



EPPO Codes to describe uses of Plant Protection Products

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The EPPO Working Party on PPP outlined the need for developing harmonized (EPPO Codes) to describe PPP uses



The main **reasons** for the development are:

- The need for harmonized definitions of declared uses of products to facilitate comparison among countries (mutual recognition and zonal assessment called for in EU Regulation 1107/2009).
- Facilitate communication and data exchange among countries (in databases, e.g. PPPAMS)
- Facilitate the work related to extrapolation of data (e.g. for efficacy evaluation of minor uses - crop & pest groups)

EPPO Panel on Harmonization of data on PPP



Panel on Harmonization of data on PPP appointed by the EPPO Working Party on PPP as the **suitable body** for the creation and maintenance of codes to describe uses of PPP ('non-taxonomic' codes) – permanent Panel

Agreed principles based on **regulatory authorities and industry perspectives on EPPO codes** :

- Groupings are intended to be **meaningful in the context of PPP** efficacy evaluation in particular, and based on demonstrated and potential usefulness for registration purposes. EU MRL classification considered where possible.
- Codes are meant to be used in the **EU 'core dossier'**, in the **GAP table** - for national registration purposes and label descriptions countries may wish to continue to use national classifications;

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- In certain cases, **lists of species** are needed to clarify and harmonise the content of groups (e.g. crop groups). In other cases (Pests, Weed, Qualifiers...) a **description** will be sufficient;
- All the EPPO Codes (taxonomic and non-taxonomic) remain in one single database (**EPPO Global Database**);
- EPPO Standard PP 1/248 *Harmonized classification and coding of the uses of plant protection products* (2006, 2014)

EPPO Standard PP 1/248

Elements recommended for characterizing a use:

- **Crops** e.g. crop groups
 - **Target** e.g. pest groups, plant growth regulation targets
 - **Non-crop objects** treated objects e.g. crop parts, fallow, vehicles, stumps...
 - **Crop destination** e.g. grown for animal consumption, for human consumption, fresh, processing...
 - **Crop location** e.g. grown in greenhouses, grown outdoors, ...
 - **Treatment**
-
- The principle that a PPP use can be described by a combination of codes e.g. Table grapes in greenhouses = VITVI + 3GREEL + 3HCOFD





EPPO Codes categories

Taxonomic groups

- Animalia
- Archaea
- Bacteria
- Chromista
- Fungi
- Plantae
- Protozoa
- Viruses and viroids

Uses of PPPs (in prep.)

- Treated objects
- Crop groups
- Crop destinations
- Crop locations
- Treatments
- Targets
- Qualifiers

Other useful groups

- Commodity groups
- Unclassified

*Non-taxonomic codes inherited from Bayer
e.g. NNNGG, BBBAN etc.*

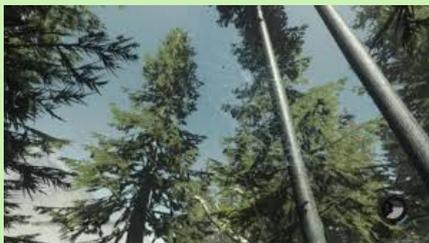
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New in 2018:

- ✓ forestry crops, ornamentals, grassland (under Crop groups)
- ✓ crop location
- ✓ weeds and PGRs (under Targets)
- ✓ treated objects (Crop parts and non-crop objects)

**Approved
by EPPO WP PPP**



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New in 2018:

The screenshot shows the EPPO Global Database website. At the top left is the EPPO logo and the text 'EPPO Global Database'. To the right is a search bar with the text 'Search by name or EPPO code...' and a 'Go!' button. Below the search bar is a link for 'advanced search...'. On the right side of the top navigation bar are 'Login' and 'Register' buttons. The main navigation bar is green and contains links for 'Home', 'Standards', 'Photos', 'Reporting Service', 'Explore by', and 'EPPO GD Desktop'. The 'Explore by' dropdown menu is open, showing options: 'Countries', 'Regional Plant Protection Organization / European Union', 'Data Sheets', 'Taxonomy explorer', and 'PPP uses classification', which is circled in red. Below the navigation bar is a section titled 'What is EPPO Global Database?' with a paragraph of text. To the right of this section is a sidebar with links: 'EPPO Codes', 'Plants and pests', 'Batch queries', and 'Newsletters'. Below the main content is a 'Current contents:' section with two bullet points. To the right is a 'Latest news' section with three news items.

What is EPPO Global Database?

EPPO Global Database is maintained by the Secretariat of the Mediterranean Plant Protection Organization (EPPO). The database is designed to provide all pest-specific information that has been provided to EPPO. The database contents are constantly being updated by the Secretariat.

Current contents:

- **Basic information for more than 82 000 species** of interest to agriculture, forestry and plant protection: plants (cultivated and wild) and pests (including pathogens and invasive alien plants). For each species: scientific names, synonyms, common names in different languages, taxonomic position, and EPPO Codes are given.
- **Detailed information for more than 1650 pest species** that are of regulatory interest (EPPO and EU listed pests, as well as pests regulated in other parts of

Latest news

- EPPO Reporting Service no. 1 is available.
- A new version of GD Desktop has been released (dated 2019-01-29)
- New world distributions are available for:
 - *Agilus bilineatus*

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New in 2018:

The screenshot shows the EPPO website interface. On the left is a navigation menu with 'Home' and 'Standards' visible. Below the menu is a section titled 'What is EPPO' and 'Current contents:'. The main content area is titled 'Crop groups (3CRGK)' and displays a hierarchical tree structure of crop categories. The tree starts with 'amenity grassland (3AMGC)' and 'arable crops (3ARAC)'. 'Arable crops' is further divided into 'beet crops (3BEEC)', 'brassica arable crops (3BRAC)', and 'cereal crops (3CERC)'. 'Brassica arable crops' includes 'mustard crops (3MUSC)', 'oilseed rape crops (3OILC)', and 'turnip rape crops (3TURC)'. 'Oilseed rape crops' is subdivided into 'rape (spring) (BRSNS)' and 'rape (winter) (BRSNW)'. 'Turnip rape crops' is subdivided into 'turnip rape (spring) (BRSSP)' and 'turnip rape (winter) (BRSSA)'. 'Cereal crops' includes 'barley crops (3BARC)', 'oat crops (3OATC)', and 'rye crops (3RYEC)'. 'Barley crops' is subdivided into 'barley (spring) (HORVS)' and 'barley (winter) (HORVW)'. 'Oat crops' is subdivided into 'oat (spring) (AVESP)' and 'oat (winter) (AVESW)'. 'Rye crops' is subdivided into 'rye (spring) (SECCS)' and 'rye (winter) (SECCW)'.

Crop groups (3CRGK)

- amenity grassland (3AMGC)
- arable crops (3ARAC)
 - beet crops (3BEEC)
 - brassica arable crops (3BRAC)
 - mustard crops (3MUSC)
 - oilseed rape crops (3OILC)
 - rape (spring) (BRSNS)
 - rape (winter) (BRSNW)
 - turnip rape crops (3TURC)
 - turnip rape (spring) (BRSSP)
 - turnip rape (winter) (BRSSA)
 - cereal crops (3CERC)
 - barley crops (3BARC)
 - barley (spring) (HORVS)
 - barley (winter) (HORVW)
 - oat crops (3OATC)
 - oat (spring) (AVESP)
 - oat (winter) (AVESW)
 - rye crops (3RYEC)
 - rye (spring) (SECCS)
 - rye (winter) (SECCW)

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New in 2018:

The image shows the header of the EPPO Global Database website. On the left is the EPPO logo and the text 'EPPO Global Database'. In the center is a search bar with the text 'Search by name or EPPO code...' and a 'Go!' button. Below the search bar is the text 'advanced search...'. On the right is a 'Login' button and a 'Register' button.

The image shows a navigation menu with three items: 'Home', 'Standards', and 'Photos'.

What is EPPO Global Database

EPPO Global Database is main Mediterranean Plant Protection to provide all pest-specific info EPPO. The database contents Secretariat.

Current contents:

- Basic information for more forestry and plant protection pathogens and invasive alien synonyms, common names EPPO Codes are given.
- Detailed information for more interest (EPPO and EU lists)

Crop locations (3CROLK)

- grown indoors (3INDRL)
- grown in field and semi-open structures (3FIEDL)
 - grown in high net shelters (3HNSHL)
 - grown in high plastic shelters (3HPSHL)
 - grown in low net shelters (3LNSHL)
 - grown in low net tunnels (3LNTUL)
 - grown in low plastic shelters (3LPSHL)
 - grown in low plastic tunnels (3LPTUL)
 - grown in shade houses (3SHADL)
 - grown outdoors (3OUTDL)
- grown in greenhouses (3GREEL)

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Last meeting: Paris, 2018-03-05/07

Milano, 2019-02-20

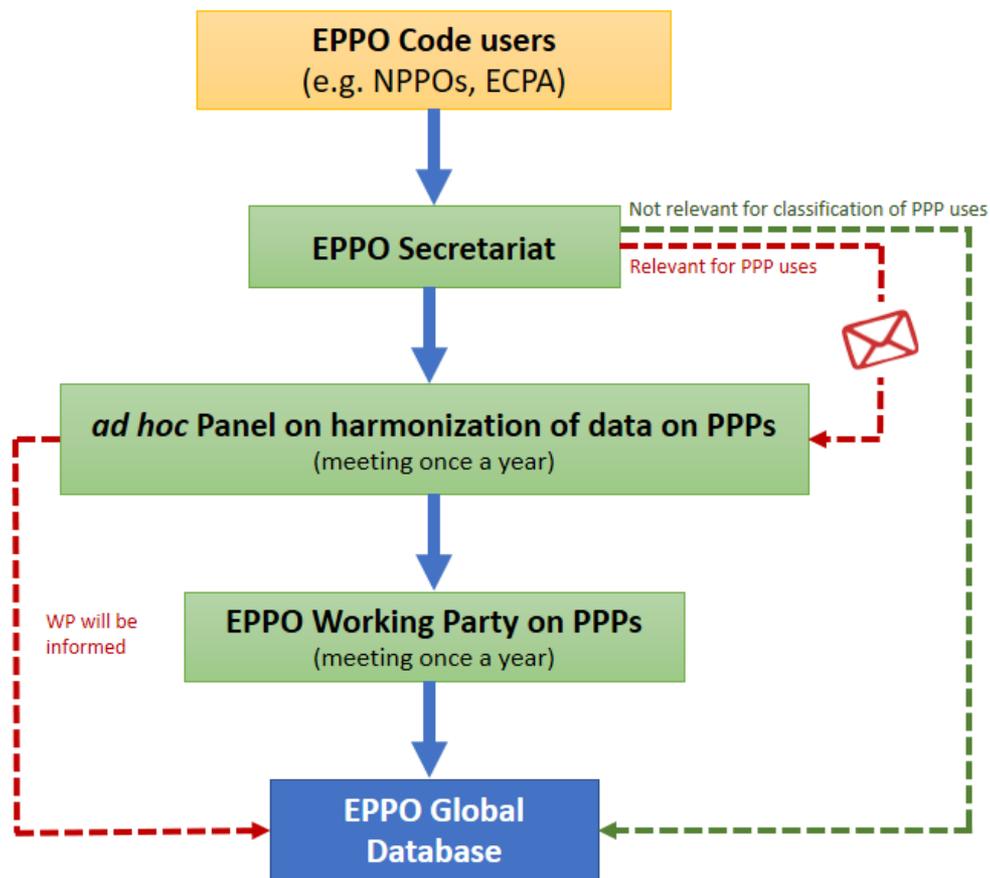
Next steps? ... the Panel is close to finalization of the classification to describe PPP uses:

- Crop groups
- Crop destination
- Crop location
- Treated objects
- Targets: Weeds, PGRs agreed - *are insect pest / disease group really needed in addition to existing taxonomic classification?*
- Treatments: application methods, treatment equipment *still under discussion*



REVISION OF EPPO Standard PP 1/248

Fast track procedure for adoption of EPPO non-taxonomic codes



- current procedure for non-taxonomic codes
- fast track procedure (code not for classification of PPP uses)
- fast track procedure (code for classification of PPP uses)

Thank you for your attention

<https://gd.eppo.int>

