2020 SECOND CONSULTATION

1 July – 30 September 2020

Compiled comments for Draft PT: Irradiation treatment for *Carposina sasakii* (2017-026)

Summary of comments

Name	Summary
Cuba	No hay comentarios al documento propuesto.
European Union	The comments have been introduced by the European Commission on behalf of the European Union and its Member States.
Myanmar	Agree with the document
OIRSA	Revisión completa
Singapore	Singapore is supportive of this.
South Africa	Not applicable to us since Carposina sasakii (peach fruit moth) is not present in South Africa.

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

FAO sequential number	Para	Text	T	Comment
1	G	(General Comment)	C	*Category : SUBSTANTIVE* **(39) Guyana (30 Sep 2020 10:03 PM)** Guyana has no reservation regarding the draft document at this point.
2	G	(General Comment)	C	*Category : TECHNICAL* **(38) Australia (30 Sep 2020 12:58 PM)** Australia has reviewed this phytosanitary treatment and is supportive of this treatment and the respective text.
3	G	(General Comment)	C	*Category : SUBSTANTIVE* **(37) Costa Rica (29 Sep 2020 8:32 PM)** No comment
4	G	(General Comment)	C	*Category : SUBSTANTIVE* **(27) European Union (29 Sep 2020 5:07 PM)** The comments by the EU are provided without prejudice to the European Union food safety legislation imposing limitations on the acceptance of irradiated goods.
5	G	(General Comment)	C	*Category : TECHNICAL* **(26) Paraguay (29 Sep 2020 3:28 PM)** Paraguay agrees with Cosave's comments
6	G	(General Comment)	C	*Category : TECHNICAL* **(25) Slovenia (29 Sep 2020 1:57 PM)** Slovenia would like to formally endorse the EPPO comments submitted via the IPPC Online Comment System.
7	G	(General Comment)	C	*Category : SUBSTANTIVE* **(24) Argentina (29 Sep 2020 1:41 PM)** We have no comments on this phytosanitary treatment

8	G	(General Comment)	C	*Category : TECHNICAL* **(23) OIRSA (28 Sep 2020 7:14 PM)** No momentous comments for this document.
9	G	(General Comment)	C	*Category : SUBSTANTIVE* **(22) Barbados (28 Sep 2020 6:24 PM)** Barbados has no changes to make to the draft ISPM.
10	G	(General Comment)	C	*Category : SUBSTANTIVE* **(20) Mexico (26 Sep 2020 5:37 AM)** I support the document as it is and I have no comments
11	G	(General Comment)	C	*Category : SUBSTANTIVE* **(19) China (23 Sep 2020 8:41 AM)** No comments.
12	G	(General Comment)	C	*Category : TECHNICAL* **(18) Uruguay (22 Sep 2020 5:16 PM)** We agree with this document as it is
13	G	(General Comment)	C	*Category : SUBSTANTIVE* **(7) Qatar (9 Sep 2020 9:42 AM)** we don't have any comment
14	G	(General Comment)	C	*Category : SUBSTANTIVE* **(6) Malawi (5 Sep 2020 1:58 PM)** we agree with annex
15	G	(General Comment)	C	*Category : SUBSTANTIVE* **(5) Thailand (2 Sep 2020 10:34 AM)** Thailand has no objection on the proposed draft Irradiation treatment for Carposina sasakii.
16	G	(General Comment)	C	*Category : TECHNICAL* **(3) Kenya (27 Aug 2020 12:54 PM)** No comment, Kenya in agreement with the standard
17	G	(General Comment)	C	*Category : TECHNICAL* **(2) South Africa (27 Aug 2020 11:49 AM)** Not applicable to us since Carposina sasakii (peach fruit moth) is not present in South Africa.
18	G	(General Comment)	C	*Category : TECHNICAL* **(1) Venezuela (18 Aug 2020 12:45 AM)** La parte técnica del Organismo Fitosanitario de Venezuela, al analizar el proyecto de NIMF: normas para medidas fitosanitarias para productos, concluyo estar de acuerdo con lo planteado por el Grupo de debate sobre normas
19	1	**Draft ANNEX TO ISPM 28: Irradiation treatment for *Carposina sasakii* (2017-026)**	C	*Category : EDITORIAL* **(21) Nepal (28 Sep 2020 8:09 AM)** We have no comments on the draft Annex t
20	13	2018-05 ~~SC~~ Standards Committee (SC) added topic *Irradiation treatment for* Carposina sasakii (2017-026) to the TPPT work programme with priority 2.	P	*Category : EDITORIAL* **(28) European Union (29 Sep 2020 5:07 PM)** Acronym to be developed for its first use.
21	13	2018-05 ~~SC~~ Standards Committee (SC) added topic *Irradiation treatment for* Carposina sasakii (2017-026) to the TPPT work programme with priority 2.	P	*Category : EDITORIAL* **(8) EPPO (15 Sep 2020 1:29 PM)** Acronym to be developed for its first use.

22	20	2020-06 SC approved for second consultation ~~vie~~ via e-decision (2020_eSC_May_20)	P	*Category : EDITORIAL* **(29) European Union (29 Sep 2020 5:08 PM)** Typo.
23	20	2020-06 SC approved for second consultation ~~vie~~ via e-decision (2020_eSC_May_20)	P	*Category : EDITORIAL* **(9) EPPO (15 Sep 2020 1:29 PM)** Typo.
24	22	2018-07 Mr Scott ~~Myers~~ MYERS (USA)	P	*Category : EDITORIAL* **(30) European Union (29 Sep 2020 5:08 PM)** In capital letters.
25	22	2018-07 Mr Scott ~~Myers~~ MYERS (USA)	P	*Category : EDITORIAL* **(10) EPPO (15 Sep 2020 1:29 PM)** In capital letters.
26	36	Minimum absorbed dose of 228 Gy to prevent the emergence of viable adults of *Carposina sasakii*.	C	*Category : EDITORIAL* **(4) Egypt (28 Aug 2020 5:14 PM)** This line of information needs a reference to refer to for reliability
27	42	The Technical Panel on Phytosanitary Treatments based its evaluation of this treatment on the research reported by Zhan *et al.* (2014), which determined the efficacy of irradiation as a treatment for this pest in *Malus pumila* 'Red Fuji'. Additional information on the most tolerant life stage was also considered from Li *et al.* (2016).	P	*Category : EDITORIAL* **(31) European Union (29 Sep 2020 5:09 PM)** Typo: missing dot.
28	42	The Technical Panel on Phytosanitary Treatments based its evaluation of this treatment on the research reported by Zhan *et al.* (2014), which determined the efficacy of irradiation as a treatment for this pest in *Malus pumila* 'Red Fuji'. Additional information on the most tolerant life stage was also considered from Li *et al.* (2016).	P	*Category : EDITORIAL* **(11) EPPO (15 Sep 2020 1:29 PM)** Typo: missing dot.
29	43	The efficacy of this schedule was calculated based on a total of ~~30,~~ 30 580 late fifth-instar larvae treated with no viable adult emergence; the control emergence was 91.4%.	P	*Category : EDITORIAL* **(32) European Union (29 Sep 2020 5:10 PM)** Typo: comma to be deleted for consistency with the other phytosanitary treatments.
30	43	The efficacy of this schedule was calculated based on a total of ~~30,~~ 30 580 late fifth-instar larvae treated with no viable adult emergence; the control emergence was 91.4%.	P	*Category : EDITORIAL* **(12) EPPO (15 Sep 2020 1:29 PM)** Typo: comma to be deleted for consistency with the other phytosanitary treatments.
31	44	Extrapolation of treatment efficacy to all fruits and vegetables was based on knowledge and experience that radiation dosimetry systems measure the actual radiation dose absorbed by the target pest independent of host commodity, and evidence from research studies on a variety of pests and commodities. These include studies on the following pests and hosts: *Anastrepha fraterculus* (*Eugenia uvalha*, *Malus* ~~*pumila,*~~ *pumila* and *Mangifera indica*); *A. ludens* (*Citrus paradisi*, *Citrus sinensis*, ~~and~~ *M. indica* and artificial diet), *A. obliqua* (*Averrhoa carambola*, *C. sinensis*~~, and~~ and *Psidium guajaba*);	P	*Category : EDITORIAL* **(33) European Union (29 Sep 2020 5:11 PM)** 1) A comma to be deleted. 2) An "and" to be deleted. 3) Another comma to be deleted.

		A. suspensa (*A. carambola*, *C. paradisi* and *M. indica*), *Bactrocera tryoni* (*C. sinensis*, *Solanum lycopersicum*, *Malus domestica*, *M. indica*, *Persea americana* and *Prunus avium*), *Pseudococcus jackbeardsleyi* (*Cucurbita* sp. and *Solanum tuberosum*), *Tribolium confusum* (*Triticum aestivum*, *Hordeum vulgare* and *Zea mays*), *Cydia pomonella* (*M. pumila* and artificial diet) and *Grapholita molesta* (*M. pumila* and artificial diet) (Bustos *et al*., 2004; Gould and von Windeguth, 1991; Hallman, 2004a, 2004b, 2013; Hallman and Martinez, 2001; Hallman *et al*., 2010; Jessup *et al*., 1992; Mansour, 2003; Tuncbilek and Kansu, 1966; von Windeguth, 1986; von Windeguth and Ismail, 1987; Zhan *et al*., 2016). It is recognized, however, that treatment efficacy has not been tested for all potential fruit and vegetable hosts of the target pest. If evidence becomes available to show that the extrapolation of the treatment to cover all hosts of this pest is incorrect, the treatment will be reviewed.		
32	44	Extrapolation of treatment efficacy to all fruits and vegetables was based on knowledge and experience that radiation dosimetry systems measure the actual radiation dose absorbed by the target pest independent of host commodity, and evidence from research studies on a variety of pests and commodities. These include studies on the following pests and hosts: *Anastrepha fraterculus* (*Eugenia uvalha*, *Malus ~~pumila,~~ pumila* and *Mangifera indica*); *A. ludens* (*Citrus paradisi*, *Citrus sinensis*, ~~and~~ *M. indica* and artificial diet), *A. obliqua* (*Averrhoa carambola*, *C. sinensis*~~, and~~ and *Psidium guajaba*); *A. suspensa* (*A. carambola*, *C. paradisi* and *M. indica*), *Bactrocera tryoni* (*C. sinensis*, *Solanum lycopersicum*, *Malus domestica*, *M. indica*, *Persea americana* and *Prunus avium*), *Pseudococcus jackbeardsleyi* (*Cucurbita* sp. and *Solanum tuberosum*), *Tribolium confusum* (*Triticum aestivum*, *Hordeum vulgare* and *Zea mays*), *Cydia pomonella* (*M. pumila* and artificial diet) and *Grapholita molesta* (*M. pumila* and artificial diet) (Bustos *et al*., 2004; Gould and von Windeguth, 1991; Hallman, 2004a, 2004b, 2013; Hallman and Martinez, 2001; Hallman *et al*., 2010; Jessup *et al*., 1992; Mansour, 2003; Tuncbilek and Kansu, 1966; von Windeguth, 1986; von Windeguth and Ismail, 1987; Zhan *et al*., 2016). It is recognized, however, that treatment efficacy has not been tested for all potential fruit and vegetable hosts of the target pest. If evidence becomes available to show that the extrapolation of the	P	*Category : EDITORIAL* **(13) EPPO (15 Sep 2020 1:29 PM)** 1) A comma to be deleted. 2) An "and" to be deleted. 3) Another comma to be deleted.

		treatment to cover all hosts of this pest is incorrect, the treatment will be reviewed.		
33	52	**Hallman, G.J., Levang-Brilz, N.M., Zettler, J.L. & Winborne, I.C.** 2010. Factors affecting ionizing radiation phytosanitary treatments, and implications for research and generic treatments. *Journal of Economic Entomology*, 103: ~~1950–1963~~1950–1963.	P	*Category : EDITORIAL* **(34) European Union (29 Sep 2020 5:12 PM)** Typo.
34	52	**Hallman, G.J., Levang-Brilz, N.M., Zettler, J.L. & Winborne, I.C.** 2010. Factors affecting ionizing radiation phytosanitary treatments, and implications for research and generic treatments. *Journal of Economic Entomology*, 103: ~~1950–1963~~1950–1963.	P	*Category : EDITORIAL* **(14) EPPO (15 Sep 2020 1:29 PM)** Typo.
35	55	**Li, B., Gao, M., Liu, B., Li, T., Wang, Y. & Zhan, G.** 2016. Effects of irradiation of each of the five peach fruit moth (Lepidoptera: Carposinidae) instars on 5th instar weight, larval mortality and cumulative developmental time: A preliminary investigation. *Florida Entomologist*, 99 (Special issue 2): ~~62–66~~62–66.	P	*Category : EDITORIAL* **(35) European Union (29 Sep 2020 5:13 PM)** Typo.
36	55	**Li, B., Gao, M., Liu, B., Li, T., Wang, Y. & Zhan, G.** 2016. Effects of irradiation of each of the five peach fruit moth (Lepidoptera: Carposinidae) instars on 5th instar weight, larval mortality and cumulative developmental time: A preliminary investigation. *Florida Entomologist*, 99 (Special issue 2): ~~62–66~~62–66.	P	*Category : EDITORIAL* **(15) EPPO (15 Sep 2020 1:29 PM)** Typo.
37	57	**Tuncbilek, A.S. & Kansu, I.A.** 1966. The influence of rearing medium on the irradiation sensitivity of eggs and larvae of the flour beetle, *Tribolium confusum* J. du Val. *Journal of Stored Products Research*, 32: ~~1–6~~1–6.	P	*Category : EDITORIAL* **(36) European Union (29 Sep 2020 5:13 PM)** Typo.
38	57	**Tuncbilek, A.S. & Kansu, I.A.** 1966. The influence of rearing medium on the irradiation sensitivity of eggs and larvae of the flour beetle, *Tribolium confusum* J. du Val. *Journal of Stored Products Research*, 32: ~~1–6~~1–6.	P	*Category : EDITORIAL* **(16) EPPO (15 Sep 2020 1:29 PM)** Typo.
39	61	**Zhan, G.P., Shao, Y., Yu, Q., Xu, L., Liu, B., Wang, Y.J. & Wang, Q.L.** 2016.	P	*Category : EDITORIAL* **(17) EPPO (15 Sep 2020 1:29 PM)** Typo.