



2020 FIRST CONSULTATION

1 July – 30 September 2020

Compiled comments for Draft PT: Cold treatment for *Bactrocera zonata* on *Citrus sinensis* (2017-013)

Summary

Name	Summary	SC Response
Cuba	No hay comentarios al documento propuesto.	NOTED
European Union	The comments have been introduced by the European Commission on behalf of the European Union and its Member States.	NOTED
Myanmar	Agree with the document	NOTED
OIRSA	Revisión Completa	NOTED
Viet Nam	Viet Nam would like to support agreement with this draft	NOTED

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

FAO sequential number	Para	Text	T	Comment	SC Response
1	G	(General Comment)	C	Guyana Guyana has no reservation regarding the draft document at this point. <i>Category : SUBSTANTIVE</i>	NOTED
2	G	(General Comment)	C	Australia Australia has reviewed this phytosanitary treatment and is supportive of this treatment and the respective text. <i>Category : TECHNICAL</i>	NOTED
3	G	(General Comment)	C	Costa Rica I agree with the draft No comment. <i>Category : SUBSTANTIVE</i>	NOTED
4	G	(General Comment)	C	Paraguay Paraguay agrees with Cosave's comments <i>Category : TECHNICAL</i>	NOTED
5	G	(General Comment)	C	Argentina We have no comments on this phytosanitary treatment. <i>Category : SUBSTANTIVE</i>	NOTED
6	G	(General Comment)	C	Slovenia Slovenia would like to formally endorse the EPPO comments submitted via the IPPC Online Comment System. <i>Category : TECHNICAL</i>	See Response to Comment No. 28, 31, 34 (EPPO)

7	G	(General Comment)	C	OIRSA Sin comentarios trascendentales para este documento. <i>Category : SUBSTANTIVE</i>	NOTED
8	G	(General Comment)	C	Barbados Barbados has no changes to make to this draft. <i>Category : SUBSTANTIVE</i>	NOTED
9	G	(General Comment)	C	PPPO It would be useful to provide a standard treatment that applies to multiple fruit fly species for Citrus in areas where B. zonata are known to occur. Some of the reasons for this suggestion are: Countries exporting citrus that are known to have B. zonata may also have other fruit fly citrus pests. e.g., C capitata. Border inspection may detect larvae and not possible to identify to species level. By developing a standard treatment for multiple citrus fruit fly species could mitigate the risk of having to treat twice if 2 species were found in one consignment or if C. capitata was detected instead of B. zonata. <i>Category : SUBSTANTIVE</i>	CONSIDERED BUT NOT INCORPORATED For example, in areas where two species of fruit flies, C. capitata and B. zonata, are occurring, we think that it can be covered by applying the stricter PTs (or combination lower temperature and longer duration).
10	G	(General Comment)	C	Mexico I support the document as it is and I have no comments <i>Category : SUBSTANTIVE</i>	NOTED
11	G	(General Comment)	C	Myanmar Agree with the document <i>Category : TECHNICAL</i>	NOTED
12	G	(General Comment)	C	Uruguay We agree with the document as it is. <i>Category : TECHNICAL</i>	NOTED
13	G	(General Comment)	C	Qatar We don't have any comment <i>Category : SUBSTANTIVE</i>	NOTED
14	G	(General Comment)	C	United States of America The United States supports this treatment <i>Category : SUBSTANTIVE</i>	NOTED
15	G	(General Comment)	C	Thailand Thailand has no objection on the proposed draft Cold treatment for Bactrocera zonata on Citrus sinensis. <i>Category : SUBSTANTIVE</i>	NOTED
16	G	(General Comment)	C	Malawi We agree with draft annex <i>Category : SUBSTANTIVE</i>	NOTED
17	G	(General Comment)	C	Venezuela 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	NOTED

			Category : TECHNICAL		
DRAFT ANNEX TO ISPM 28: Cold treatment for Bactrocera zonata on Citrus sinensis (2017-013)					
18	1	DRAFT ANNEX TO ISPM 28: COLD TREATMENT FOR BACTROCERA ZONATA ON CITRUS SINENSIS (2017-013)	C	Nepal We don't have any comments on this document Category : EDITORIAL	NOTED
19	1	DRAFT ANNEX TO ISPM 28: COLD TREATMENT FOR BACTROCERA ZONATA ON CITRUS SINENSIS (2017-013)	C	Viet Nam Viet Nam would like to support agreement with this draft Category : SUBSTANTIVE	NOTED
20	23	This treatment describes the cold treatment of fruit of <i>Citrus sinensis</i> ¹ to result <u>resulting</u> in the mortality of eggs and larvae of <i>Bactrocera zonata</i> at the stated efficacy ² .	P	Botswana Category : EDITORIAL	CONSIDERED BUT NOT INCORPORATED To be consistent with the adopted cold treatment PTs.
Treatment schedule					
21	35	The fruit must reach the treatment temperature before treatment exposure time commences. The fruit <u>core</u> temperature should be monitored and recorded, and the temperature should not exceed the stated level throughout the duration of the treatment.	P	Japan As defined in section 4.2 of ISPM 42, the fruit core temperature should be monitored during cold treatment, so add "core" to clarify the monitoring point. In addition, it is mentioned that "thermocouples was placed in the center of noninfested oranges" according to Hallman et al., (2013a). Category : TECHNICAL	INCORPORATED Revised the draft PT.
22	35	The fruit must reach the treatment temperature before treatment exposure time commences. The fruit temperature should be monitored and recorded, and the temperature should not exceed the stated level throughout the duration of the treatment.	C	Botswana agree Category : SUBSTANTIVE	NOTED
23	35	The fruit must reach the treatment temperature before treatment exposure time commences. The fruit temperature should be monitored and recorded, and the temperature should not exceed the stated level throughout the duration of the treatment.	C	Egypt identifying a real-time measurement intervals will enrich the document technically! Category : TECHNICAL	CONSIDERED BUT NOT INCORPORATED The temperature measurement interval can be accommodated by a bilateral agreement.
24	35	The fruit must reach the treatment temperature before treatment exposure time commences. The fruit temperature should be monitored and recorded <u>recorded (according to Hallman et al 2013 paper: Temperatures inside the chamber were measured and</u>	P	Egypt Category : TECHNICAL	CONSIDERED BUT NOT INCORPORATED Bilateral agreements can be used to determine where the fruit core temperature is measured, the temperature recording interval, and what to do if the temperature exceeds the stated level.

		recorded every 10 min), and the temperature should not exceed the stated level throughout the duration of the treatment treatment otherwise, the process should be restarted from the beginning.			
Other relevant information					
25	40	This schedule was based on the work of Hallman <i>et al.</i> (2013a, b), Hashem <i>et al.</i> (2004) and Mohamed and El-Wakkad (2009). <u>The schedule was developed using cultivars "XXXX".</u>	P	Japan It should include the cultivars which was used for the development of treatment schedule as reference information. The adopted PTs of temperature treatment have information on cultivars which was used for the development of treatment schedule. <i>Category : TECHNICAL</i>	MODIFIED Confirmed the orange cultivars used in Hallman et al. (2013a) and revised the draft PT.
26	40	This schedule was based on the work of Hallman <i>et al.</i> (2013a, b), Hashem <i>et al.</i> (2004) and Mohamed and El-Wakkad (2009).	C	Botswana agree <i>Category : SUBSTANTIVE</i>	NOTED
References					
27	44	Hallman, G.J., Myers, S.W., Taret, G., Fontenot, E.A. & Vreysen, M.J.B. 2013a. Phytosanitary cold treatment for oranges infested with <i>Bactrocera zoantazonata</i> (Diptera: Tephritidae). <i>Journal of Economic Entomology</i> , 106: 2336-2340 2336–2340.	P	European Union Two typos. <i>Category : EDITORIAL</i>	INCORPORATED Revised the draft PT.
28	44	Hallman, G.J., Myers, S.W., Taret, G., Fontenot, E.A. & Vreysen, M.J.B. 2013a. Phytosanitary cold treatment for oranges infested with <i>Bactrocera zoantazonata</i> (Diptera: Tephritidae). <i>Journal of Economic Entomology</i> , 106: 2336-2340 2336–2340.	P	EPPO Two typos. <i>Category : EDITORIAL</i>	INCORPORATED Revised the draft PT.
29	46	Hashem, A.G., Soliman, N.A. & Soliman, A. M. 2004. Effect of low temperatures on eggs and larvae of Mediterranean fruit fly and peach fruit fly inside fruits as a quarantine procedure. <i>Annals of Agricultural Science Moshtohor Journal</i> , 42: 345–356.	P	European Union The word "fly" is missing twice. <i>Category : EDITORIAL</i>	INCORPORATED Revised the draft PT.
30	46	<u>Hashem, A.G., Soliman, N.A. & Soliman, A. M. 2004. Effect of low temperatures on</u>	P	China Reference literature is written mistakenly <i>Category : EDITORIAL</i>	INCORPORATED Revised the draft PT.

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31	46	Hashem, A.G., Soliman, N.A. & Soliman, A. M. 2004. Effect of low temperatures on eggs and larvae of Mediterranean fruit fly and peach fruit fly inside fruits as a quarantine procedure. <i>Annals of Agricultural Science Moshtohor Journal</i> , 42: 345–356.	P	EPPO The word "fly" is missing twice. Category : EDITORIAL	INCORPORATED Revised the draft PT.
32	47	Mohamed, S.M.A. & El-Wakkad, M.F. 2009. Cold storage as disinfestation treatment against the peach fruitfruit fly, <i>Bactrocera zonata</i> (Saunders), (Diptera: Tephritidae) on Valencia orange. <i>Egyptian Journal of Applied Sciences</i> , 24: 290–301.	P	European Union The word "fly" is missing. Category : EDITORIAL	INCORPORATED Revised the draft PT.
33	47	Mohamed, S.M.A. & El-Wakkad, M.F. 2009. Cold storage as disinfestation treatment against the peach fruitfruit fly, <i>Bactrocera zonata</i> (Saunders), (Saunders) (Diptera: Tephritidae) Tephritidae), on Valencia orange. <i>Egyptian Journal of Applied Sciences</i> , 24: 290–301.	P	China Reference literature is written mistakenly. Category : EDITORIAL	MODIFIED Confirmed the title of the publication (Mohamed & El-Wakkad 2009) and revised the draft PT.
34	47	Mohamed, S.M.A. & El-Wakkad, M.F. 2009. Cold storage as disinfestation treatment against the peach fruitfruit fly, <i>Bactrocera zonata</i> (Saunders), (Diptera: Tephritidae) on Valencia orange. <i>Egyptian Journal of Applied Sciences</i> , 24: 290–301.	P	EPPO The word "fly" is missing. Category : EDITORIAL	INCORPORATED Revised the draft PT.