024 9:13 PM) Another example of level of processing
33	This commodity standard applies to the fresh fruit of all cultivars and varieties of <i>M. indica</i> . It applies to fresh whole <i>M. indica</i> fruit, with or without a section of fruit stalk attached but without leaves or stem. The standard applies to fruit that has been produced for international trade and is intended for	C	Category : TECHNICAL (33) South Africa (20 Aug 2024 2:03 PM) Cultivars and Varieties are not the same thing because cultivars are not true to type.

	consumption or processing in an importing country. It does not apply to fruit that has already been processed (e.g. sliced, dried, frozen, canned).		
34	3. Pests associated with fresh <i>Mangifera indica</i> fruit	C	Category : <i>SUBSTANTIVE</i> (38) Guinea-Bissau (21 Aug 2024 12:56 PM) It ok
35	The pests included in Table 1 are considered to be associated examples of associated pests with fresh <i>M. indica</i> fruit and some of these are regulated in international trade by at least one contracting party based on technical justification. The list of pests is not exhaustive, nor country specific.	P	Category : <i>SUBSTANTIVE</i> (164) Mexico (28 Sep 2024 8:07 PM) To be clear that not all of these pests must necessarily be regulated in an export, this will obviously depend on the result of the PRA.
36	The list of pests does not consider factors that may influence pest infestation of fruit in the country of origin (e.g. fruit cultivar or variety, geographical and ecological factors, general agricultural practices and production procedures).	C	Category : <i>SUBSTANTIVE</i> (202) Congo, DR (30 Sep 2024 8:58 PM) vu les details ennoncés dans ce projet d'annexe ,position egalement des participants à l'atelier regional de la region Afrique ,nous le soutenons
36	The list of pests does not consider factors that may influence-affect pest infestation of fruit in the country of origin (e.g. fruit	P	Category : <i>EDITORIAL</i> (191) Australia (30 Sep 2024 1:15 PM) For readability.

	cultivar or variety, geographical and ecological factors, general agricultural practices and production procedures).		
36	The list of pests does not consider factors that may influence pest infestation of fruit in the country of origin (e.g. fruit cultivar or variety, geographical and ecological factors, general agricultural practices and production procedures practices).	P	Category : EDITORIAL (127) European Union (25 Sep 2024 4:47 PM) 'Procedures' is not an appropriate term here.
36	The list of pests does not consider factors that may influence pest infestation of fruit in the country of origin (e.g. fruit cultivar or variety, geographical and ecological factors, general agricultural practices and production procedures practices).	P	Category : EDITORIAL (74) EPPO (13 Sep 2024 5:27 PM) 'Procedures' is not an appropriate term here.
37	Inclusion of a pest in Table 1 does not constitute technical justification for its regulation. When determining whether to regulate a pest listed in this commodity standard, an importing country should base its decision on technical justification using either a pest risk analysis or, where	C	Category : SUBSTANTIVE (165) Mexico (28 Sep 2024 8:10 PM) But the important thing is that, it is fresh and perishable fruit with intended use for consumption.

	applicable, another comparable examination and evaluation of available scientific information.		
37	Inclusion of a pest in Table 1 does not constitute technical justification for its regulation. When determining whether to regulate a pest listed in this commodity standard, an <u>the NPPO of the</u> importing country should base its decision on technical justification using either a pest risk analysis or, where applicable, another comparable examination and evaluation of available scientific information.	P	Category : EDITORIAL (111) Canada (20 Sep 2024 9:14 PM) Provide great clarity
38	Table 1. Pests considered to be associated with fresh <i>Mangifera indica</i> fruit*	C	Category : SUBSTANTIVE (170) China (29 Sep 2024 8:15 AM) Please add <i>Paracoccus marginatus</i> Williams & Granara de Willink, 1992, <i>Milviscutulus mangiferae</i> (Green, 1889) and <i>Drosicha stebbingii</i> (Stebbing, 1902) as quarantine pest. They are recognized as a quarantine pest on mangoes in China and many countries.
38	Table 1. Pests considered to be associated with fresh <i>Mangifera indica</i> fruit*	C	Category : EDITORIAL (128) European Union (25 Sep 2024 4:49 PM) A global check is needed in the table for correctness on the use of brackets
38	Table 1. Pests considered to be associated with fresh <i>Mangifera indica</i> fruit*	C	Category : EDITORIAL (75) EPPO (13 Sep 2024 5:27 PM) A global check is needed in the table for correctness on the use of brackets
122	<i>Bactrocera umbrosa</i> (Fabricius, 1805)	P	Category : TECHNICAL (177) China (29 Sep 2024 8:23 AM) In CABI and other sites and information, mango is not the host of <i>Bactrocera umbrosa</i> .
149	<i>Ferrisia malvastra</i> (McDaniel, 1962) In CABI and other sites and information, mango is not the host of <i>Ferrisia malvastra</i> .	P	Category : TECHNICAL (178) China (29 Sep 2024 8:23 AM)

189	Other Hemipterans hemipterans	P	Category : EDITORIAL (129) European Union (25 Sep 2024 4:52 PM) Editorial
189	Other Hemipterans hemipterans	P	Category : EDITORIAL (76) EPPO (13 Sep 2024 5:27 PM) Editorial
202	Geometridae	C	Category : SUBSTANTIVE (14) CA (13 Aug 2024 9:40 PM) It is requested to delete the family Geometridae and specie Biston suppressaria (Guenée, 1858) as the specie Biston suppressaria (Guenée, 1858) is exclusively associated with leaves and the draft annex is focused on fresh fruit.
202	Geometridae	P	Category : SUBSTANTIVE (4) Colombia (9 Aug 2024 11:03 PM) It is requested to delete the family Geometridae and specie Biston suppressaria (Guenée, 1858) as the specie Biston suppressaria (Guenée, 1858) is exclusively associated with leaves and the draft annex is focused on fresh fruit.
203	Biston suppressaria Myanmar support Colombia to delete Biston suppressaria (Guenée, 1858).	P	Category : TECHNICAL (123) Myanmar (25 Sep 2024 6:48 AM)
203	Biston suppressaria (Guenée, 1858)	P	Category : SUBSTANTIVE (6) Colombia (9 Aug 2024 11:04 PM) It is requested to delete the family Geometridae and specie Biston suppressaria (Guenée, 1858) as the specie Biston suppressaria (Guenée, 1858) is exclusively associated with leaves and the draft annex is focused on fresh fruit.
205	Limacodidae	P	Category : SUBSTANTIVE (15) CA (13 Aug 2024 9:40 PM) It is requested to delete the family Limacodidae and specie Darna trima (Moore, 1859), taking into account that the specie Darna trima (Moore, 1859) is exclusively associated with leaves and the draft annex is focused on fresh fruit.
205	Limacodidae	P	Category : SUBSTANTIVE (7) Colombia (9 Aug 2024 11:05 PM) It is requested to delete the family Limacodidae and specie Darna trima (Moore, 1859), taking into account that the specie Darna trima (Moore, 1859) is exclusively associated with leaves and the draft annex is focused on fresh fruit.
206	<i>Darna trima</i> (Moore, 1859)	C	Category : TECHNICAL (124) Myanmar (25 Sep 2024 6:52 AM) We support CA to delete Darna trima (Moore, 1859)
206	Darna trima (Moore, 1859)	P	Category : SUBSTANTIVE (8) Colombia (9 Aug 2024 11:05 PM) It is requested to delete the family Limacodidae and specie Darna trima (Moore, 1859), taking into account that the specie Darna trima (Moore, 1859) is exclusively associated with leaves and the draft annex is focused on fresh fruit.
219	Fungi	C	Category : SUBSTANTIVE (2) Egypt (31 Jul 2024 11:09 AM) Anthracnose (<i>Colletotrichum gloeosporioides</i>) can be included as it is a major pre- and post-harvest disease of mango, causing direct yield losses in the field as well as in cultivated mango plants. It also has a significant impact on fruit quality and subsequent marketability. It is associated with

			fresh fruits as a disease pathway.
221	<i>Cytosphaera mangiferae</i> Died., 1916	C	Category : TECHNICAL (47) COSAVE (26 Aug 2024 5:15 PM) Although mango is a host of <i>Cytosphaera mangiferae</i> , the TPCS should confirm if fresh mango fruit is a pathway for this pest. Otherwise it should be removed from the list
221	<i>Cytosphaera mangiferae</i> Died., 1916	C	Category : TECHNICAL (20) Uruguay (18 Aug 2024 1:51 AM) Although mango is a host of <i>Cytosphaera mangiferae</i> , the TPCS should confirm if fresh mango fruit is a pathway for this pest. Otherwise it should be removed from the list
224	<i>Xanthomonas citri</i> pv. <i>mangiferaeindicae</i> (Patel, Moniz & Kulkarni, 1948) Constantin <i>et al.</i> , 2016	C	Category : TECHNICAL (48) COSAVE (26 Aug 2024 5:16 PM) Although mango is a host of <i>Xanthomonas citri</i> pv. <i>mangiferaeindicae</i> , the TPCS should confirm if fresh mango fruit is a pathway for this pest. Otherwise it should be removed from the list
224	<i>Xanthomonas citri</i> pv. <i>mangiferaeindicae</i> (Patel, Moniz & Kulkarni, 1948) Constantin <i>et al.</i> , 2016	C	Category : TECHNICAL (21) Uruguay (18 Aug 2024 1:53 AM) Although mango is a host of <i>X. citri</i> pv. <i>mangiferaeindicae</i> the TPCS should confirm if fresh mango fruit is a pathway for this pest. Otherwise it should be removed from the list
226	[†] Scientific names used in this table are based on the submissions by contracting parties, except for <i>Zeugodacus cucurbitae</i> and <i>Zeugodacus tau</i> (submitted as <i>Bactrocera cucurbitae</i> and <i>Bactrocera tau</i> , respectively) and <i>Bactrocera dorsalis</i> (which includes submissions for <i>Bactrocera philippinensis</i>).	C	Category : SUBSTANTIVE (119) PPPO (24 Sep 2024 5:57 PM) Seeking clarification on whether its the <i>Bactrocera dorsalis</i> complex being referenced or the species only.
228	This section provides options for phytosanitary measures that may be relevant for the pests listed <u>exemplified</u> in Table 1. The options presented are not exhaustive and contracting parties may consider other options.	P	Category : SUBSTANTIVE (168) Mexico (28 Sep 2024 8:35 PM) To avoid confusion as the list of pests associated with mango fruit in this annex may be used incorrectly by NPPOs to establish requirements that are not in accordance with the risk assessment.
228	This section provides options for phytosanitary measures that may be relevant for the pests listed in Table 1. The options	P	Category : TECHNICAL (130) European Union (25 Sep 2024 4:56 PM) Improved clarity.

	presented are not exhaustive and contracting parties may consider other optionsphytosanitary measures .		
228	This section provides options for phytosanitary measures that may be relevant for the pests listed in Table 1. The options presented are not exhaustive and contracting parties may consider other optionsphytosanitary measures .	P	<i>Category : TECHNICAL</i> (77) EPPO (13 Sep 2024 5:27 PM) Improved clarity.
229	Contracting parties shall institute only phytosanitary measures that are technically justified (Article VII.2 (g) of the IPPC).	P	<i>Category : SUBSTANTIVE</i> (131) European Union (25 Sep 2024 4:57 PM) See the 9 references to this already in ISPM 46, Art VII.2(g) of the IPPC as well as the SPS agreement. If it is to remain in the text it needs to be above para 228
229	Contracting parties shall institute only phytosanitary measures that are technically justified (Article VII.2 (g) of the IPPC).	P	<i>Category : SUBSTANTIVE</i> (78) EPPO (13 Sep 2024 5:27 PM) See the 9 references to this already in ISPM 46, Art VII.2(g) of the IPPC as well as the SPS agreement. If it is to remain in the text it needs to be above para 228
230	Table 2 provides some options for general phytosanitary measures that may be relevant to pests considered to be associated with the international movement of fresh listed in Table 1.M. indica fruit .	P	<i>Category : EDITORIAL</i> (132) European Union (25 Sep 2024 5:00 PM) For clarity and improved consistency with paragraph 235 and as opposed to paragraph 231 (pest-specific options).
230	Table 2 provides some	P	<i>Category : EDITORIAL</i> (79) EPPO (13 Sep 2024 5:27 PM)

	<u>general</u> options for <u>general</u> phytosanitary measures that may be relevant to pests considered to be associated with the international movement of fresh-listed in Table 1 <i>M. indica</i> fruit.		For clarity and improved consistency with paragraph 235 and as opposed to paragraph 231 (pest-specific options).
231	Table 3 provides some pest-specific options for phytosanitary measures that may be relevant for the pests listed in Table 1, with further details being provided in Table 4 to Table 8. When applying phytosanitary measures, NPPOs should consider the parameters that are critical for the successful application of the measures. The NPPOs of importing countries should determine the level of risk reduction required to manage the general pest risk posed by regulated pests and evaluate whether options provided in this commodity standard meet this level before instituting these options as phytosanitary measures. National plant protection organizations The NPPOs should also consider whether applying a	P	Category : <i>SUBSTANTIVE</i> (134) European Union (25 Sep 2024 5:04 PM) A better word.

	measure to manage the pest risk posed by a specific pest may manage <u>affect</u> the pest risk posed by other pests.		
231	Table 3 provides some pest-specific options for phytosanitary measures that may be relevant for the pests listed in Table 1, with further details being provided in Table 4 to Table 8. When applying phytosanitary measures, NPPOs should consider the parameters that are critical for the successful application of the measures. The NPPOs of importing countries should determine the level of risk reduction required to manage the general pest risk posed by regulated pests and evaluate whether options provided in this commodity standard meet this level before instituting these options as phytosanitary measures. National plant protection organizations should also consider whether applying a measure to manage the pest risk posed by a specific pest may manage the pest risk posed by	C	<p>Category : <i>TECHNICAL</i></p> <p>(133) European Union (25 Sep 2024 5:01 PM)</p> <p>Request to redraft the highlighted text as it is very difficult to follow. Possibly, worth changing "instituting" to "applying" to provide clearer wording.</p>

	other pests.		
231	<p>Table 3 provides some pest-specific options for phytosanitary measures that may be relevant for the pests listed in Table 1, with further details being provided in Table 4 to Table 8. When applying phytosanitary measures, NPPOs should consider <u>ensure</u> the parameters that are critical parameters <u>parameters</u> for the successful application of the measures <u>measures</u> <u>are implemented</u>. The <u>Importing country</u> NPPOs of importing countries should determine <u>decide if</u> the level of risk reduction required to manage the general pest risk posed by regulated pests and evaluate whether options provided in this commodity standard meet this level <u>reduce the risk from regulated pests</u> before instituting these options using them as phytosanitary measures. National plant protection organizations should also consider whether applying a measure to manage the pest risk posed by a specific pest may manage</p>	P	<p>Category : <i>SUBSTANTIVE</i> (120) PPPO (24 Sep 2024 5:57 PM) Greater emphasis. Rewording second sentence for clarity.</p>

	the pest risk posed by other pests.		
231	Table 3 provides some pest-specific options for phytosanitary measures that may be relevant for the pests listed in Table 1, with further details being provided in Table 4 to Table 8. When applying phytosanitary measures, NPPOs should consider the parameters that are critical for the successful application of the measures. The NPPOs of importing countries should determine the level of risk reduction required to manage the general pest risk posed by regulated pests and evaluate whether options provided in this commodity standard meet this level before instituting these options as phytosanitary measures. National plant protection organizations should also consider whether applying a measure to manage the pest risk posed by a specific pest may manage the pest risk posed by other pests.	C	<p>Category : <i>TECHNICAL</i></p> <p>(81) EPPO (13 Sep 2024 5:27 PM)</p> <p>Request to redraft the highlighted text as it is very difficult to follow. Possibly, worth changing "instituting" to "applying" to provide clearer wording.</p>
231	Table 3 provides some pest-specific options for	P	<p>Category : <i>SUBSTANTIVE</i></p> <p>(80) EPPO (13 Sep 2024 5:27 PM)</p>

	<p>phytosanitary measures that may be relevant for the pests listed in Table 1, with further details being provided in Table 4 to Table 8. When applying phytosanitary measures, NPPOs should consider the parameters that are critical for the successful application of the measures. The NPPOs of importing countries should determine the level of risk reduction required to manage the general pest risk posed by regulated pests and evaluate whether options provided in this commodity standard meet this level before instituting these options as phytosanitary measures.</p> <p>National plant protection organizations The NPPOs should also consider whether applying a measure to manage the pest risk posed by a specific pest may manage <u>affect</u> the pest risk posed by other pests.</p>		<p>Editorial</p> <p>A better word.</p>
231	Table 3 provides some pest-specific options for phytosanitary measures that may be relevant for the pests listed in Table 1,	C	<p>Category : EDITORIAL</p> <p>(61) Bangladesh (28 Aug 2024 11:44 AM)</p> <p>Plant Protection Organizations</p>

	<p>with further details being provided in Table 4 to Table 8. When applying phytosanitary measures, NPPOs should consider the parameters that are critical for the successful application of the measures. The NPPOs of importing countries should determine the level of risk reduction required to manage the general pest risk posed by regulated pests and evaluate whether options provided in this commodity standard meet this level before instituting these options as phytosanitary measures. National plant protection organizations should also consider whether applying a measure to manage the pest risk posed by a specific pest may manage the pest risk posed by other pests.</p>		
231	<p>Table 3 provides some pest-specific options for phytosanitary measures that may be relevant for the pests listed in Table 1, with further details being provided in Table 4 to Table 8. When applying phytosanitary measures,</p>	P	<p><i>Category : TECHNICAL</i> (49) COSAVE (26 Aug 2024 5:20 PM) For consistency with adopted ISPMs. "regulated" replaced by "quarantine" because quarantine pests are the only regulated pests relevant in the movement of mango fruit</p>



	<p>NPPOs should consider the parameters that are critical for the successful application of the measures. The NPPOs of importing countries should determine-assess the level of-pest risk reduction required-and determine the phytosanitary import requirements to manage the general-associated pest risk posed by regulated quarantine pests and evaluate whether options provided in this commodity standard meet this level before instituting these options as phytosanitary measures. National plant protection organizations should also consider whether applying a measure to manage the pest risk posed by a specific pest may manage the pest risk posed by other pests.</p>		
231	<p>Table 3 provides some pest-specific options for phytosanitary measures that may be relevant for the pests listed in Table 1, with further details being provided in Table 4 to Table 8. When applying phytosanitary measures,</p>	P	<p>Category : <i>TECHNICAL</i> (23) Uruguay (18 Aug 2024 2:03 AM) For consistency with adopted ISPMs</p>

	<p>NPPOs should consider the parameters that are critical for the successful application of the measures. The NPPOs of importing countries should determine <u>assess</u> the level of pest risk reduction required and determine the phytosanitary import requirements to manage the general pest risk posed by regulated quarantine pests and evaluate whether options provided in this commodity standard meet this level the phytosanitary import requirements before instituting these options as phytosanitary measures. National plant protection organizations should also consider whether applying a measure to manage the pest risk posed by a specific pest may manage the pest risk posed by other pests.</p>		
232	<p>When considering the use of methyl bromide <u>bromide</u> (Table 7), NPPOs should refer to the Commission on Phytosanitary Measures (CPM) recommendation on the <i>Replacement or</i></p>	P	<p>Category : EDITORIAL (62) Bangladesh (28 Aug 2024 11:45 AM) (MBr)</p>

	<i>reduction of the use of methyl bromide as a phytosanitary measure</i> (R-03). Where possible, alternative options to methyl bromide fumigation that are more environmentally friendly should be selected and applied by NPPOs.		
232	When considering the use of methyl bromide (Table 7), NPPOs should refer to the Commission on Phytosanitary Measures (CPM) recommendation on the <i>Replacement or reduction of the use of methyl bromide as a phytosanitary measure</i> (R-03). Where possible, alternative options to methyl bromide fumigation that are <u>effective</u> more environmentally friendly should be selected and applied by NPPOs.	P	<p>Category : <i>TECHNICAL</i></p> <p>(34) South Africa (20 Aug 2024 2:07 PM)</p> <p>Suggest addition of the word: "Effective" to give emphasis on efficacy</p>
233	Measures included in this commodity standard may be effective at managing pest risk when used alone or may only be effective <u>or</u> when integrated with other measures in a systems approach as described in ISPM 14 (<i>The</i>	P	<p>Category : <i>TECHNICAL</i></p> <p>(43) Sri Lanka (22 Aug 2024 12:27 PM)</p> <p>Propose to delete the words may only be effective due to get a clear idea</p>

	<i>use of integrated measures in a systems approach for pest risk management).</i>		
236	Options for phytosanitary measures	C	<i>Category : TECHNICAL</i> (135) European Union (25 Sep 2024 5:07 PM) Put entries below in alphabetical order. List which are not alphabetised suggest that some hierarchy has been applied.
236	Options for phytosanitary measures	C	<i>Category : SUBSTANTIVE</i> (121) PPPO (24 Sep 2024 5:57 PM) Recommend tables are moved to beneath the accompanying description (move table 2 between paragraphs 230 and 231, move table 3 to between 231 and 232).
236	Options for phytosanitary measures	C	<i>Category : TECHNICAL</i> (82) EPPO (13 Sep 2024 5:27 PM) Put in alphabetical order. List which are not alphabetised suggest that some hierarchy has been applied.
250	ISPM 23 (<i>Guidelines for inspection</i>)	C	<i>Category : TECHNICAL</i> (63) Indonesia (1 Sep 2024 8:38 AM) Add "ISPM 31 Methodologies for sampling of consignments"
256	Table 3. Pest-specific options for phytosanitary measures	P	<i>Category : EDITORIAL</i> (192) Australia (30 Sep 2024 1:18 PM) Consider adding space between tables for readability throughout the document.
256	Table 3. Pest-specific options for phytosanitary measures	C	<i>Category : SUBSTANTIVE</i> (171) China (29 Sep 2024 8:17 AM) Add the treatment schedule for irradiation of <i>Bactrocera correcta</i> (Bezzi): <i>Bactrocera correcta</i> (Bezzi) minimum absorbed dose of 98 Gy SN/T 5397-2022 The minimum absorbed dose for phytosanitary irradiation treatment of <i>Bactrocera correcta</i> (Bezzi).
256	Table 3. Pest-specific options for phytosanitary measures	C	<i>Category : EDITORIAL</i> (137) European Union (25 Sep 2024 5:09 PM) Typo: Please insert a blank line.
256	Table 3. Pest-specific options for phytosanitary measures	C	<i>Category : TECHNICAL</i> (136) European Union (25 Sep 2024 5:08 PM) Methyl bromide is effective against all pests from the Table 1, except fungi and bacteria. We consider that it could be relevant to add measure MB 1 to weevils and mealybugs. This point needs to be checked.
256	Table 3. Pest-specific options for phytosanitary measures	C	<i>Category : TECHNICAL</i> (84) EPPO (13 Sep 2024 5:27 PM) Methyl bromide is effective against all pests from the Table 1, except fungi and bacteria. We consider that it could be relevant to add measure MB 1 to weevils and mealybugs. This point needs to be checked.
256	Table 3. Pest-specific options for phytosanitary measures	P	<i>Category : EDITORIAL</i> (83) EPPO (13 Sep 2024 5:27 PM) Typo: Please insert a blank line.
265	<i>Sternochetus olivieri</i>	C	<i>Category : TECHNICAL</i> (179) China (29 Sep 2024 8:25 AM)

			The selected phytosanitary measure is IRDN 9, but there is no irradiation treatment measure for <i>Sternochetus olivieri</i> in IRDN 9: APHIS-PPQ-ISMU (2023) . Irradiation conditions were set only for [261] <i>Sternochetus frigidus</i> and [263] <i>Sternochetus mangiferae</i> .
269	Anastrepha distincta	C	<i>Category : TECHNICAL</i> (180) China (29 Sep 2024 8:25 AM) References for HWIT 2 were "MERCOSUR (2006) "和"MPI (n.d.)", and no HWIT for "Anastrepha distincta" was found. According to the literature of [615] and [616] , the corresponding HWIT can not be found, please re-check the accuracy of the link.
278	HWIT 1, 2; IRDN1 ; SA 2	C	<i>Category : TECHNICAL</i> (64) Indonesia (1 Sep 2024 8:39 AM) Should be "IRDN 3 : PT 3 (Irradiation treatment for <i>Anastrepha serpentina</i>)" Based on PT 3 ISPM 28
287	Bactrocera correcta	C	<i>Category : SUBSTANTIVE</i> (172) China (29 Sep 2024 8:18 AM) Add the treatment schedule for irradiation of <i>Bactrocera correcta</i> (Bezzi): <i>Bactrocera correcta</i> (Bezzi) minimum absorbed dose of 98 Gy. SN/T 5397-2022 The minimum absorbed dose for phytosanitary irradiation treatment of <i>Bactrocera correcta</i> (Bezzi).
292	HWIT 3, 4, 5, 6; IRDN 4 ; MB 1; SA-2SA 2 ; VHT 1, 4, 7, 9	P	<i>Category : EDITORIAL</i> (139) European Union (25 Sep 2024 5:14 PM) "SA-2" should not be in bold because it is not a PT (see paragraphs 234 and 591-598).
292	HWIT 3, 4, 5, 6; IRDN 4 ; MB 1; SA-2SA 2 ; VHT 1, 4, 7, 9	P	<i>Category : EDITORIAL</i> (85) EPPO (13 Sep 2024 5:27 PM) "SA-2" should not be in bold because it is not a PT (see paragraphs 234 and 591-598).
296	IRDN 5 ; SA 2; VHT 5, 6	C	<i>Category : TECHNICAL</i> (181) China (29 Sep 2024 8:26 AM) The quarantine measure is VHT 6, which is VHT for " <i>Bactrocera tryoni</i> " on mangoes. does it apply to " <i>Bactrocera frauenfeldi</i> , <i>Bactrocera jarvisi</i> , <i>Bactrocera umbrosa</i> "?
310	VHT 8 ; IRDN 5 ; SA 2; VHT 8	P	<i>Category : EDITORIAL</i> (138) European Union (25 Sep 2024 5:13 PM) Put VHT 8 at the end to keep the same order as done for the other pests.
310	VHT 8 ; IRDN 5 ; SA 2	C	<i>Category : EDITORIAL</i> (86) EPPO (13 Sep 2024 5:27 PM) Put VHT 8 at the end to keep the same order as done for the other pests.
316	SA 2 ; VHT 6	P	<i>Category : TECHNICAL</i> (108) Japan (20 Sep 2024 9:56 AM) SA 2 is a measure based on ISPM 35 (Systems approach for pest risk management of fruit flies (Tephritidae)), and this measure is applicable to <i>Bactrocera umbrosa</i> as well as other <i>Bactrocera</i> species.
316	VHT 6 IRDN 5 ; SA 2, VHT 6	P	<i>Category : TECHNICAL</i> (140) European Union (25 Sep 2024 5:20 PM) 1) Addition of IRDN 5 (in bold) and SA 2 (not in bold): <i>Bactrocera umbrosa</i> was added in Table 3 following first consultation and for this pest IRDN 5 (= PT 7 (Irradiation treatment for fruit flies of the family Tephritidae (generic)) and SA 2 (for which the

			reference is ISPM 35 (Systems approach for pest risk management of fruit flies (Tephritidae)) should be added. 2) "VHT*6" should be in bold because it is a PT (= PT 31 (Vapour heat treatment for Bactrocera tryoni on Mangifera indica)).
316	VHT 6; IRDN 5; SA 2; VHT 6	P	Category : TECHNICAL (87) EPPO (13 Sep 2024 5:27 PM) 1) Addition of IRDN 5 (in bold) and SA 2 (not in bold): Bactrocera umbrosa was added in Table 3 following first consultation and for this pest IRDN 5 (= PT 7 (Irradiation treatment for fruit flies of the family Tephritidae (generic)) and SA 2 (for which the reference is ISPM 35 (Systems approach for pest risk management of fruit flies (Tephritidae)) should be added. 2) "VHT*6" should be in bold because it is a PT (= PT 31 (Vapour heat treatment for Bactrocera tryoni on Mangifera indica)).
316	VHT 6	C	Category : TECHNICAL (65) Indonesia (1 Sep 2024 8:40 AM) Add "IRDN 5 : PT 7 (Irradiation treatment for fruit flies of the family Tephritidae (generic))" PT 7 also applies to B. umbrosa (family Tephritidae)
321	Ceratitis capitata	C	Category : TECHNICAL (159) Kenya (26 Sep 2024 11:17 AM) Vapour Heat Treatment (VHT) is also effective against Ceratitis spp. VHT should be recommended as an option of phytosanitary treatments
323	Ceratitis cosyra	C	Category : TECHNICAL  Congo, DR (36) Kenya (20 Aug 2024 10:20 PM) Vapour Heat Treatment (VHT) is effective for Ceratitis spp. VHT should be recommended as an option of Phytosanitary treatment
325	Ceratitis rosa	C	Category : TECHNICAL  Congo, DR (37) Kenya (20 Aug 2024 10:21 PM) Vapour Heat Treatment (VHT) is effective for Ceratitis spp. VHT should be recommended as an option of Phytosanitary treatment
330	IRDN 2; SA 2; VHT 4, 7-9	P	Category : EDITORIAL (141) European Union (25 Sep 2024 5:23 PM) Typo: Addition of a missing comma after "7".
330	IRDN 2; SA 2; VHT 4, 7-9	P	Category : EDITORIAL (88) EPPO (13 Sep 2024 5:27 PM) Typo: Addition of a missing comma after "7".
331	Mealybugs	C	Category : SUBSTANTIVE (174) China (29 Sep 2024 8:20 AM) Add the treatment schedule for irradiation of Pseudococcus baliteus): Pseudococcus baliteus minimum absorbed dose of 183 Gy 1. Draft ISPM 2023-033: Irradiation treatment for Pseudococcus baliteus. 2. Zhao Q.Y., Ma F.H., Deng, W., Li Z.H., Song Z.J., Ma C., Ren Y.L., Du X., Zhan G.P. 2023.

			Phytopathological treatment of the aerial root mealybug, <i>Pseudococcus baliteus</i> (Hemiptera: Pseudococcidae). Journal of Economic Entomology, 116 (5): 1567-1574. https://doi.org/10.1093/jee/toad170 .
340	SA 1; export inspection ; inspection *; official laboratory analysis†	P	<i>Category : EDITORIAL</i> (142) European Union (25 Sep 2024 5:25 PM) Typo: location of the "*" to be corrected.
340	SA 1; export inspection ; inspection *; official laboratory analysis†	P	<i>Category : EDITORIAL</i> (89) EPPO (13 Sep 2024 5:27 PM) Typo: location of the "*" to be corrected.
340	SA 1; export inspection; official laboratory analysis †	P	<i>Category : TECHNICAL</i> (50) COSAVE (26 Aug 2024 5:22 PM) Deleted because is an inappropriate measure for an external feeder
340	SA 1; export inspection; official laboratory analysis †	P	<i>Category : TECHNICAL</i> (24) Uruguay (18 Aug 2024 2:07 AM) It is an inappropriate measure for an external feeder
343	<i>Planococcus lilacinus</i>	C	<i>Category : SUBSTANTIVE</i> (173) China (29 Sep 2024 8:19 AM) Add the treatment schedule for irradiation of <i>Planococcus lilacinus</i> : <i>Planococcus lilacinus</i> minimum absorbed dose of 163 Gy. 1. Draft ISPM 2023-035: Irradiation treatment for <i>Planococcus lilacinus</i> . 2. Ma, C; Liu, H., Liu B., Zhao, J.P., Zhao, Q.Y., Song, Z.J., Han, X., and Zhan, G.P. 2022. Gamma and X-ray irradiation as a phytosanitary treatment against various stages of <i>Planococcus lilacinus</i> (Hemiptera: Pseudococcidae). Journal of Asia-Pacific Entomology, 25: 102009. Doi: 10.1016/j.aspen.2022.102009
350	IRDN 7 ; SA 1; export inspection*	P	<i>Category : EDITORIAL</i> (143) European Union (25 Sep 2024 5:27 PM) Typo: "7" should be in bold because IRDN 7 is a PT (= PT 45 (Irradiation treatment for <i>Pseudococcus jackbeardsleyi</i>)).
350	IRDN 7 ; SA 1; export inspection*	P	<i>Category : EDITORIAL</i> (90) EPPO (13 Sep 2024 5:27 PM) Typo: "7" should be in bold because IRDN 7 is a PT (= PT 45 (Irradiation treatment for <i>Pseudococcus jackbeardsleyi</i>)).
375	<i>Biston suppressaria</i>	P	<i>Category : SUBSTANTIVE</i> (17) CA (13 Aug 2024 9:43 PM) It is requested to delete the specie <i>Biston suppressaria</i> (Guenée, 1858) and its measurement option, taking into account that it is exclusively associated with leaves and the draft annex is focused on fresh fruit.
375	<i>Biston suppressaria</i>	P	<i>Category : SUBSTANTIVE</i> (16) CA (13 Aug 2024 9:43 PM) It is requested to delete the specie <i>Darna trima</i> (Moore, 1859) and its measurement option, as it is associated exclusively with leaves and the draft Annex is focused on fresh fruit.
375	<i>Biston suppressaria</i>	P	<i>Category : SUBSTANTIVE</i> (9) Colombia (9 Aug 2024 11:06 PM) It is requested to delete the specie <i>Biston suppressaria</i> (Guenée, 1858) and its measurement option, taking into account that it is exclusively associated with leaves and the draft annex is focused on fresh fruit.

376	Export inspection*	P	<p>Category : <i>SUBSTANTIVE</i> (10) Colombia (9 Aug 2024 11:07 PM) It is requested to delete the specie <i>Biston suppressaria</i> (Guenée, 1858) and its measurement option, taking into account that it is exclusively associated with leaves and the draft annex is focused on fresh fruit.</p>
377	Darna trima	P	<p>Category : <i>SUBSTANTIVE</i> (11) Colombia (9 Aug 2024 11:07 PM) It is requested to delete the specie <i>Darna trima</i> (Moore, 1859) and its measurement option, as it is associated exclusively with leaves and the draft Annex is focused on fresh fruit.</p>
378	Export inspection*	P	<p>Category : <i>SUBSTANTIVE</i> (13) Colombia (9 Aug 2024 11:08 PM) It is requested to delete the specie <i>Darna trima</i> (Moore, 1859) and its measurement option, as it is associated exclusively with leaves and the draft Annex is focused on fresh fruit.</p>
393	<i>Cytosphaera mangiferae</i>	C	<p>Category : <i>TECHNICAL</i> (51) COSAVE (26 Aug 2024 5:22 PM) See COSAVE comment in paragraph 221</p>
393	Cytosphaera mangiferae	C	<p>Category : <i>TECHNICAL</i> (25) Uruguay (18 Aug 2024 2:08 AM) See Uruguay comment in paragraph 221</p>
397	<i>Xanthomonas citri</i> pv. <i>mangiferaeindicae</i>	C	<p>Category : <i>TECHNICAL</i> (52) COSAVE (26 Aug 2024 5:23 PM) See COSAVE comment in paragraph 224</p>
397	Xanthomonas citri pv. <i>mangiferaeindicae</i>	C	<p>Category : <i>TECHNICAL</i> (26) Uruguay (18 Aug 2024 2:09 AM) See Uruguay comment in paragraph 224</p>
399	Notes: Options in bold are annexes to ISPM 28 (<i>Phytosanitary treatments for regulated <u>pests and non regulated pests</u></i>): these annexes are adopted by the Commission on Phytosanitary Measures (CPM); other treatments included in the table meet the criteria in ISPM 46 (<i>Commodity-specific standards for phytosanitary measures</i>) but are not adopted by the CPM.	P	<p>Category : <i>TECHNICAL</i> (125) Eswatini (25 Sep 2024 10:00 AM)</p>
399	Notes: Options in bold are annexes to ISPM 28 (<i>Phytosanitary treatments for regulated pests</i>): these annexes are adopted by the Commission on Phytosanitary Measures (CPM); other treatments included in the table meet the criteria in ISPM 46 (<i>Commodity-specific</i>	C	<p>Category : <i>EDITORIAL</i> (68) United States of America (9 Sep 2024 7:12 PM) For clarity. This should be a footnote, and repeated for each table where it is used</p>

	standards for phytosanitary measures) but are not adopted by the CPM.		
402	HWIT, hot water immersion treatment (see Table 4); IRDN, irradiation (see Table 6); MB, methyl bromide fumigation (see Table 7); SA, systems approach (see Table 8); VHT, vapour heat treatment (see Table 5).	C	Category : EDITORIAL (182) China (29 Sep 2024 8:26 AM) In the order in which the tables appear, they should appear in the order in which they appear in tables 4,5,6,7, and 8.
402	HWIT, hot water immersion treatment (see Table 4); IRDN, irradiation (see Table 6); MB, methyl bromide fumigation (see Table 7); SA, systems approach (see Table 8); VHT, vapour heat treatment (see Table 5).	C	Category : EDITORIAL (69) United States of America (9 Sep 2024 7:14 PM) This description of abbreviations/ initialisms should be a chapeau at the beginning of the table. It is difficult to find these abbreviations at the very bottom of the table
402	HWIT, hot water immersion treatment (see Table 4); IRDN, irradiation (see Table 6); MB, methyl bromide fumigation (see Table 7); SA, systems approach (see Table 8); VHT, vapour heat treatment (see Table 5).	C	Category : TECHNICAL (54) United States of America (27 Aug 2024 3:56 PM) These should be footnotes
403	Table 4. Options for hot water immersion treatment (HWIT)	C	Category : EDITORIAL (144) European Union (25 Sep 2024 5:28 PM) Typo: Please insert a blank line.
403	Table 4. Options for hot water immersion treatment (HWIT)	P	Category : EDITORIAL (91) EPPO (13 Sep 2024 5:27 PM) Typo: Please insert a blank line.
405	Single Fruit weight (g)	P	Category : SUBSTANTIVE (175) China (29 Sep 2024 8:21 AM) more clear
422	APHIS-PPQ-ISMU (2023)	C	Category : EDITORIAL (55) United States of America (27 Aug 2024 3:57 PM) Should be listed on the NPPO level, as APHIS-PPQ (2023)
461	HWIT 5	C	Category : SUBSTANTIVE (176) China (29 Sep 2024 8:22 AM) The time of "10 minutes" proposed in [464] differs considerably from the processing time in [409][423][432] , and it is recommended that the indicator of [461] HWIT 5 and the literature be referred to Technical Panel on Phytosanitary Treatments (TPPT) for review.
465	Srikachar, Damrak and Promkum (2018) Srikachar, S., & Damrak, K. 2024	P	Category : SUBSTANTIVE (29) Thailand (19 Aug 2024 8:54 AM) We would like to replace this reference with a more updated published document.

470	Zakariya and Alhassan (2014)	C	<p>Category : <i>SUBSTANTIVE</i> (30) Thailand (19 Aug 2024 9:02 AM) As refer in the section 5, the reference with a link (www.ijstr.org/final-print/sep2014/Application-Of-Hot-Water-And-Temperature-Treatments-To-Improve-Quality-Of-Keitt-And-Nam-Doc-Mai-Mango-Fruits.pdf), this paper does not contain any information related to the quarantine treatment for fruit flies as mentioned in table 2. So, the referenced document should be reviewed or replaced with the correct information.</p>
474	Table 5. Options for vapour heat treatment (VHT)	C	<p>Category : <i>EDITORIAL</i> (145) European Union (25 Sep 2024 5:29 PM) Typo: Please insert a blank line.</p>
474	Table 5. Options for vapour heat treatment (VHT)	P	<p>Category : <i>EDITORIAL</i> (92) EPPO (13 Sep 2024 5:27 PM) Typo: Please insert a blank line.</p>
479	References	C	<p>Category : <i>EDITORIAL</i> (147) European Union (25 Sep 2024 5:33 PM) Missing *</p>
479	ReferencesReferences*	P	<p>Category : <i>EDITORIAL</i> (93) EPPO (13 Sep 2024 5:27 PM) Missing *</p>
484	APHIS-PPQ-ISMU (2023)	C	<p>Category : <i>EDITORIAL</i> (56) United States of America (27 Aug 2024 3:58 PM) Should be listed on the NPPO level, as APHIS-PPQ (2023)</p>
489	MAFF ICA (2021)	P	<p>Category : <i>SUBSTANTIVE</i> (107) Japan (20 Sep 2024 9:45 AM) The document is published by ICA, not MAFF. See paragraph 614</p>
530	For VHT 1–6 and VHT 8, fruit is treated in a vapour heat chamber, whereas for VHT 7 fruit is treated in a high temperature forced air chamber.	C	<p>Category : <i>TECHNICAL</i> (148) European Union (25 Sep 2024 5:37 PM) Should VHT9 also be included here? This is to be checked</p>
530	For VHT 1–6 and VHT 8, fruit is treated in a vapour heat chamber, whereas for VHT 7 fruit is treated in a high temperature forced air chamber.	C	<p>Category : <i>TECHNICAL</i> (94) EPPO (13 Sep 2024 5:27 PM) Should VHT9 also be included here? This is to be checked</p>
530	For VHT 4–6 1–7 and VHT 89 , fruit is treated in a vapour heat chamber, whereas for VHT 7–8 fruit is treated in a high temperature forced air chamber.	P	<p>Category : <i>SUBSTANTIVE</i> (32) Thailand (19 Aug 2024 9:16 AM) To correct the treatment referred to in Table 5.</p>
531	Table 6. Options for irradiation (IRDN)	C	<p>Category : <i>EDITORIAL</i> (149) European Union (25 Sep 2024 5:38 PM) Typo: Please insert a blank line.</p>
531	Table 6. Options for irradiation (IRDN)	P	<p>Category : <i>EDITORIAL</i> (95) EPPO (13 Sep 2024 5:27 PM) Typo: Please insert a blank line.</p>

563	APHIS-PPQ-ISMU (2023)	C	Category : EDITORIAL (57) United States of America (27 Aug 2024 3:58 PM) Should be listed on the NPPO level, as APHIS-PPQ (2023)
568	National plant protection organizations should also refer to ISPM 18 (<i>Requirements for the use of irradiation as a phytosanitary treatmentmeasure</i>).	P	Category : EDITORIAL (150) European Union (25 Sep 2024 5:40 PM) Correct title of ISPM 18.
568	National plant protection organizations should also refer to ISPM 18 (<i>Requirements for the use of irradiation as a phytosanitary treatmentmeasure</i>).	P	Category : EDITORIAL (96) EPPO (13 Sep 2024 5:27 PM) Correct title of ISPM 18.
570	Table 7. Options for methyl bromide fumigation (MB) (applied under normal atmospheric pressure)	C	Category : EDITORIAL (151) European Union (25 Sep 2024 5:41 PM) Typo: Please insert a blank line.
570	Table 7. Options for methyl bromide fumigation (MB) (applied under normal atmospheric pressure)	P	Category : EDITORIAL (97) EPPO (13 Sep 2024 5:27 PM) Typo: Please insert a blank line.
581	Note: NPPOs National plant protection organizations should also refer to ISPM 43 (<i>Requirements for the use of fumigation as a phytosanitary measure</i>) and CPM recommendation R03 <i>Replacement or reduction of the use of methyl bromide as a phytosanitary measure</i> .	P	Category : EDITORIAL (152) European Union (25 Sep 2024 5:45 PM) acronym and additional reference
581	Note: NPPOs National plant protection organizations should also refer to ISPM 43 (<i>Requirements for the use of fumigation as a phytosanitary measure</i>) and CPM recommendation R03 <i>Replacement or reduction of the use of methyl bromide as a phytosanitary measure</i> .	P	Category : EDITORIAL (98) EPPO (13 Sep 2024 5:27 PM) acronym and additional reference
582	Table 8. Options for systems approaches based on ISPM 14 (approaches <i>The use of integrated measures in a systems approach for pest</i>	P	Category : TECHNICAL (153) European Union (25 Sep 2024 5:47 PM) Typo: Please insert a blank line. Not needed/ consistent with the other tables

	risk management		
582	Table 8. Options for systems approaches based on ISPM 14 (The use of integrated measures in a systems approach for pest risk management)	P	<p>Category : <i>TECHNICAL</i> (99) EPPO (13 Sep 2024 5:27 PM) Typo: Please insert a blank line.</p> <p>Not needed/ consistent with the other tables</p>
586	SA 1	C	<p>Category : <i>EDITORIAL</i> (70) United States of America (9 Sep 2024 7:16 PM) SA is never defined</p>
589	Post-harvest control measures (e.g. washing and brushing; chemical dipping ; treatment, targeted inspection and remedial-corrective action to remove external pests)	P	<p>Category : <i>TECHNICAL</i> (154) European Union (25 Sep 2024 5:49 PM) The TPG recommended to replace "remedial action" with "corrective action" which is a term commonly used in ISPMs (please see paragraph 63 of the TPG December 2023 report).</p> <p>Isn't "chemical dipping" a treatment? We propose deleting. If not accepted, "treatment" should be replaced with "other treatments"? Please note that "treatments" is in plural in paragraph 595.</p> <p>Typo: ";" to be replaced with "," for consistency within the Table.</p>
589	Post-harvest control measures (e.g. washing and brushing; chemical dipping ; treatment, targeted inspection and remedial-corrective action to remove external pests)	P	<p>Category : <i>TECHNICAL</i> (100) EPPO (13 Sep 2024 5:27 PM) The TPG recommended to replace "remedial action" with "corrective action" which is a term commonly used in ISPMs (please see paragraph 63 of the TPG December 2023 report).</p> <p>Isn't "chemical dipping" a treatment? We propose deleting. If not accepted, "treatment" should be replaced with "other treatments"? Please note that "treatments" is in plural in paragraph 595.</p> <p>Typo: ";" to be replaced with "," for consistency within the Table.</p>
599	Note: NPPOs National plant protection organizations should also refer to ISPM 4414 (Requirements for the use of fumigation as a phytosanitary measure).	P	<p>Category : <i>EDITORIAL</i> (155) European Union (25 Sep 2024 5:52 PM) acronym and inclusion of the full ISPM title to be consistent</p>
599	Note: National plant protection organizations should also refer to ISPM 4414 (The use of integrated measures in a systems approach for pest risk management).	P	<p>Category : <i>EDITORIAL</i> (112) Canada (20 Sep 2024 9:20 PM) Consistent with other footnotes</p>
599	Note: NPPOs National plant protection organizations should also refer to ISPM 4414 (Requirements for the use of fumigation as a phytosanitary measure).	P	<p>Category : <i>EDITORIAL</i> (101) EPPO (13 Sep 2024 5:27 PM) acronym and inclusion of the full ISPM title to be consistent</p>
601	The present annex may	P	<p>Category : <i>EDITORIAL</i> (58) United States of America (27 Aug 2024 3:59 PM)</p>

	refer refers to ISPMs. ISPMs are available on the International Phytosanitary Portal (IPP) at https://www.ippc.int/core-activities/standards-setting/ispm s.		What is the meaning otherwise?
606	APHIS-PPQ-ISMU (Animal and Plant Health Inspection Service, Plant Protection and Quarantine, Manuals Unit). 2023. <i>Treatment manual</i> , interim edn. Washington, DC., United States Department of Agriculture, Government Printing Office. https://www.aphis.usda.gov/import_export/plants/manuals/ports/downloads/treatment.pdf	C	Category : TECHNICAL (71) United States of America (9 Sep 2024 7:16 PM) Use only the Manuals page, do not reference the actual treatments manuals link because it can change website locations and versions, etc. (the one here no longer exists and has been moved): https://www.aphis.usda.gov/trade-management/manuals
606	APHIS-PPQ-ISMU (Animal and Plant Health Inspection Service, Plant Protection and Quarantine, Manuals Unit). 2023. <i>Treatment manual</i> , interim edn. Washington, DC., United States Department of Agriculture, Government Printing Office. https://www.aphis.usda.gov/import_export/plants/manuals/ports/downloads/treatment.pdf	C	Category : EDITORIAL (59) United States of America (27 Aug 2024 4:00 PM) See related comment above.

	nuals/ports/downloads/treatment.pdf		
607	<p>APPPC (Asia and Pacific Plant Protection Commission). 2021. <i>International movement of fresh mango (Mangifera indica) fruit. Regional Standard for Phytosanitary Measures (RSPM) 11.</i> APPPC. Bangkok, FAO. 12 pp. https://openknowledge.fao.org/handle/20.500.14283/cb5357en</p> <p>APQA (Animal and Plant Quarantine Agency). 2012. [<i>Import requirement for fresh mango fruits from Pakistan into Korea.</i>] Republic of Korea (in Korean). https://www.qia.go.kr/bbs/lawAnn/viewLawWebAction.do?id=190958&type=0</p>	P	<p>Category : EDITORIAL (156) European Union (25 Sep 2024 6:02 PM) Suggestion to move from paragraph 610 to follow the alphabetical order of the acronym and therefore make it easier to find the reference in the bibliography.</p>
607	<p>APQA (Animal and Plant Quarantine Agency) Protection Commission. 20122021. <i>International movement of fresh mango (Mangifera indica) fruit. Regional Standard for Phytosanitary Measures (RSPM) 11.</i></p>	P	<p>Category : EDITORIAL (102) EPPO (13 Sep 2024 5:27 PM) Suggestion to move from paragraph 610 to follow the alphabetical order of the acronym and therefore make it easier to find the reference in the bibliography.</p>

	<p>APPPC. Bangkok, FAO. 12 pp. https://openknowledge.fao.org/handle/20.500.14283/cb5357en</p> <p>APQA (Animal and Plant Quarantine Agency). 2012. [Import requirement for fresh mango fruits from Pakistan into Korea.] Republic of Korea (in Korean). https://www.qia.go.kr/bbs/lawAnn/viewLawWebAction.do?id=190958&type=0</p>		
609	<p>APQA. 2019. [Import requirement for fresh mango fruits from Cambodia into Korea.] Republic of Korea (in Korean). https://www.qia.go.kr/bbs/lawAnn/viewLawWebAction.do?id=201720&type=0</p>	C	<p>Category : EDITORIAL (157) European Union (25 Sep 2024 6:03 PM)</p> <p>1) The size of the font is not the same as for the other references.</p> <p>2) A space is missing before "https...".</p>
609	<p>APQA. 2019. [Import requirement for fresh mango fruits from Cambodia into Korea.] Republic of Korea (in Korean). https://www.qia.go.kr/bbs/lawAnn/viewLawWebAction.do?id=201720&type=0</p>	P	<p>Category : EDITORIAL (103) EPPO (13 Sep 2024 5:27 PM)</p> <p>1) The size of the font is not the same as for the other references.</p> <p>2) A space is missing before "https...".</p>

610	APPPC (Asia and Pacific Plant Protection Commission) . 2021. <i>International movement of fresh mango (Mangifera indica) fruit. Regional Standard for Phytosanitary Measures (RSPM) 11</i> . APPPC. Bangkok, FAO. 12 pp. https://openknowledge.fao.org/handle/20.500.14283/eb5357en	P	<i>Category : EDITORIAL</i> (158) European Union (25 Sep 2024 6:04 PM) Suggestion to move before APQA 2012 (paragraph 607) to follow the alphabetical order of the acronym and therefore make it easier to find the reference in the bibliography.
610	APPPC (Asia and Pacific Plant Protection Commission) . 2021. <i>International movement of fresh mango (Mangifera indica) fruit. Regional Standard for Phytosanitary Measures (RSPM) 11</i> . APPPC. Bangkok, FAO. 12 pp. https://openknowledge.fao.org/handle/20.500.14283/eb5357en	P	<i>Category : EDITORIAL</i> (104) EPPO (13 Sep 2024 5:27 PM) Suggestion to move before APQA 2012 (paragraph 607) to follow the alphabetical order of the acronym and therefore make it easier to find the reference in the bibliography.
614	MAFF (Ministry of Agriculture, Forestry and Fisheries) <u>ICA (Instituto Colombiano Agropecuario)</u> . 2021. <i>Work plan for the export of mango from the Republic of Colombia</i> . Bogotá. 9 pp. https://www.ica.gov.co/getattachment/9bace868-	P	<i>Category : SUBSTANTIVE</i> (106) Japan (20 Sep 2024 9:44 AM) The document is published by ICA, not MAFF.

	59ec-4202-bcf3-381dc1897cce/Mango.aspx		
617	<p>Srikachar, S., & Damrak, K. 2024. Hot Water Immersion Treatment of Nam Dorkmai Mango Infested with Oriental Fruit Fly, <i>Bactrocera dorsalis</i> (Hendel) for export. 24 pp. https://drive.google.com/drive/folders/1vBPYhmVCU_BjJdt59xqnee79ix1rjet</p> <p><u>Hot Water Immersion Treatment of Nam Dorkmai Mango Infested with Oriental Fruit Fly, <i>Bactrocera dorsalis</i> (Hendel), for Export. Thai Agricultural Research Journal, 42(1). https://doi.org/10.14456/thaidoa-agres.2024.9</u></p>	P	<p>Category : <i>SUBSTANTIVE</i></p> <p>(31) Thailand (19 Aug 2024 9:05 AM)</p> <p>We would like to replace this reference with a more updated published document.</p>