



Food and Agriculture
Organization of the
United Nations



International
Plant Protection
Convention

IPPC Webinar Introduction to the Pest Status Guide

New IPPC Guides



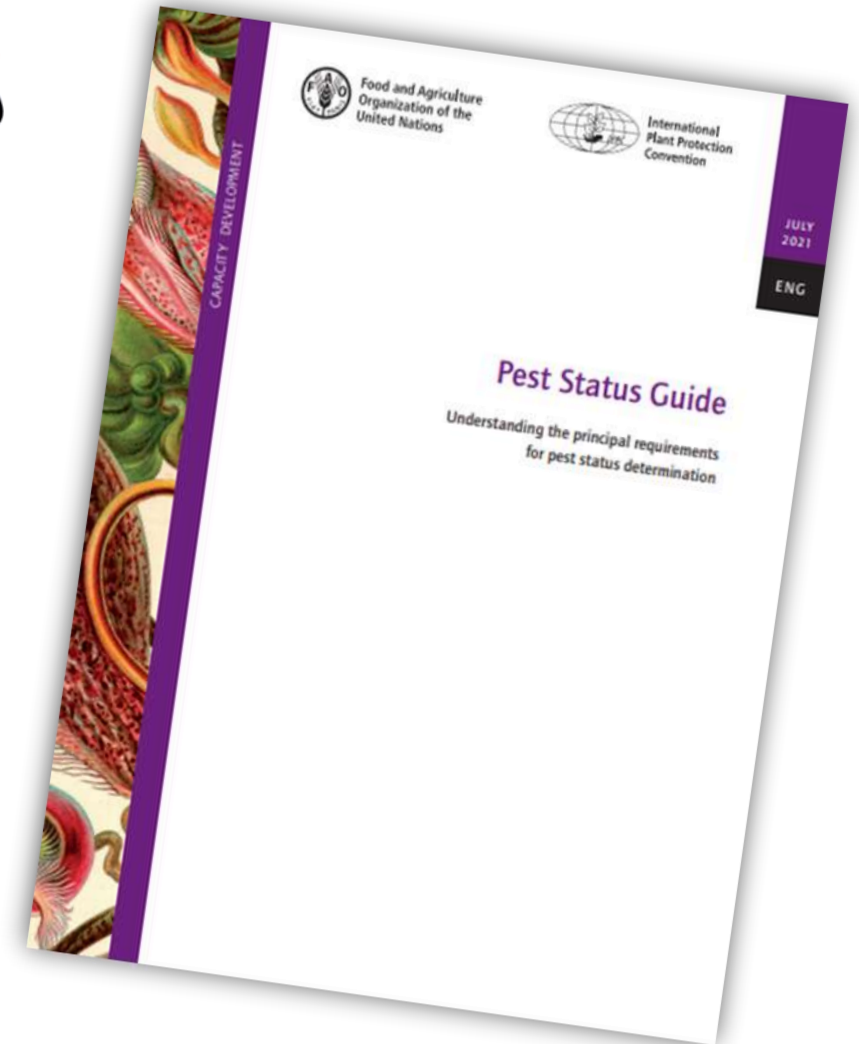
Pest Status Guide



- The Pest Status Guide was developed to assist NPPOs with implementation of ISPM 8: *Determination of pest status in an area*.



<https://doi.org/10.4060/cb6103en>



ISPM 8. 2021. *Determination of pest status in an area*

- ISPM 8 has been revised and was adopted during CPM 15 (2021)

<http://www.fao.org/3/x2968e/x2968e.pdf>



Pest Status Guide

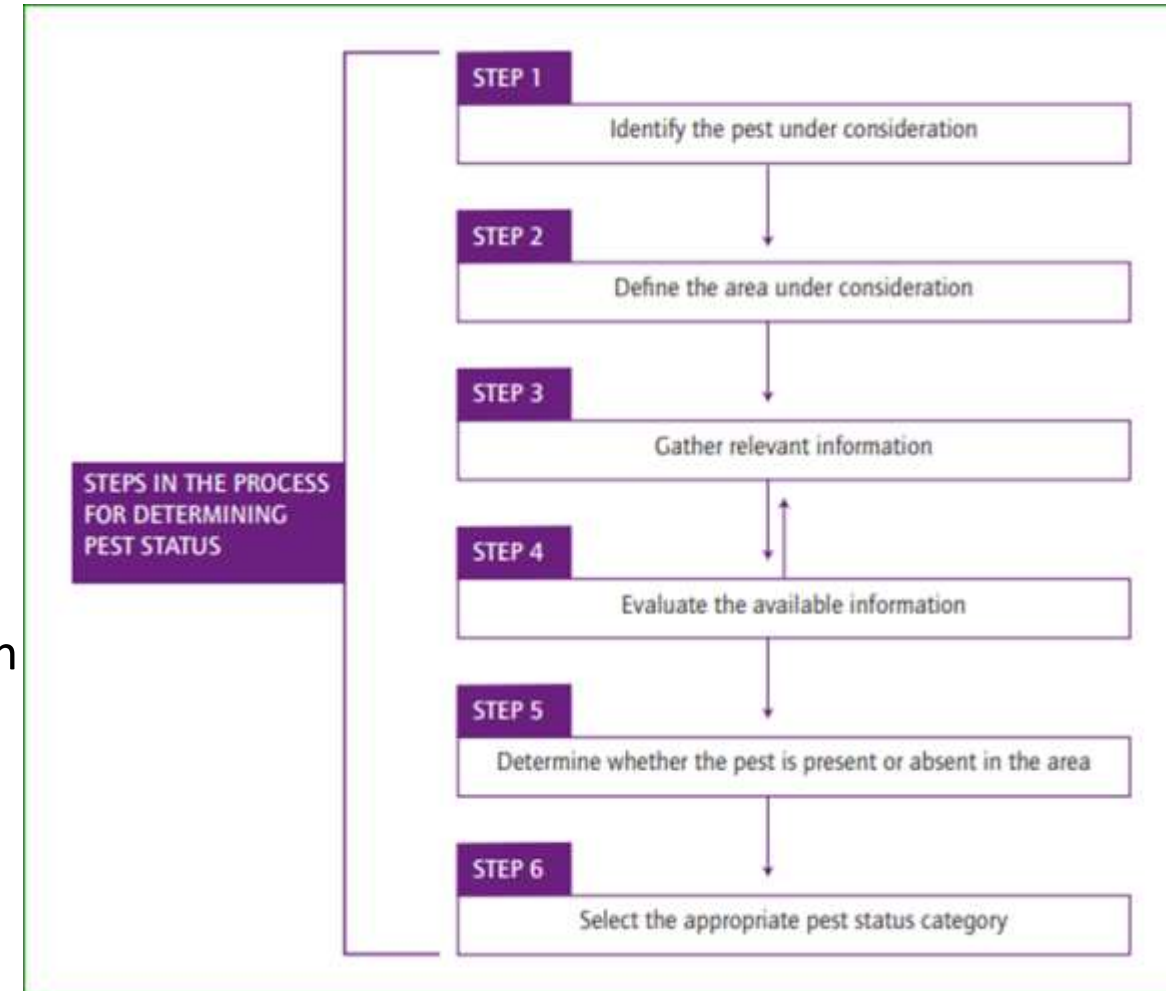
- Describes the steps that NPPOs may follow to determine the status of plant pests within their territories starting with identifying the pest and the area under consideration.
- Guidance on gathering and evaluating information and assessing sources of uncertainty.
- Describes how to select the appropriate pest status category in accordance with ISPM 8: *Determination of pest status in an area*.
- Explains how pest status may be used, for example in developing a regulated pest list, pest reporting or securing market access.



PEST STATUS GUIDE

Determining pest status

1. **STEP 1: Identify the pest under consideration**
2. **STEP 2: Define the area under consideration**
3. **STEP 3: Gather relevant information**
 - 3.1 Pest records
 - 3.2 Surveillance
 - 3.3 Reference collections
 - 3.4 Scientific literature, reports and other written information
 - 3.5 Expert judgements
 - 3.6 Databases, websites and other online information sources

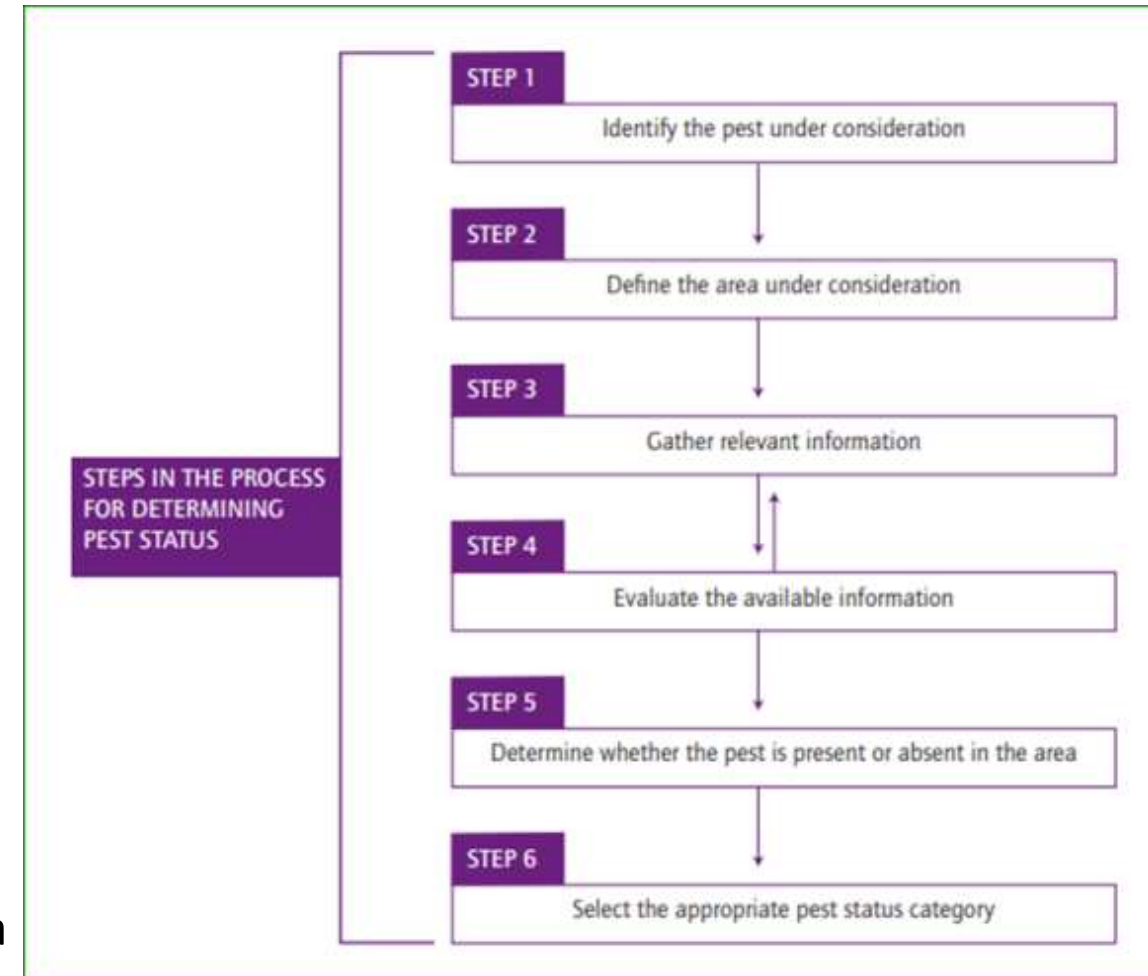


PEST STATUS GUIDE

Determining pest status

4. STEP 4: Evaluate the available information

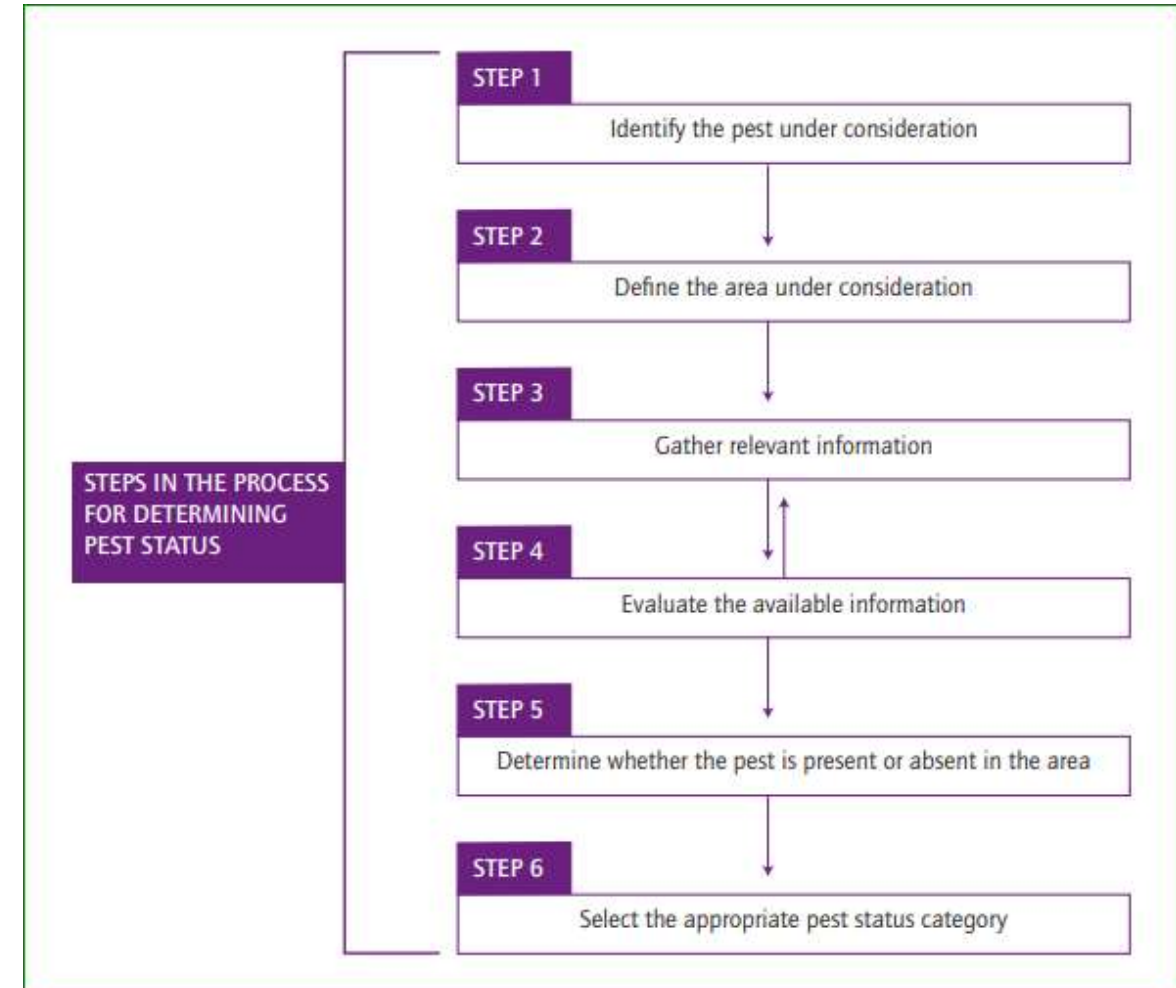
- 4.1 Limited information on pest biology
- 4.2 Taxonomic revisions or ambiguity
- 4.3 Contradictory or outdated information
- 4.4 Difficulties with, or unreliability of, surveillance methodologies
- 4.5 Difficulties with, or unreliability of, diagnostic methodologies
- 4.6 Insufficient information on pest–host
- 4.7 Unknown aetiology
- 4.8 Detection of signs or symptoms of a pest without finding the causal organism
- 4.9 Insufficient information on pest distribution in an area
- 4.10 Unreliability of information sources



PEST STATUS GUIDE

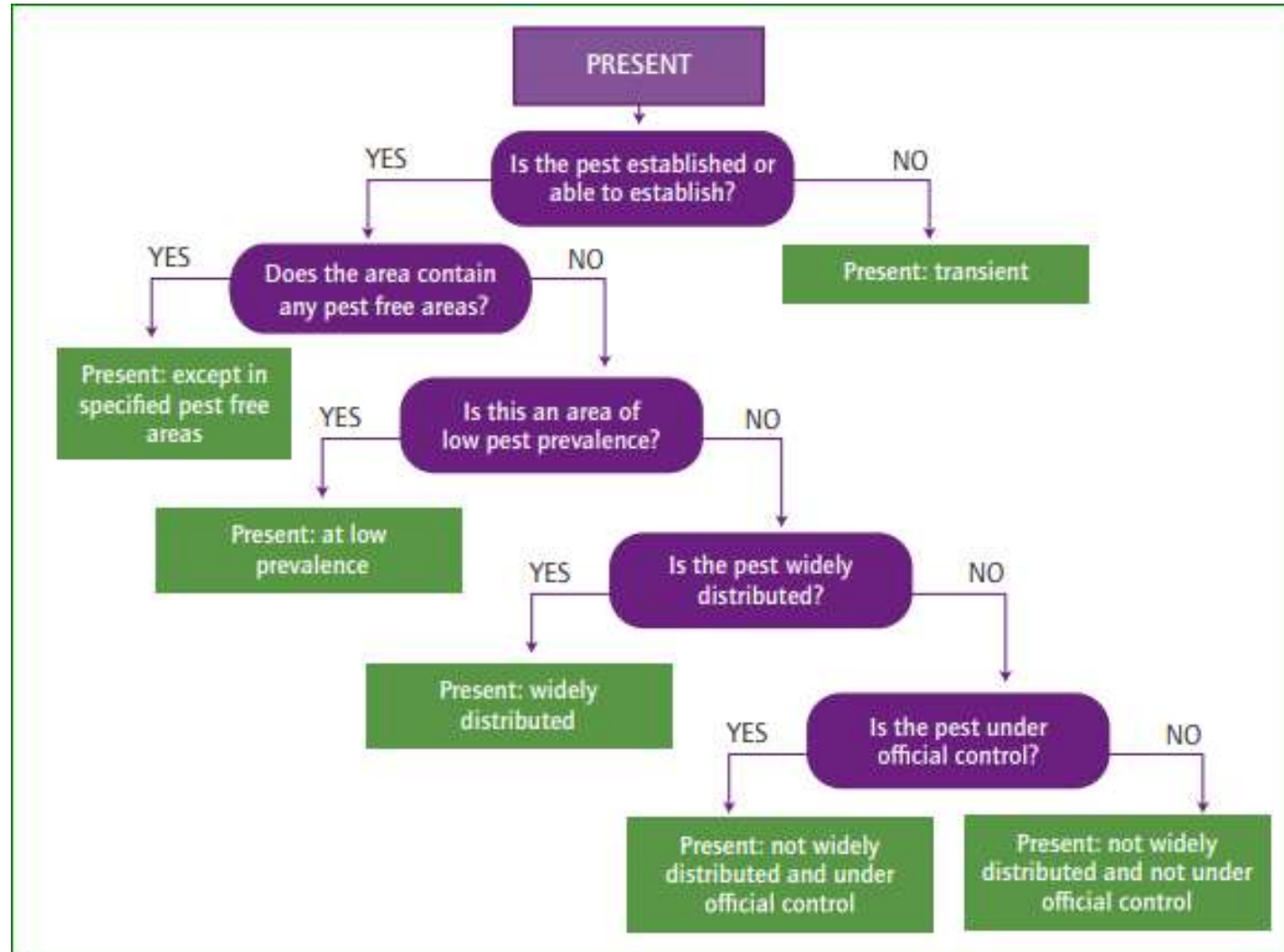
Determining pest status

5. **STEP 5: Determine if the pest is present or absent in the area**
6. **STEP 6: Select the appropriate pest category**

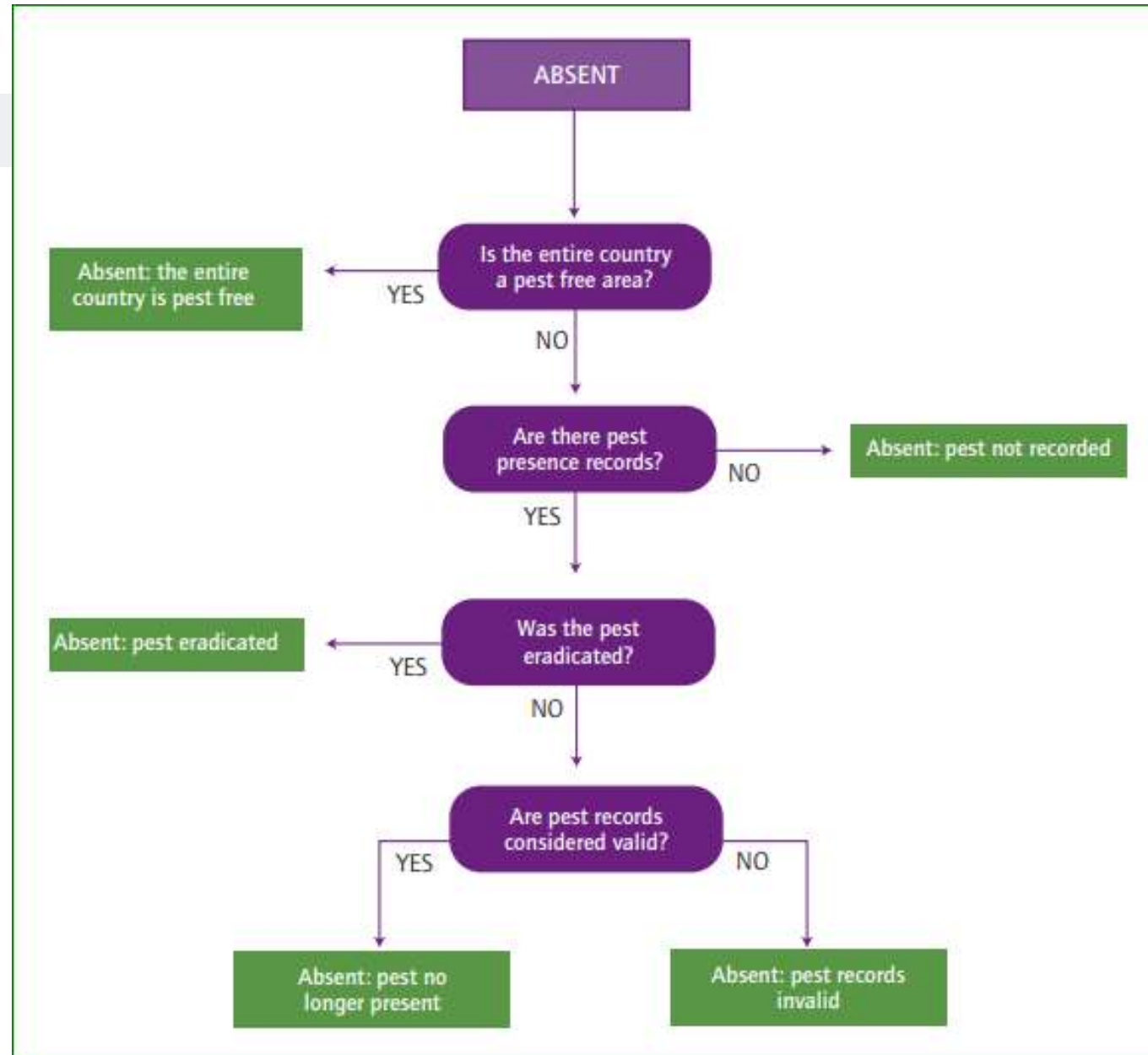


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Presence categories



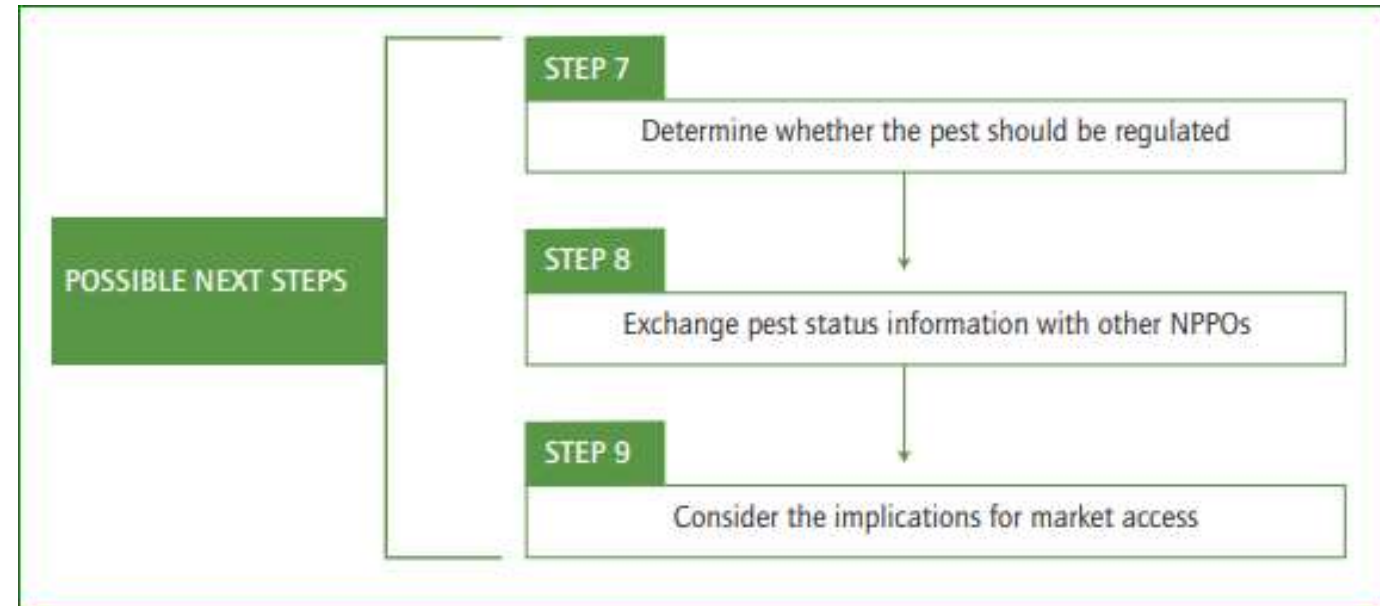
Absence categories



PEST STATUS GUIDE

Possible next steps

7. **STEP 7: Determine whether the pest should be regulated**
8. **STEP 8: Exchange pest status information with other NPPOs**
9. **STEP 9: Consider the implications for market access**



Case studies

1. Use of culture collections to determine presence/absence of bacterial plant pathogens in the United Kingdom
2. A citizen-science approach to determine the status of a pest in Canada
3. Taxonomic revision and correcting a pest status report in Argentina
4. Regional official control in Western Australia
5. Official control of European grapevine moth (*Lobesia botrana*) in Argentina
6. Application of a systems approach for the export of chilli pepper from Ghana to the European Union



Other useful information in the guide

- Suggestions for how to correct invalid pest records
- Checklist for pest status reports (to document the information used in making a pest status determination).
- Guidance on interpreting terms and phrases that have been used to describe pest prevalence and distribution in the scientific literature, historical pest reports and pest data sheets
- Examples of online information sources and information-exchange platforms



A word cloud featuring various terms related to pest management, phytosanitary measures, and international plant protection. The words are arranged in a circular pattern, with some terms appearing more frequently or in larger fonts than others. The colors of the words include shades of blue, green, yellow, and red.

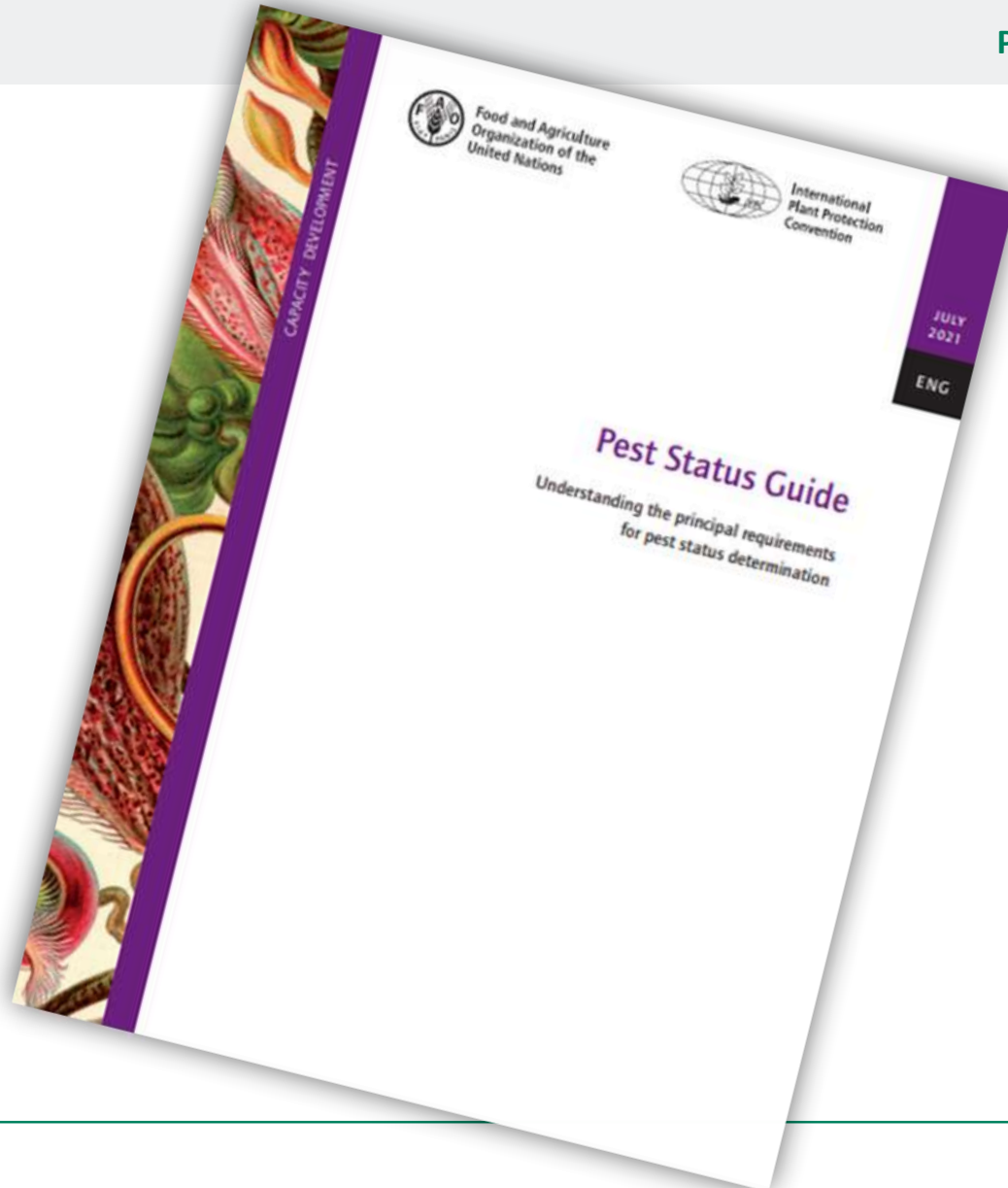
pest status information
general surveillance
reference collection
ippc secretariat
specific surveillance
case study
available information
pest status determination
pest status categories
new page
pest status report
place of production
spread of pest
regional plant protection
online information source
general text box
ispm text box
free area
determination of pest
market access
pest risk management
nppo
area
pest
country
ispm
fao
regulated pest list
pest free area
pest risk analysis
pest status
regulated pest
plant protection convention
plant products
quarantine pest
plant protection organization
scientific literature
official control
official control measures
vouchers specimens
low pest prevalence
consideration
phytosanitary measures
source of uncertainty
pest report
regulated article
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Thank you

IPPC Secretariat

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