Pest Reporting in the European Union

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- **DG SANCO** acts as the risk manager for plant health in the EU

- Dir E2 + Standing Committee on Plant Health
  - Risk management measures (legislation)

- Dir F - **Food and Veterinary Office**
  - Implementation
    - Performs audits and other controls and
    - Collection, analysis and reporting

Further information on the FVO is available on the FVO website: ec.europa.eu/food/fvo/index_en.cfm
Pest reporting in the EU

- **Objective** = To collect information required for risk management
- Reports of **harmful organism** = pest
  - EU Regulated i.e. Annexes I and II of Directive 2000/29/EC
  - Specific EU emergency measures
  - Or determined to be a pest by NPPO
    - EPPO lists – including Alert list
    - Quick PRA/PRA
Pest reporting in the EU

- Aim to minimise administrative burden for reporting
- And analysis

- 28 Member States = considerable variation in risk, climate, national databases, language....

- Focus on critical information
  - Legally defined (EUROPHYT) or reporting templates
  - Ease of reporting
  - Web-based, compatibility with NPPO systems, XML
Pest Reporting in the EU

- There are three broad categories of pest reports:
  - **Interceptions** - findings of pests on imported plants or plant products, and on similar products moving within the EU, or non-compliance
  - **Pest presence** - presence/outbreaks
  - **Surveys**
Interceptions - requirements

- **Notification** of finding of harmful organism is required by Article 13(c)8 of Directive 2000/29/EC
- FAO-IPPC Standard **ISPM 13**
- The procedure for reporting is established in Commission Directive 94/3/EC
- Defines 'interception', establishes deadlines and the format for reports, and role of the Commission
- Provides a legal basis for the EU Notification System for Plant Health Interceptions - **EUROPHYT**
EUROPHYT – network and database

- Since 1995
  - Steering group + IT
- **Notification** – of interception
- On-line or XML

- **Rapid Alert** - email
  - Email - NPPOs of MS, EPPO and IIPC contact exporting TC
  - Tailor-made rapid alert settings are possible

- **Database**
  - on-line access for NPPO of MS, Switzerland and EFSA
  - Direct search interface, Business Object module with standard reports
Intercepted consignments - total

![Bar chart showing intercepted consignments from 2009 to 2013. The chart indicates a decrease in consignments from third countries (red bars) and an increase in consignments from Member States (green bars) over the years.](chart.png)
Consignments intercepted with harmful organisms

![Bar chart showing consignment interceptions from 2009 to 2013. The chart compares consignments from TC and MS.](chart.png)
Commodities intercepted with HO
Harmful organisms intercepted from Third Countries
Interceptions – reports

12 new harmful organisms notified in 2013

<table>
<thead>
<tr>
<th>Harmful organism</th>
<th>Date of reporting</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAPAYA RINGSPOT VIRUS</td>
<td>16/09/2013</td>
</tr>
<tr>
<td>PURPURICENUS TEMMINCKII</td>
<td>29/08/2013</td>
</tr>
<tr>
<td>MINTHEA RETICULATA</td>
<td>23/07/2013</td>
</tr>
<tr>
<td>OTIORHYNCHUS SP.</td>
<td>21/05/2013</td>
</tr>
<tr>
<td>DYSMICOCUS BREVIPES</td>
<td>23/04/2013</td>
</tr>
<tr>
<td>ANTHONOMUS EUGENII</td>
<td>21/03/2013</td>
</tr>
<tr>
<td>PRUNE DWARF VIRUS</td>
<td>20/03/2013</td>
</tr>
<tr>
<td>PSEUDAULACASPI S PENTAGONA</td>
<td>14/03/2013</td>
</tr>
<tr>
<td>CHERRY LEAFROLL NEPOVIRUS</td>
<td>07/03/2013</td>
</tr>
<tr>
<td>CHERRY RASP LEAF NEPOVIRUS</td>
<td>07/03/2013</td>
</tr>
<tr>
<td>CUCUMBER MOSAIC VIRUS</td>
<td>07/02/2013</td>
</tr>
<tr>
<td>BACTROCERA CARAMBOLAE</td>
<td>29/01/2013</td>
</tr>
</tbody>
</table>
Interceptions – reporting by FVO

- FVO provides **weekly** reports to Member States and certain Third Countries
- **Monthly** report to EPPO
- **Annual** reports presented by FVO to Regulatory Committee and COPHS
- Monthly and Annual reports available to public on the EUROPHYT website:
  
  ec.europa.eu/food/plant/plant_health_biosafety/europhyt/index_en.htm
Interceptions – reporting by FVO

- Specific reports available on request

  Sanco-europhyt-support@ec.europa.eu
Pest presence - requirements

- Article 16 of Directive 2000/29/EC requires that Member States **immediately notify in writing**:

- (1) the **presence** in its territory of any **harmful organism listed** in Section I of Annex I and II or the appearance in a part of its territory where it was previously unknown, of an organism listed in **Section II of those Annexes**;

- (2) The **actual or suspected appearance** of any harmful organism **not listed** in those Annexes whose presence was previously unknown in its territory
Pest presence – reporting by Member States

- In contrast to interceptions there is currently **no defined format or network** for reporting pest presence in the EU
- Written reports, submitted by email
- A detailed analysis by the FVO showed wide variation in the format, content and details provided in the notifications
Pest presence – reporting by Member States

• Need for a system to supplement that operated by EPPO to ensure information necessary for risk management is provided

• FVO Working Groups in 2012, followed by presentation to regulatory committee in Feb 2014 of a Decision to establish the procedure and network

• Anticipated that development will start in 2014
Pest presence – reports 2010 - 2013

Notifications of harmful organism

Updates

<table>
<thead>
<tr>
<th>Year</th>
<th>Notifications</th>
<th>Updates</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>213</td>
<td>16</td>
</tr>
<tr>
<td>2011</td>
<td>266</td>
<td>5</td>
</tr>
<tr>
<td>2012</td>
<td>200</td>
<td>5</td>
</tr>
<tr>
<td>2013</td>
<td>203</td>
<td>19</td>
</tr>
</tbody>
</table>
Pest presence – reports -status

- Emergency measures: 59
- IIAI: 5
- IIAII: 21
- IIAIII: 45
- IIB: 1
- Not regulated: 64
Pest presence – reports 2013

- 53 reports – **first findings**
- 13 of which were **first findings in EPPO/EU**
  - *Xylella fastidiosa*
  - *Rhagoletis suavis* (Walnut husk fly)
  - *Thaumatotibia leucotreta* (false codling moth)
  - *Geosmithia morbida* (thousand canker disease), and its vector beetle, *Pityophthorus juglandis*
Pest presence – reporting by FVO

- FVO provides a **monthly** assessment of reports for Member States, and an overview report to the regulatory committee every **six months**

- Reports on pest presence are not currently made available to the public by Commission

- EPPO

- NPPO
Surveys - requirements

• **15 Mandatory** surveys:
  - harmful organisms subject to EU emergency measures (13)
  - three key pests of potatoes subject of Control Directives
  - Reporting requirements are without prejudice to those of Article 16

• **NPPO** responsible for surveys
  - Sound scientific principles, biology of the pest
Surveys – reporting by Member States

- No database or notification system
- FVO has developed **reporting templates** for each survey - Excel or Word
- Proved to be effective in ensuring that the minimum information required is provided and in assisting analysis
- Increasing demand – **shaping surveys**
Surveys – reporting by Member States

- A harmonised data collection system was trialled over four years for reporting surveys for PSTVd
- Data was provided (in xml) using a web-based form or by direct upload from national databases
- Based on an agreed data dictionary which defined and described what data was to be collected
- Online business intelligence reports on the data were published
INFORMATION ON DOMESTIC PRODUCTION AND SURVEYS

Is data available for this survey?

[007] Host Plants*
Plant species considered as possible hosts of PSTVd. In the case of “other hosts”, type the name into the field above.

[008] Total production (number of crops)
Total production of a particular plant species in a Member State. If available, please indicate the total number of crops produced per plant species indicated in [007] Host Plants (above) in your country.

[009] Total production (hectareage of production)
Total production of a particular plant species in a Member State. If available, please indicate hectareage of production of plant species indicated in [007] Host Plants (above) in your country (if data is available).

[010] Number of crops/lots inspected*
Total number of crops or lots of the relevant host species cultivated during a particular year and visually inspected. Must be a total number of crops or lots of the plant species cultivated in particular Member State and visually inspected (if appropriate, out of those indicated in [008] Total production (above), irrespective whether followed by sampling or not). A crop should be considered to be a separate ‘lot’ and may be a specific variety, clone or propagation step/unit. In case of final production, a lot may consist of many thousands of individual plants, whereas in case of testing of breeding or gene bank material a lot may consist of very few plants, only. If no inspections or unknown, enter 0.
Surveys – reporting by FVO

- FVO prepares reports *annually* for each survey for regulatory Committee for review of emergency measures
- The reports are not currently made available to the public
- May be available on a case-by-case basis on request to FVO
Future – pest reporting

- Development of **EU system for pest reporting**
- **Review of EU Plant Health Regime**
  - Require **general surveillance**
  - **Co-financing** of programmes
  - Expert Working Group identified **priorities** for the Commission work programme
  - **Prior approval** of survey programmes and reporting and assessment of their implementation
Future – pest reporting

- Expect much more surveillance and
- Much more pest reporting?