

# Phytosanitary Systems



### **Key Facts**

Strengthening phytosanitary capacities ensures safe agricultural trade and food security for all.

one section.

- Harmonized phytosanitary standards mitigate the risk of invasive pest introduction and spread.
- Effective surveillance and early detection systems are crucial for rapid response to pest outbreaks.
- Promoting integrated pest management practices reduces reliance on harmful chemical pesticides.

The essential components of a Phytosanitary System are identified below and each component page brings together all of the relevant technical resources to help National Plant Protection Organization (NPPO) staff, understand and access information related to a subject. Relevant technical resources include: International Standards for Phytosanitary Measures (ISPMs), CPM Recommendations, IPPC Guides and training materials as well as Contributed resources.

**Contribution to** the Sustainable

Images can be illustrations and, or, photographs.

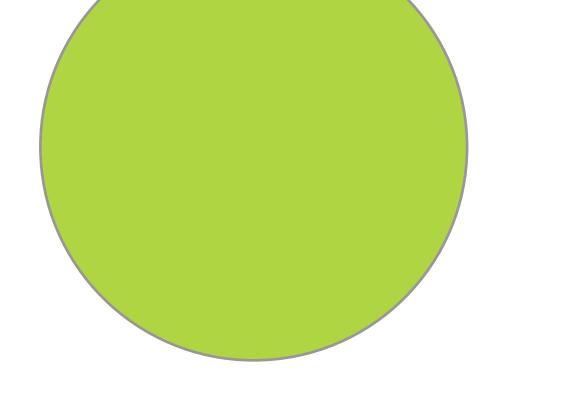
Circle-shaped images to symbolize life and cycles in Phytosanitary Systems pages.

This page has been developed in cooperation with members of the Implementation and Capacity Development Committee (IC).

# **Development Goals**

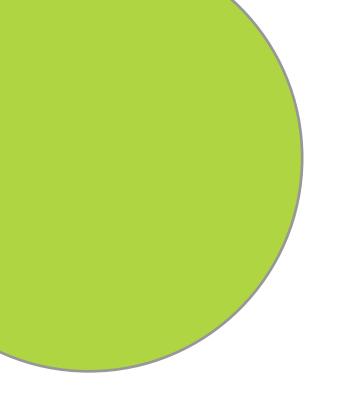


# **Phytosanitary System Subjects**



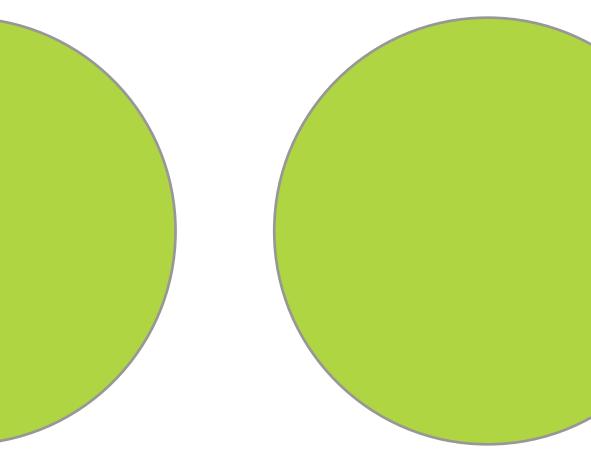
**Eradication**: Application of phytosanitary measures to eliminate a pest from an area.

Phytosanitary certification: Procedures for the issuing of phytosanitary certificates.

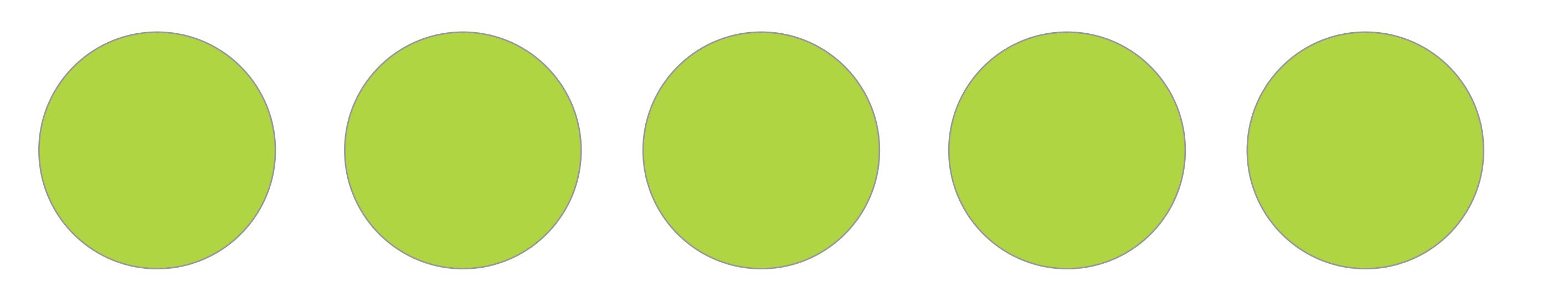


**NPPOs:** 

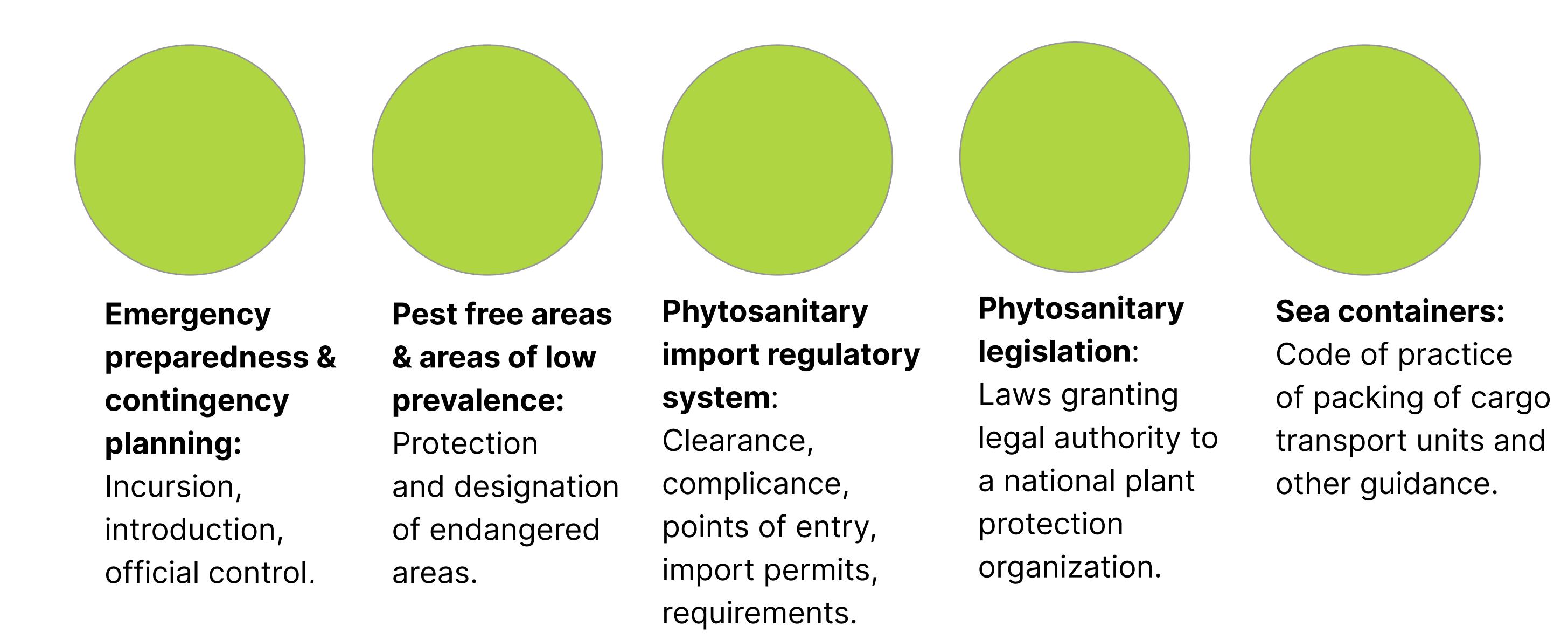
Inspection: Examination of Establishment plants, plant and operation products to of National Plant determine pest Protection Organizations. presence.

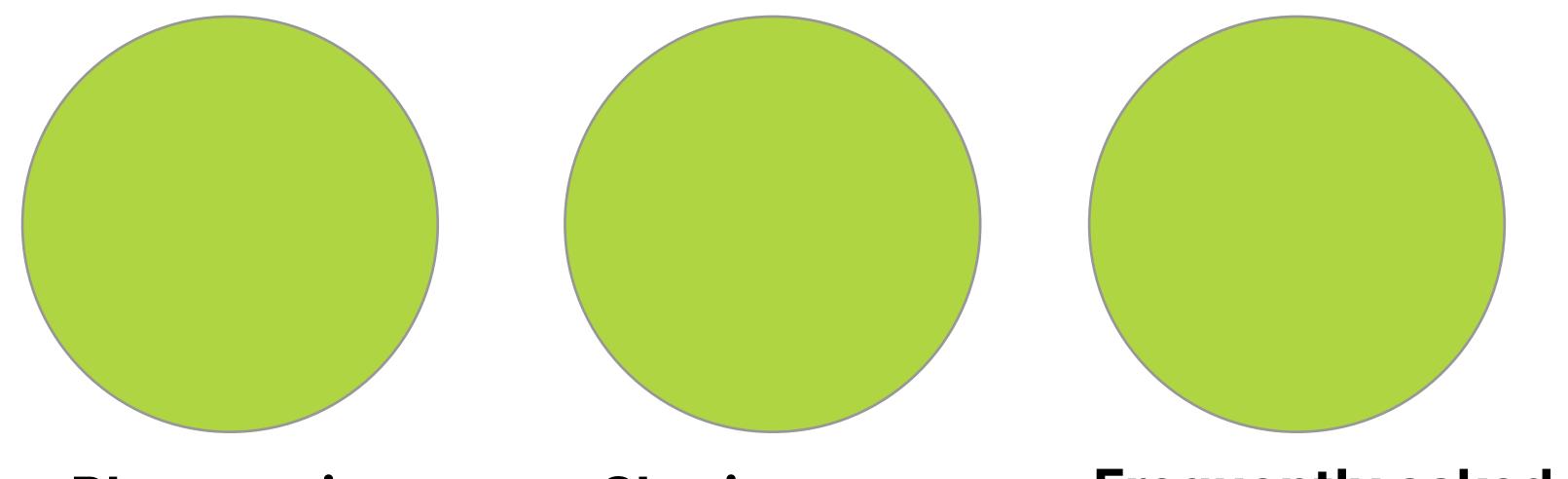


**Surveillance**: Data collection on pest presence or absence with surveys and monitoring.



<b>Pest reporting</b> :	<b>ISPM 15:</b>	Pest risk analysis:	Phytosanitary	<b>Diagnostics</b> :
Official pest	Regulation	Evaluating	treatments:	Process of
reports, bulletins,	of wood	biological,	Pest removal	detection and
and summaries	packaging	scientific, and	or devitalization	identification
on pest status.	material in trade.	economic evidence.	procedures.	of a pest.





**Phytosanitary** 

Sharing your

**Frequently asked** 

i ny te cannear y		
capacity	phytosanitary	questions: About
evaluation (PCE):	technical	plant protection,
Collaborative	resources:	with detailed
process to help	Guides and	answers.
countries evaluate	training materials	
their phytosanitary	developed under	
capabilities.	the auspices of	
	the IPPC	
	Secretariat.	

**Questions** about this page? Contact **name.surname@fao.org** 

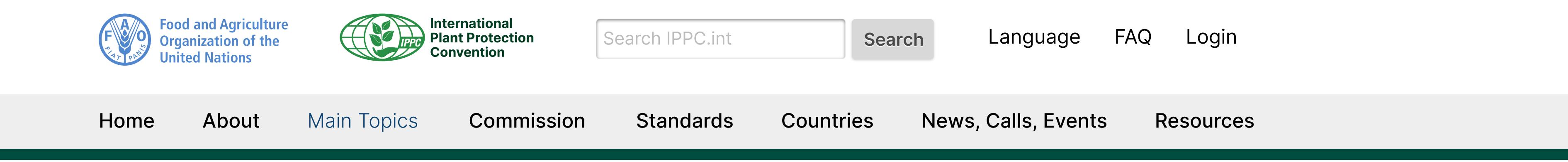
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**IPPC** → **Main Topics** → **Phytosanitary Systems** → Eradication

# Eradication

Application of phytosanitary measures to eliminate a pest from an area (**ISPM 5 Glossary of Phytosanitary terms**).

**Official control:** The active enforcement of mandatory phytosanitary regulations and the application of procedures with the objective of eradication or containment of quarantine pests or for the management of regulated non-quarantine pests (**ISPM 5 Glossary of phytosanitary terms**).

Supplement 1 to ISPM 5 provides additional guidance on the interpretation and application of the concept of "official control".

# International Standards for Phytosanitary Measures (ISPMs) of particular relevance to Eradication

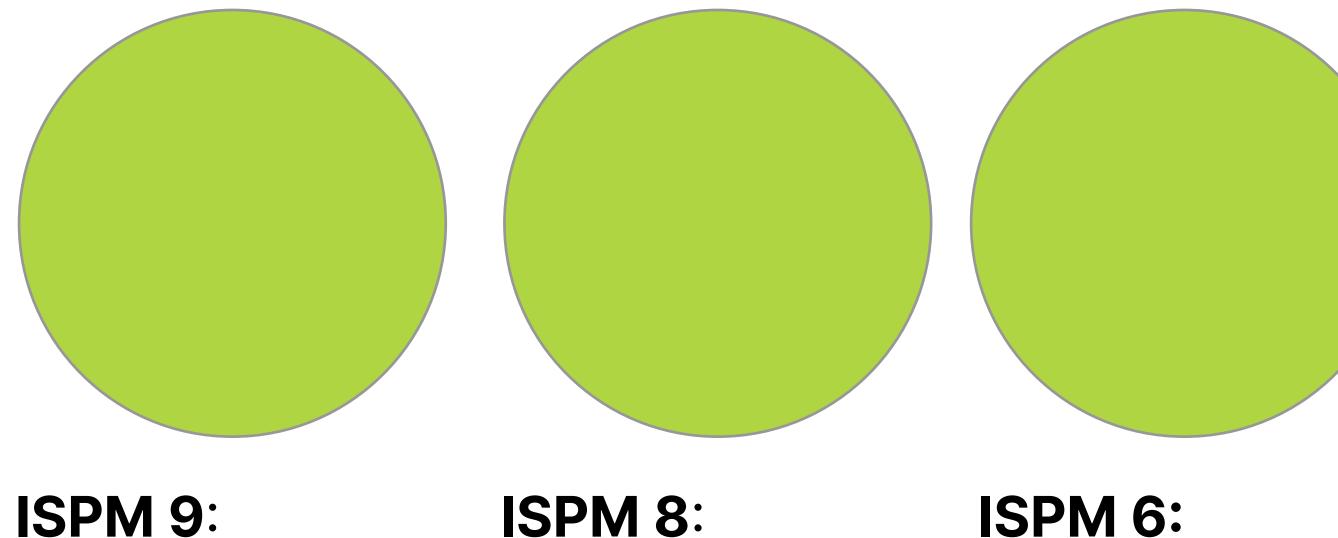
Available in Arabic, Chinese, English, French, Russian and Spanish.



Terrestrial Mollusk, Poppy Anemone, and Crane Fly from *Mira Calligraphiae Monumenta* or The Model Book of Calligraphy (1561–1596) by Georg Bocskay and Joris Hoefnagel. Selected or random image from a library of botanical illustrations to brighten the page.

Unofficial translations are also available: ISPM4, 8 and 9 in Portuguese and Vietnamese, ISPM 6 in Korean and Portuguese.

Images can be illustrations and, or, photographs.



Guidelines for<br/>pest eradicationDetermin<br/>of pest s<br/>an area.



#### IN THIS SECTION

- Eradication main page
- Contributed resources

List of sub-pages and Information related to the current page or site section in the sidebar.

#### See also

- Implementation & Capacity
  Development
- Adopted ISPMs
- CPM Recommendations
- Guides and training materials
- Contributed resources

# Implementation Resources of particular relevance to Eradication

### Surveillance Guide (2nd edition)

Available in Arabic, English, French and Spanish

This guide addresses aspects of policy and management, which together should outline the rationale for the establishment of a national plant pest surveillance programme.

**ISPM 6: Surveillance** refers to the components of survey and monitoring systems for the purpose of pest detection and the supply of information for use in pest risk analyses, the establishment of pest free areas and, where appropriate, the preparation of pest lists. Contribution to the Sustainable Development Goals



### ISPM 5 Glossary of Phytosanitary Terms

This **reference standard** is a listing of terms and definitions with specific meaning for phytosanitary systems worldwide. It has been developed to provide a harmonized internationally agreed vocabulary associated with the implementation of the IPPC and ISPMs.

A national plant pest surveillance programme should be conducted in line with this standard to ensure that its results are accurate, credible and contribute to national goals and priorities.

### **Pest Status Guide**

### Available in Arabic, English, French and Spanish.

This guide describes the steps that national plant protection organizations (NPPOs) should follow when determining the status of a pest in an area, starting with identifying the pest and the area under consideration.

e-learning course on Surveillance and pest status determination *Available in English and French.* 

This course introduces key concepts related to pest surveillance and pest status determination and pest reporting, particularly as it relates to new pest detections and emerging pests. It also provides practical guidance to assist National Plant Protection Organizations (NPPOs) in strengthening their national surveillance systems and surveillance activities to support early pest detection, pest monitoring and pest status determination.

### **Country information**

Each **country** page shows the contact information of the IPPC Official Contact Points of the Contracting Parties and local contacts of non-Contracting parties and Territories.

Under the contact information, it lists the public national reporting obligations which shall be reported by the contracting parties via their country page.

These obligations include reporting of:

- Designation of an Official IPPC Contact Point,
- 2. Description of the NPPO,
- Phytosanitary requirements, restrictions & prohibitions,
- 4. List of entry points
- 5. List of regulated pest

### **Other contributed resources**

From various partners.

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FAQs	Logo Policy		

6. Pest	report
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7. Emergency action