EPPO Codes in SANTE Systems

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Directorate General for Health and Food Safety, European Commission
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SANTE systems using EPPO codes

- **PPPAMS** (*Plant Protection Products Application Management System*)
- **TRACES** (*TRAde Control and Expert System*)
- **TNT** (*TRACES New Technology*)
- **EUROPHYT Interceptions** - outbreaks
- **Plant Health Surveys Programme** (*Eradication Funds*)
- **Linked Open data**

*Ad hoc use e.g. reporting suite for the Impact Assessment for endocrine disruptors*
What is the **PPP Application Management System (PPPAMS)**?

- An EU level tracking and workflow management tool used to complement national IT systems to track applications made by applicants and processed by National Competent Authorities (NCA) to authorise PPPs.
- EU 28 + Norway
- NCA's still receive and process applications outside of the system but must also complete and track the application within PPPAMS.
- Two parts: 1. Administrative site 2. Public database
- Key objective is to facilitate information sharing and harmonisation of authorisations
Ongoing work

- **Existing authorisation data**
  - Data collection exercise: Currently working with NCAs to collect existing authorisation data in a structured way that will be fed into PPPAMS
  - In 2016/17 DG SANTE processed MS data and assigned EPPO codes which MS are now validating
  - Authorisations will be publically available through the public database

- **Implementation of PPPAMS**
  - Further work to enable all application types
  - Make it obligatory to enter all applications in PPPAMS - there will be no further need to collect data manually.
Describe the use of the PPP

- **EPPO codes are used to help describe the use/uses of the PPP within the GAP table and on any resulting authorisation – harmonised structured format**

- The applicants are obliged to record the Crops/Situation and Pest/Target/Purpose (can be non-pest).

- **Multiple codes can be selected to describe a use e.g. for grapes used for wine production: VITVI (grape) and 3HCOPD (grown for processing for human consumption)**
Importance of EPPO Codes in PPPAMS
GAP Tab

Crop and Pest selection is mandatory

Direct link to the EPPO Global database

Need to select the correct EPPO Code for the crop (or situation if non-crop use) and the pest/target
## Search for an EPPO code

Enter the Name or the EPPO Code

<table>
<thead>
<tr>
<th>Eppo Code</th>
<th>Name</th>
<th>Type</th>
<th>Language</th>
<th>Preferred</th>
<th>Select</th>
</tr>
</thead>
<tbody>
<tr>
<td>CYJBE</td>
<td>tree tomato</td>
<td>plant</td>
<td>English</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>CYJBE</td>
<td>tomato de monte</td>
<td>plant</td>
<td>Spanish</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>DSATO</td>
<td>Discaria tomatou</td>
<td>plant</td>
<td>Scientific</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>LYPCH</td>
<td>Chile tomato</td>
<td>plant</td>
<td>English</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>LYPEC</td>
<td>cherry tomato</td>
<td>plant</td>
<td>English</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>LYPES</td>
<td>tomato</td>
<td>plant</td>
<td>English</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>LYPES</td>
<td>tomato</td>
<td>plant</td>
<td>Japanese</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>LYPPI</td>
<td>currant tomato</td>
<td>plant</td>
<td>English</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>LYPXP</td>
<td>transplanted tomato</td>
<td>Non taxonomic</td>
<td>English</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>LYPXP</td>
<td>tomato (transplanted)</td>
<td>Non taxonomic</td>
<td>Scientific</td>
<td>Yes</td>
<td></td>
</tr>
</tbody>
</table>

Showing 1 to 10 of 18 entries

Add  Cancel
EPPO codes in PPPAMS (2)

For Emergency authorisations

- **PPPAMS builds a link between the EPPO crop codes and the EU Pesticides database product-commodity codes.**
- **The applicant confirms that a Maximum Residue Level (MRL) is in place for the uses being applied for.**
Link between EPPO Codes and MRL products (emergency authorisations)

Edit authorisation BE1234567

The authorisation has not been published yet and is not available to the public. Please complete the other tabs.

<table>
<thead>
<tr>
<th>MRL: reference to products</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Product</strong></td>
</tr>
<tr>
<td>Tomatoes</td>
</tr>
<tr>
<td>Inoxacarb (sum of inoxacarb and...)</td>
</tr>
</tbody>
</table>

Value of TMRL

4000 character(s) left
4. Other SANTE Systems and the use of EPPO codes
TRACES and TNT (TRACES New Technology)

- **TRACES** is the European Commission's multilingual online management tool for all sanitary requirements on intra-EU trade and imports of animals, semen and embryo, food, feed and plants.

- **EPPO codes used for the ePhyto certificates needed for plants and plant products imported in EU from third counties**

- **TNT** is dedicated to the certification of organic products
EPPO codes in EUROPHYT

- helps to protect EU territory from the introduction and spread of new pests and plant diseases
- web-based network and database
- plant health interception notifications system
- Uses EPPO codes for both plants and pests

Updates to the EPPO GD are imported on a daily basis to a SANTE repository that forms the basis for all systems using EPPO codes
Linked Open Data in SANTE

Open data is data freely available to everyone to use and republish as they wish, without restrictions from copyright, patents or other mechanisms of control.

SANTE publishes its data with links to other organisations' data making thus possible the navigation and browsing across this new universe of linked data across organisations.
SANTE publishes data, using EPPO codes as reference data and one of its core datasets
SANTE open data and EPPO

We would like EPPO to use URIs for identifying their data.

This would allow SANTE and other ORGs to interlink their open data via EPPO

http://eur-lex.europa.eu/eli-register/about.html
http://eurovoc.europa.eu/
Need for additional codes

The ePhyto necessitates that new taxonomic EPPO codes for species are needed by the 1000s

Examples:

• *Indonesia timber exports need ~3000 new codes*
• *NL has recently requested ~4000 codes*
• *More are to follow as ePhyto usage expands*

EPPO has already provided some of these codes in a collaboration with SANTE during 2017
Needs identified in relation to use of EPPO Codes

- *For PPPAMS: codes to describe all types of uses*
  - Mainly non-taxonomic
  - Specific PPP needs, e.g.
    - Qualifiers
    - Targets (for non-taxonomic 'pests')
      → New codes are under development
- *Lack of experience using EPPO Codes*
- *Need for clear and meaningful descriptions*
- *Need for consistency and further guidance*
Feedback

If you have any suggestions or feedback based on use of EPPO codes in SANTE systems, please do not hesitate to contact us 😊

PPPAMS: SANTE-PPPAMS@ec.europa.eu