

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 |
|----------------|---|
| 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 |
| Viet Nam | Viet Nam would like to support agreement with this draft |

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 reservation regarding the draft document at this point. <i>Category : SUBSTANTIVE</i> |
| 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> |
| 3 | G | (General Comment) | C | Costa Rica I agree with the draft No comment. <i>Category : SUBSTANTIVE</i> |
| 4 | G | (General Comment) | C | Paraguay Paraguay agrees with Cosave's comments <i>Category : TECHNICAL</i> |
| 5 | G | (General Comment) | C | Argentina We have no comments on this phytosanitary treatment. <i>Category : SUBSTANTIVE</i> |
| 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> |
| 7 | G | (General Comment) | C | OIRSA Sin comentarios trascendentales para este documento. <i>Category : SUBSTANTIVE</i> |
| 8 | G | (General Comment) | C | Barbados Barbados has no changes to make to this draft. <i>Category : SUBSTANTIVE</i> |

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| 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 <i>B. zonata</i> are known to occur. Some of the reasons for this suggestion are: Countries exporting citrus that are known to have <i>B. zonata</i> may also have other fruit fly citrus pests. e.g., <i>C. capitata</i> . 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 <i>C. capitata</i> was detected instead of <i>B. zonata</i> . <i>Category : SUBSTANTIVE</i> |
| 10 | G | (General Comment) | C | Mexico I support the document as it is and I have no comments <i>Category : SUBSTANTIVE</i> |
| 11 | G | (General Comment) | C | Myanmar Agree with the document <i>Category : TECHNICAL</i> |
| 12 | G | (General Comment) | C | Uruguay We agree with the document as it is. <i>Category : TECHNICAL</i> |
| 13 | G | (General Comment) | C | Qatar We don't have any comment <i>Category : SUBSTANTIVE</i> |
| 14 | G | (General Comment) | C | United States of America The United States supports this treatment <i>Category : SUBSTANTIVE</i> |
| 15 | G | (General Comment) | C | Thailand Thailand has no objection on the proposed draft Cold treatment for <i>Bactrocera zonata</i> on <i>Citrus sinensis</i> . <i>Category : SUBSTANTIVE</i> |
| 16 | G | (General Comment) | C | Malawi We agree with draft annex <i>Category : SUBSTANTIVE</i> |
| 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 <i>Category : TECHNICAL</i> |
| DRAFT ANNEX TO ISPM 28: Cold treatment for <i>Bactrocera zonata</i> on <i>Citrus sinensis</i> (2017-013) | | | | |
| 18 | 1 | DRAFT ANNEX TO ISPM 28: COLD TREATMENT FOR <i>BACTROCERA ZONATA</i> ON <i>CITRUS SINENSIS</i> (2017-013) | C | Nepal We don't have any comments on this document <i>Category : EDITORIAL</i> |
| 19 | 1 | DRAFT ANNEX TO ISPM 28: COLD TREATMENT FOR <i>BACTROCERA ZONATA</i> ON <i>CITRUS SINENSIS</i> (2017-013) | C | Viet Nam Viet Nam would like to support agreement with this draft <i>Category : SUBSTANTIVE</i> |

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| 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 <i>Category : EDITORIAL</i> |
| 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). <i>Category : TECHNICAL</i> |
| 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 <i>Category : SUBSTANTIVE</i> |
| 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! <i>Category : TECHNICAL</i> |
| 24 | 35 | The fruit must reach the treatment temperature before treatment exposure time commences. The fruit | P | Egypt <i>Category : TECHNICAL</i> |

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| | | temperature should be monitored and recorded <u>recorded (according to Hallman et al 2013 paper: Temperatures inside the chamber were measured and recorded every 10 min)</u> , and the temperature should not exceed the stated level throughout the duration of the treatment <u>treatment otherwise, the process should be restarted from the beginning.</u> | | |
| 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> |
| 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> |
| 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</i> <i>oantazonata</i> <i>zonata</i> (Diptera: Tephritidae). <i>Journal of Economic Entomology</i> , 106: 2336-2340 <u>2336-2340</u> . | P | European Union Two typos. <i>Category : EDITORIAL</i> |
| 28 | 44 | Hallman, G.J., Myers, S.W., Taret, G., Fontenot, E.A. & | P | EPPO Two typos. |

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| | | Vreysen, M.J.B. 2013a. Phytosanitary cold treatment for oranges infested with <i>Bactrocera poantazonata</i> (Diptera: Tephritidae). <i>Journal of Economic Entomology</i> , 106: 2336-2340 2336-2340 . | | <i>Category : EDITORIAL</i> |
| 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> |
| 30 | 46 | Hashem, A.G., Soliman, N.A. & Soliman, A. M. 2004. Effect of low temperatures on eggs and larvae of Mediterranean fruit and peach fruit inside fruits as a quarantine procedure. <i>Annals of Agricultural Science Moshtohor Journal</i>, 42: 345–356. 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</i> , 42(1): 345–356. | P | China Reference literature is written mistakenly <i>Category : EDITORIAL</i> |
| 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. <i>Category : EDITORIAL</i> |

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| 32 | 47 | Mohamed, S.M.A. & El-Wakkad, M.F. 2009. Cold storage as disinfestation treatment against the peach fruit fruit 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 |
| 33 | 47 | Mohamed, S.M.A. & El-Wakkad, M.F. 2009. Cold storage as disinfestation treatment against the peach fruit fruit 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 |
| 34 | 47 | Mohamed, S.M.A. & El-Wakkad, M.F. 2009. Cold storage as disinfestation treatment against the peach fruit fruit 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 |