

The International Plant Protection Convention

IPPC Regional Workshop 2016

Foresight

Enhancing Early Warning Capabilities and Capacities for Plant Health

Outline

1. What is foresight?
2. Introduction
3. Drivers
4. Emerging issues

1. What is the foresight?

“...the systematic examination of potential hazards, opportunities and likely future developments which are at the margins of current thinking and planning.”

1. What is the foresight?

Foresight helps to identify critical and emerging issues in plant health at the national, regional and global level

- Critical issue – an existing issue that can have negative impacts to plant health if left unmanaged
- Emerging issue – a new or unexpected issue that can cause a negative change to plant health

Introduction

Foresight techniques compliment early warning systems

- surveillance systems
 - non-compliance reporting
 - intelligence gathering
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- Foresight leads to preparedness and development of pro-active plant health strategies e.g. contingency plans
 - Foresight helps decision-makers with future policy or risk management strategies
 - Foresight does not provide an accurate depiction of the future
 - Outputs from foresight activities do not replace traditional scientific evidence

Drivers of Issues

Issues may be raised by:

- a newly identified plant pest for which a significant probability of introduction and/or spread may occur
- an unexpected, new or increased significant probability of introduction and/or spread of an already known plant pest
 - a new or a modified pathway of introduction
 - a change in agriculture or forestry practice
 - a change in pest/disease management or the cultivation of a new crop
- a new or an increased susceptibility of host plants to a known plant pest or to an agent with altered virulence (including insensitivity to previously applied measures)

Drivers of Issues

Drivers of critical and emerging issues:

- Changes in pests, plants and their interactions
- Agriculture and forestry practices
- International movement of people and plant material
- Market access
- Plant protection chemicals
- Food consumption patterns
- Land use and landscape management
- Climate change
- Awareness and stakeholders involvement
- Research and development coordination, collaboration and capacity building
- Conflicting priorities for resources and funding

Critical Issues

Some critical issues already identified:

- Dispersal of plants into new ecological zones, risk of spread and introduction of new pests
- Changed agriculture and forestry practices when they have not been properly determined to be more effective (including pest population and dynamics)
- Increased international trade of plants and plant products and movement of people
- Climatic conditions altering the ecological ranges of plants and associated pests
- Lack of awareness of pests and their consequences

Emerging Issues

What emerging plant health issues have you identified that are of concern to your country and region?

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