

2021 SECOND CONSULTATION

1 July – 30 September 2021

Compiled comments for Draft PT: Irradiation treatment for *Sternochetus frigidus* (2017-036)

Summary

Name	Summary
EPPO Σ	A comments from the EPPO countries
European Union	The comments on this draft standard have been entered into the OCS by the European Commission on behalf of the EU and its member States.
Singapore	Singapore is supportive of this draft.
South Africa	The NPPOZA is in agreement with this draft and has no further comments
Venezuela	No tenemos opinión alguna sobre la norma.

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

FAO sequential number	Para	Text	T	Comment
1	G	(General Comment)	C	Guyana Guyana has no objection at this time. <i>Category : SUBSTANTIVE</i>
2	G	(General Comment)	C	Costa Rica we have no comments <i>Category : SUBSTANTIVE</i>
3	G	(General Comment)	C	Nepal Nepal has no comments on DRAFT ANNEX TO ISPM 28: Irradiation treatment for <i>Sternochetus frigidus</i> on <i>Mangifera indica</i> <i>Category : EDITORIAL</i>
4	G	(General Comment)	C	Mexico I support the document as it is and I have no comments <i>Category : SUBSTANTIVE</i>
5	G	(General Comment)	C	Russian Federation The Russian Federation would like to formally endorse the EPPO comments submitted via the IPPC Online Comment System <i>Category : SUBSTANTIVE</i>
6	G	(General Comment)	C	European Union The comments by the EU and its Member States are provided without prejudice to the European Union food safety legislation imposing limitations on the acceptance of irradiated goods. <i>Category : SUBSTANTIVE</i>
7	G	(General Comment)	C	Australia Australia has reviewed and is supportive of this current text. <i>Category : SUBSTANTIVE</i>
8	G	(General Comment)	C	Colombia In ISPM 18. 2003. Guidelines for the use of irradiation as a

				<p>phytosanitary measure, published in 2019. It includes that: "Modified atmospheres may reduce treatment efficacy at a prescribed dose".</p> <p>However, in the new proposal for ISPM 18 [2021 First Consultation: Draft ISPM: Revision of ISPM 18 (2014-007)] this paragraph was not included but does appear in this proposed annex: [42]This treatment should not be applied to fruit of <i>Mangifera indica</i> stored in a modified atmosphere because the modified atmosphere may affect the treatment efficacy.</p> <p>It is not clear whether modified atmospheres affect the efficiency of irradiation treatment, but if so, it should have been included in the new proposal for ISPM 18.. <i>Category : SUBSTANTIVE</i></p>
9	G	(General Comment)	C	<p>Malawi We support draft annex to ISPM 28: Irradiation treatment for <i>Sternochetus frigidus</i> on <i>Mangifera indica</i> (2017-036) <i>Category : SUBSTANTIVE</i></p>
10	G	(General Comment)	C	<p>Barbados Barbados agrees with the proposal. <i>Category : SUBSTANTIVE</i></p>
11	G	(General Comment)	C	<p>United States of America We supports this treatment and have no comments. <i>Category : SUBSTANTIVE</i></p>
12	G	(General Comment)	C	<p>Korea, Republic of Republic of Korea does not support to adopt this standards because the number of pests to be experimented(2,274 adult female) is too small. Irradiation is resulted in sterilization and inactivation not in mortality of target pest. So sufficient size of sample should be used. <i>Category : EDITORIAL</i></p>
13	G	(General Comment)	C	<p>Thailand Thailand has no objection on the Draft PT: Irradiation treatment for <i>Sternochetus frigidus</i>. <i>Category : SUBSTANTIVE</i></p>
DRAFT ANNEX TO ISPM 28: Irradiation treatment for <i>Sternochetus frigidus</i> on <i>Mangifera indica</i> (2017-036)				
14	1	DRAFT ANNEX TO ISPM 28: Irradiation treatment for <i>Sternochetus frigidus</i> on <i>Mangifera indica</i> (2017-036)	C	<p>Viet Nam VN agrees with this draft annex to ISPM 28. Irradiation treatment for <i>Sternochetus frigidus</i> on <i>Mangifera indica</i> <i>Category : SUBSTANTIVE</i></p>
15	1	DRAFT ANNEX TO ISPM 28: Irradiation treatment for <i>Sternochetus frigidus frigidus</i> on <i>Mangifera indica</i> (2017-036)	P	<p>China For the sake of conformity and consistency of irradiation treatment standards recommended to delete "on <i>Mangifera indica</i> <i>Category : SUBSTANTIVE</i></p>

16	1	DRAFT ANNEX TO ISPM 28: Irradiation treatment for <i>Sternochetus frigidus</i> on <i>Mangifera indica</i> (2017-036)	C	Uruguay We agree with the document as it is, no comments <i>Category : TECHNICAL</i>
Treatment description				
17	37	Target regulated article Fruit of <i>Mangifera indica</i>	P	Canada Consistent with the Scope of the Treatment. <i>Category : TECHNICAL</i>
18	37	Target regulated article Fruit of <i>Mangifera indica</i>	P	Japan Specify the part of the plant targeted for the treatment like other PTs. <i>Category : EDITORIAL</i>
Other relevant information				
19	44	Because irradiation may not result in outright mortality, inspectors may encounter live but non-viable <i>Sternochetus frigidus</i> (eggs, larvae, pupae or adults) during the inspection process. This does not imply a failure of the treatment.	C	Colombia In the text: "Because irradiation may not result in outright mortality, inspectors may encounter live but non-viable <i>Sternochetus frigidus</i> (eggs, larvae, pupae or adults) during the inspection process. This does not imply a failure of the treatment.", the alternatives to follow should be included to clearly define when the treatment was or was not effective. Live insects of <i>Sternochetus frigidus</i> are assumed to be non-viable, but this condition would have to be assessed to confirm or disprove it. If the event that live pests are found, the NPPO would have to consider taking an emergency treatment and initiate the assessment of the viability of the pests found alive. It is not clear what would be the reference to evaluate the effectiveness or not of the treatment by the inspectors. What could be lent for misinterpretations in the result of the treatment. <i>Category : TECHNICAL</i>
20	45	The Technical Panel on Phytosanitary Treatments based its evaluation of this treatment on the research reported by Obara <i>et al.</i> (2014), which determined the efficacy of irradiation of <i>Sternochetus frigidus</i> on mangoes.	P	Japan Suggest full scientific name to be shown in consistent with other annexes of ISPM28. <i>Category : EDITORIAL</i>
21	46	The efficacy of this schedule was calculated based on a total of 2 274 adult females treated with no egg production; the control egg production was 397 eggs per female.	C	Colombia The number of 2,274 females treated to validate the treatment is too low to be considered as a large-scale trial. With the number of individuals evaluated in the reference study, one might think that this is a small-scale test. should be around 100,000 treated individuals, finding a mortality of 99.9968% (Probit level 9) (Couey and Chew 1986). However, in this case it is irradiation and the response to treatment is validated by the viability or not of the insect after being treated, so it is not clear what would be the appropriate number of insects to treat with a favorable response to treatment. <i>Category : TECHNICAL</i>

22	46	The efficacy of this schedule was calculated based on a total of 2 274 adult females treated with no egg production; the control egg production was 397 eggs per female.	C	New Zealand seeking clarification. Is it 2 trials? Or is the addition of an the extra 2 an error? Or is it 2274 and the space in between the 2s is an error? <i>Category : EDITORIAL</i>
References				
23	48	The present annex may refer refers to ISPMs. ISPMs are available on the International Phytosanitary Portal (IPP) at .	P	European Union The present annex refers to ISPMs 28 and 18. There is no reason to write "may refer". We understand that this is a general statement for all PTs and this comment may apply to other already adopted PTs. <i>Category : EDITORIAL</i>
24	48	The present annex may refer to ISPMs. ISPMs are available on the International Phytosanitary Portal (IPP) at The present annex refers to ISPMs. ISPMs are available on the International Phytosanitary Portal (IPP) at The present annex may refer to ISPMs. ISPMs are available on the International Phytosanitary Portal (IPP) at.	P	EPPO The present annex refers to ISPMs 28 and 18. There is no reason to write "may refer". We understand that this is a general statement for all PTs and this comment may apply to other already adopted PTs. <i>Category : EDITORIAL</i>