2021 SECOND CONSULTATION

*1 July – 30 September 2021*

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

Summary

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| Name | Summary |
| EPPO Σ | A comment 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 National Plant Protection Organization of South Africa is in agreement with this standards. |
| Venezuela | No tenemos opinión alguna sobre la norma. |

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

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| FAO sequential number | Para | Text | T | Comment |
| 1 | G | (General Comment) | C | **Guyana** Guyana has no objection at this time.  *Category : SUBSTANTIVE* |
| 2 | G | (General Comment) | C | **Costa Rica** No comment  *Category : SUBSTANTIVE* |
| 3 | G | (General Comment) | C | **Nepal** Nepal has no comments on the DRAFT ANNEX TO ISPM 28: Cold treatment for Bactrocera zonata on Citrus sinensis  *Category : EDITORIAL* |
| 4 | G | (General Comment) | C | **Mexico** I support the document as it is and I have no comments  *Category : SUBSTANTIVE* |
| 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  *Category : SUBSTANTIVE* |
| 6 | G | (General Comment) | C | **Canada** Canada supports the draft Annex to ISPM 28  *Category : SUBSTANTIVE* |
| 7 | G | (General Comment) | C | **Malawi** We support draft annex to ISPM 28: Cold treatment for Bactrocera zonata on citrus sinensis (2017-013)  *Category : SUBSTANTIVE* |
| 8 | G | (General Comment) | C | **Barbados** Barbados agrees with the proposal.  *Category : SUBSTANTIVE* |
| 9 | G | (General Comment) | C | **United States of America** We supports this treatment and have no further comments.  *Category : SUBSTANTIVE* |
| 10 | G | (General Comment) | C | **Thailand** Thailand has no objection on the Draft PT: Cold treatment for Bactrocera zonata on Citrus sinensis.  *Category : SUBSTANTIVE* |
| 11 | 1 | **DRAFT ANNEX TO ISPM 28: Cold treatment for *Bactrocera zonata* on *Citrus* *sinensis* (2017-013)** | C | **Uruguay** We agree with the document as it is, no comments  *Category : TECHNICAL* |
| Treatment description | | | | |
| 12 | 35 | **Target regulated articles** Fruit of *Citrus sinensis* | C | **South Africa** [7] Stage and condition of Citrus sinensis considered as host of B. zonata  *Category : TECHNICAL* |
| Treatment schedule | | | | |
| 13 | 37 | Fruit core temperature to be kept at 1.7 °C or below for 18 continuous days. | P | **Australia** Additional text clarifying that it is the fruits core that must be kept at 1.7 degrees and not the fruit surface, ambient air or container temperature.  *Category : EDITORIAL* |
| 14 | 38 | There is 95% confidence that the treatment according to this schedule kills not less than 99.~~9916%~~ 9919% of eggs and larvae of *Bactrocera zonata*. | P | **China** According to the research reported by Hallman et al. 2013. In the 18-d confirmatory tests, 36,820 B. zonata larvae were treated in 1,208 navel oranges over 37 replicates. And the processing efficiency of the verification test is 99.9919% with a 95% confidence level.  *Category : SUBSTANTIVE* |
| Other relevant information | | | | |
| 15 | 43 | The efficacy of this schedule was calculated based on 35 733 third-instar larvae treated with no survivors. This number is based on 36 820 larvae, corrected per replicate for control mortality; the average control mortality was 2.06%. | C | **Colombia** It is not clear when it is said that there is a mortality of 35.733 that would be 100%, when the base number is 36.820. There is a difference of 1,087 individuals, which corresponds to 2.95% (It would be understood as natural mortality)  *Category : SUBSTANTIVE* |
| 16 | 43 | The efficacy of this schedule was calculated based on 35 733 third-instar larvae treated with no survivors. This number is based on 36 820 larvae, corrected per replicate for control mortality; the average control mortality was ~~2~~1.~~06%~~67%. | P | **China** According to the research reported by Hallman et al. 2013. The mortality in the untreated control in the large-scale 18-d confirmatory tests with B. zonata was 1.67%.  *Category : SUBSTANTIVE* |
| References | | | | |
| 17 | 46 | 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 42. 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.  *Category : EDITORIAL* |
| 18 | 46 | 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.  *Category : EDITORIAL* |
| 19 | 51 | **Mohamed, S.M.A. & El-Wakkad, M.F.** 2009. Cold storage as disinfestation treatment against the peach fruit fly, *Bactrocera* *zonata* (Saunders), (Diptera: Tephritidae) on Valencia orange. *Egyptian Journal of Applied Sciences*, 24: 290–301. | C | **South Africa** Mohammed E. E. Mahmoud & Samira Abuelgasim Mohamed & Shepard Ndlela & Abdelmutalab G. A. Azrag & Fathiya M. Khamis & Mohamed A. E. Bashir & Sunday Ekesi. 2020.Distribution, relative abundance, and level of infestation of the invasive peach fruit fly Bactrocera zonata (Saunders) (Diptera: Tephritidae) and its associated natural enemies in Sudan Phytoparasitica (2020) 48:589–605  *Category : EDITORIAL* |