



IPPC Technical Resources

Plant Pest Surveillance

Why is surveillance important?

Pest surveillance is a core function of a national plant protection organization (NPPO). A well managed, coordinated and resourced national pest surveillance system enables an NPPO to know when a pest is introduced into its country, and to take appropriate action. Responding at an early stage – before the pests have a significant impact – is the key to protecting the country's plant resources and its economy.

Because of this, surveillance is the foundation that enables an NPPO to contribute to national food security, environmental protection and trade.

What information is available?

The IPPC Secretariat, under the direction of the IPPC Capacity Development Committee (CDC), produces a range of materials to support plant pest surveillance. The materials include information on:

- ◆ Plant pest surveillance operations: planning, conducting, reporting, auditing and verifying a plant pest surveillance programme
- ◆ Technical support: plant pest diagnostics, surveillance tools, information management, laboratory procedures and diagnostics
- ◆ Management support: policy and management, financial mechanisms and training
- ◆ Plant pest and disease diagnostics: establishing and operating a diagnostic laboratory capable of carrying out entomological, bacteriological, mycological, nematological and virological testing of plant pests and diseases.

Together, these materials provide a framework that NPPOs can use to establish and update surveillance and key support systems, including phytosanitary diagnostic laboratories. The materials provide broadly applicable information for users to adapt to their own specific needs.

Materials from other sources are available on the Phytosanitary Resources Page. Additional contributions are welcome.

Get involved

This is part of a series of technical resources developed by the IPPC Secretariat under the direction of the IPPC Capacity Development Committee (CDC). In addition, hundreds of materials contributed by others are available on the Phytosanitary Resources Page. See overleaf for more information on the range of materials available and how the Manual on Plant Pest Surveillance was developed.

The IPPC Secretariat and CDC aim to continually improve the technical resources and seek collaborators to:

- ◆ Design capacity development activities, including workshops and projects based on the IPPC Technical Resources
- ◆ Develop training of trainers programmes
- ◆ Provide financial or in-kind contributions towards the cost of translation and printing of the IPPC Technical Resources
- ◆ Give feedback on use of the current materials (see link overleaf)
- ◆ Contribute case studies, relevant manuals, standard operating procedures and other resources information to the Phytosanitary Resources Page
- ◆ Contribute to development of future IPPC technical resources.



Phytosanitary Technical Resources

The Phytosanitary Resources Page (www.phytosanitary.info) includes over 300 technical resources that are freely available. These include e-learning modules, manuals, training materials, diagnostic protocols, videos, advocacy materials, photographs, a roster of consultants and databases of projects and activities. The materials support the implementation of the IPPC and its standards, and are in line with the capacity development strategy approved by the Commission on Phytosanitary Measures. The materials also support efforts to fulfil objectives of the IPPC's adopted Strategic Framework (2012–2019).

The resources fall into two categories – Contributed Resources and IPPC Technical Resources.

- ◆ Contributed Resources can be contributed by anyone, in any language, and are reviewed by the CDC for consistency and relevance to the IPPC.
- ◆ IPPC Technical Resources are developed by the IPPC Secretariat under the direction of its Capacity Development Committee (CDC).

How are the IPPC Technical Resources produced?

Identify needs: The Secretariat and CDC identify the need for resources to support implementation of the IPPC. This process includes analyzing the responses to the Implementation Review and Support System (IRSS) surveys, and building on experiences with capacity development projects.

Once the needs are established the next step is to identify where there are existing resources available that meet those needs, and where there are gaps.

Collect and make available existing resources: The IPPC Secretariat issued a call to identify existing materials that could be made available or adapted. The Secretariat received hundreds of training materials, manuals, diagnostic protocols and standard operating procedures in response to this call.

The IPPC Capacity Development Committee reviews contributed materials in line with a set of criteria, including consistency with the IPPC. Suitable materials are made available on the Phytosanitary Resources website (www.phytosanitary.info).

Additional suggestions of materials (in any language) are continuously accepted to be considered for inclusion in the page.

Identify gaps: Once the extent of existing material is known, the gaps can be identified and IPPC Technical Resources developed to fill those gaps.

Prioritize which new materials to develop: The CDC sets priorities to develop new IPPC Technical Resources that are globally relevant, not already available, and emphasize NPPO management.

Develop and peer review new materials: The IPPC Technical Resources are developed with input from technical experts, and peer reviewed by additional experts and organizations and by the CDC, using existing materials as references when relevant.

Publish, use and improve IPPC Technical Resources: IPPC Technical Resources are available at www.phytosanitary.info/ippc-technical-resources, and additional materials are in development. The CDC encourages national and regional plant protection organizations, and all involved in phytosanitary capacity development, to use and contribute to these materials.

Get involved: See overleaf for suggestions of how to get involved.

Feedback is welcome through: www.surveymonkey.com/s/factsheets-IPPC

The materials on plant pest surveillance are being developed under the auspices of the IPPC Secretariat, with direction from the IPPC CDC, with input from phytosanitary experts from around the world. Information on the technical and financial contributors can be found within each manual.



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