“Update on the use of EPPO Codes by the PPP (plant protection products) Industry”

Webinar for the EPPO Codes Users
EPPO Panel Meeting, Milan, Italy
2019-02-20
Agenda

- Introduction
- Experiences with the EPPO Code Web-Application
- EPPO Code requests
- General Feedback on EPPO Code use
- Examples for Usage of EPPO codes in PPP industry
- The way forward
“Update on the use of EPPO Codes by the PPP (plant protection products) Industry”

is the result of the ECPA Subgroup Data Harmonization

<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kristin Hanzlik</td>
<td>BASF SE, APR/HP – LI721, 67117 Limburgerhof, Germany</td>
</tr>
<tr>
<td>Marc Rutten</td>
<td>BAYER AG, Building 6100, C2.75 40789 Monheim, Germany</td>
</tr>
</tbody>
</table>

Karen Apiecionek (Syngenta), Michael Speer (Syngenta), Alberto Matthei (Syngenta), Udo Stephan (Bayer), Jose Pablo Gonzalez Gonzalez (Bayer), Katrin-Christina Fluck (Dupont), Hannelore Becker-Hardt (Dupont), Niclas Freitag (Dupont), Marion Mertel (BASF), Bernhard Jung (BASF)
Experiences with the EPPO Code Web-Application

The Web Application of the EPPO Global Database is easy to use and the performance is good.

Download offers for data base content are flexible and convenient.

No complaints were reported.
As expected the number of requested codes were very limited across companies.

The response time is ok.

Any information available about codes that are currently in request process?
EPPO Code requests
Non taxonomic Codes

https://gd.eppo.int/taxon/

categorization of non-taxonomic groups is not completed yet, scope of non-taxonomic codes sometimes unclear (e.g. Qualifiers) – thus none of the companies has recently requested new non-taxonomic codes

ECPA Subgroup Data Harmonization appreciates efforts of EPPO and offers further support to define new categories and provide definitions for ntx-codes
EPPO Code use
General feedback

**Online Ordering Process:** non-compliant with companies ordering and payment processes, alternative procedure very much appreciated

**Size of Data Base:** many codes that are not relevant for PPP industry, usually reduction step necessary to include EPPO code reference lists into IT applications without reducing their performance

**Newsletter:** supports decision whether update necessary or not, could the numerous changes be added to email via .xls or .csv file?

**PPP industry is willing to use new non-taxonomic code groups,** but it will take time to integrate them into IT landscape
Examples for Usage of EPPO codes in PPP industry
The Process – From Invention to Market

Use of EPPO Codes by the plant protection Industry, Milan 20.02.2019
Working examples – Where in PPP the EPPO code is used

- Traditionally EPPO code is used in field trials and in greenhouse screening
- New: lab research, marketing
- Planned use: regulatory
- Even some farmers cooperating with PPP industry have adopted EPPO codes
## Current use of EPPO codes

<table>
<thead>
<tr>
<th>Working Area</th>
<th>Use of EPPO code for:</th>
<th>tc</th>
<th>ntc</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Research: Lab (e.g. Mode of Action, Enzyme testing)</td>
<td>Enzyme Source, Test Species (Insect, Fungus Isolate, Indicator plants)</td>
<td>x</td>
<td></td>
<td>Often in combination with further level of coding (Isolate ID, Enzyme Name...)</td>
</tr>
<tr>
<td>Research &amp; Development: Compound Screening</td>
<td>Test Species (Fungi, Insects, Plants), Crop Plants</td>
<td>x</td>
<td>x</td>
<td>Greenhouse Experiments, Field Trials</td>
</tr>
<tr>
<td>Marketing: Digital Offers / Online Marketing</td>
<td>common key for different languages, connect information from different sources</td>
<td>x</td>
<td>x</td>
<td>Crop groups differ in regions / countries, EPPO code mixed with internal codes</td>
</tr>
</tbody>
</table>
Introduction of EPPO codes or intensified use possible:

<table>
<thead>
<tr>
<th>Working Area</th>
<th>Use of EPPO code for:</th>
<th>tc</th>
<th>ntc</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Regulatory: Registration / Label Information</td>
<td>Crop List, GAPs</td>
<td>x</td>
<td>x</td>
<td>Varieties, subspecies, different groupings...</td>
</tr>
<tr>
<td>Regulatory: Ecotoxicology</td>
<td>Crop codes, test species for indicator studies</td>
<td>x</td>
<td>x</td>
<td></td>
</tr>
</tbody>
</table>
The way forward

In the non-taxonomic working area quite some work has to be done before it runs as smoothly as the taxonomic codes and code requests can be assigned properly. The ECPA Subgroup offers close collaboration to improve the process and to provide proposals for categories and definitions of non-taxonomic codes.

EPPO code should be the golden thread of organism information from first testing of a substance until market introduction of a product and the (digital) provision of farmer advice.
Thank you for your attention