



SPECIFICATION 62

Requirements for the use of phytosanitary treatments as phytosanitary measures

(approved 2015)

Title

Requirements for the use of phytosanitary treatments as phytosanitary measures

Note that this specification covers five topics, which will result in five distinct ISPMs:

- *Requirements for the use of fumigation treatments as a phytosanitary measure* (2014-004), priority 1
- *Requirements for the use of temperature treatments as a phytosanitary measure* (2014-005), priority 1
- *Requirements for the use of modified atmosphere treatments as a phytosanitary measure* (2014-006), priority 2
- *Requirements for the use of irradiation treatments as a phytosanitary measure* (revision to ISPM 18 (*Guidelines for the use of irradiation as a phytosanitary measure*)) (2014-007), priority 2
- *Requirements for the use of chemical treatments as a phytosanitary measure* (2014-003), priority 3.

Reason for the standard

There are many treatments used in international trade and calls for the submission of treatment data are made on a regular basis by the IPPC Secretariat. In response to the 2013 Call for Topics, proposals were submitted for the development of requirements for the use of five types of treatments: fumigation, temperature, modified atmosphere, irradiation and chemical. Similarly to the guidelines provided in ISPM 18, an ISPM providing guidance on the five types of treatments identified above will enhance harmonization of the use of such treatments by national plant protection organizations (NPPOs) and help secure common and effective actions to prevent the spread and introduction of pests.

Harmonizing the use of phytosanitary treatments internationally will contribute to managing pest risk in international trade, by ensuring treatments are applied effectively and consequently reduce the economic impacts, and ensure treatments do not exceed what is minimally necessary. Harmonising the

appropriate use of phytosanitary treatments will help to identify alternatives to treatments that have significant unwanted environmental impacts, such as methyl bromide fumigation.

ISPMs that provide requirements on these types of phytosanitary treatments will help contribute to secure common and effective actions to prevent the spread and introduction of pests, and promote the consistent use of treatments for their control.

Purpose

The five ISPMs will provide technical guidance for the use of the following types of phytosanitary treatments as phytosanitary measures: fumigation, temperature, modified atmosphere, irradiation and chemical. The ISPMs will encourage consistency by providing information concerning the technical and operational aspects of using these treatments. The specific treatment standard should not modify ISPM 28 (*Phytosanitary treatments for regulated pests*) on requirements for evaluation and development of phytosanitary treatments. It may provide research protocols for the specific treatment.

Scope

The ISPMs for the phytosanitary treatments will provide specific guidance on dosage, duration, commodity tolerance to the treatment, type of equipment, verification and other aspects deemed essential for the application of the treatment in accordance with ISPM 28.

Tasks

For each type of treatment (fumigation, temperature, modified atmosphere, irradiation and chemical) a distinct draft standard will be developed. The drafting group should undertake the following tasks for each standard:

- (1) propose the scope, purpose, principles and general format, taking into account the requirements of ISPM 28 and the relevant sections of ISPM 18
- (2) review adopted ISPMs and other technical information available on the application of each type of treatment
- (3) formulate ISPMs that provide guidance on the use of each type of treatment and verification of operational information, which may be specific to a type of treatment
- (4) consider including appendices containing specific research protocols
- (5) consider whether the ISPMs 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 each draft ISPM.
- (6) consider implementation of the ISPMs by contracting parties and identify potential operational and technical implementation issues, and also provide information and possible recommendations on these issues to the Standards Committee

Provision of resources

Funding for the meetings 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/core-activities/standards-setting/list-topics-ippc-standards>).

Expertise

The ISPMs should be developed by the Technical Panel on Phytosanitary Treatments (TPPT) with expertise as outlined by Specification TP 3 for the TPPT, including invited experts, if appropriate, with knowledge in the following types of treatment: fumigation, temperature, modified atmosphere, irradiation or chemical. Preferably, two experts with practical expertise on the particular type of treatment should be part of the drafting group for each ISPM. Regulatory expertise will also be desirable.

Participants

TPPT and other experts if deemed necessary.

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, such as:

- ISPM 28 (*Phytosanitary treatments for regulated pests*)
- ISPM 18 (*Guidelines for the use of irradiation as a phytosanitary measure*)
- chemical treatment manuals available from various international sources (e.g. United States Department of Agriculture (USDA) Treatment Manual, USDA Pest Programme, USDA Emergency Response guidelines, and treatment manuals from the Republic of Korea, Indonesia and other countries)
- TPPT meeting reports and treatment evaluation guidance material.

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

2014-05 IPPC Secretariat, supported by TPPT, developed this generic specification (2014-008) for the development of five standards; SC agreed to this approach

2014-08 SC approved revised draft for MC by e-decision
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2014-12 Draft to MC

2015-03 TPPT Steward revised draft after MC

2015-02 To 2015 SC May for approval

2015-05 SC May approved draft specification

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