



SPECIFICATION 39

Suppression and eradication procedures for fruit flies (Tephritidae)

(2006)

Title

Suppression and eradication procedures for fruit flies (Tephritidae) (2005-010).

Reason for the standard/support document

One of the tasks of the Technical panel on pest free areas and systems approaches for fruit flies (TPFF) is to develop International Standards for Phytosanitary Measures (ISPMs) on fruit fly pest free areas (FF-PFA), fruit fly areas of low pest prevalence (FF-ALPP), fruit fly free places of production (FFF-POP), fruit fly free production sites (FFF-PS) and fruit fly systems approaches (FF-SA). Fruit fly suppression and eradication is a critical element in the establishment, verification and maintenance of fruit fly low prevalence areas, free areas, free places of production and free production sites. Thus a guideline containing fruit fly suppression and eradication procedures is required as a support document for these ISPMs.

Scope and purpose

This standard will provide specific guidance on the technical procedures required to effectively suppress and eradicate fruit fly populations.

Tasks

The expert drafting group should:

- (1) Consider existing relevant ISPMs and ensure consistency with other ISPMs and draft ISPMs, in particular the draft ISPM on FF-PFA, and ISPMs under development, in particular FF-ALPP and FF-SA.
- (2) Consult all relevant technical and scientific literature on suppression and eradication procedures manuals available in the main operational programmes worldwide.
- (3) Draft a comprehensive suppression and eradication procedures guideline that includes the following aspects:
 - a) suppression and eradication objectives
 - b) suppression and eradication applications
 - c) materials and equipment available for suppression and eradication including biocontrol agents (parasites, predators, sterile insects), baits, insecticides, pheromones, sprayers, vehicles, aircraft, etc.

- d) description of suppression and eradication procedures
 - e) description of procedures for suppression of populations which have exceeded the set level of fruit fly low prevalence and eradication of outbreaks in fruit fly free areas (i.e. corrective action plan)
 - f) quality control of materials used for suppression and eradication and good operational procedures, including minimal impact on environment
 - g) target fruit fly species addressed
 - h) documentation, record keeping and data management including harmonized data collection sheets
 - i) verification procedures
- (4) Consider whether the standard could affect in a specific way (positively or negatively) the protection of biodiversity and the environment. If this is the case, the impact should be identified, addressed and clarified in the draft standard.
- (5) Consider implementation of the standard by contracting parties and identify potential operational and technical implementation issues. Provide information and possible recommendations on these issues to the SC.

Provision of resources

Funding for the meeting may be provided from sources other than the regular programme of the IPPC (FAO). As recommended by ICPM-2 (1999), whenever possible, those participating in standard setting activities voluntarily fund their travel and subsistence to attend meetings. Participants may request financial assistance, with the understanding that resources are limited and the priority for financial assistance is given to developing country participants.

Collaborator

To be determined.

Steward

Please refer to the list of topics for IPPC standards posted on the IPP (see <https://www.ippc.int/index.php?id=207776>).

Expertise

A group of five to six experts in fruit fly suppression and eradication techniques with experience in a number of fruit fly species of economic importance in several regions and having familiarity with CPM standard setting procedures and relevant ISPMs.

Participants

Technical Panel on Fruit Flies (TPFF).

References

The IPPC, relevant ISPMs and other national, regional and international standards and agreements as may be applicable to the tasks, and discussion papers submitted in relation to this work.

FAO and IAEA Guideline on Packing, Shipping and Release of Sterile Flies

Discussion papers

Participants and interested parties are encouraged to submit discussion papers to the IPPC Secretariat (ippc@fao.org) for consideration by the expert drafting group.

Publication history

This is not an official part of the specification

2006-04 CPM-1 added topic Phytosanitary procedures for fruit fly (Tephritidae) management (2005-010)

2006-11 SC approved specification

2011-11 reformatted

2011-12 applied consistency changes in line with the decision made by SC May 2009

2012-11 SC replaced task regarding implementation issues

Specification 39. 2006. *Suppression and eradication procedures for fruit flies* (Tephritidae), Rome, IPPC, FAO.

Publication history last modified: January 2013