The use of EPPO codes by DEPA

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Integration to EPPO global

- We use the SQL database with logShipping for updating
- The full EPPO data is imported into our application - we save all data
- The update of our application is done by a daily hangfire job via the logshipping
- The EPPO data is selected on the individual PPPs
- The xml-files for PPPAMS accordingly to the XSD-scheme have not yet been developed.
EPPO data in the national Danish database

- The imported data is depicted in the imported tree structure given by EPPO (Parent/child relations).
- The users of the application can search for a specific code using EPPO code, scientific name or Danish name if this is added in the EPPO global database.
EPPO data in the national Danish database

- EPPO data registration on Danish PPP’s registration is ongoing
- We register one to many pest per crop.
- Our application suggest EPPO-codes via ”type ahead”
- We are planning a functionality to copy pests from one crop to the next.
technical description SQL dump and logshipping

- October 9th 2017: first database incorporated through a SQL dump

- Structure from SQL (ID is primary key)

- Data is downloaded into National database
  - Data is available even if EPPO is offline.
  - Data is always updated but we have the history of the changes and registrations.

- Updates from logshipping (codes are the primary key)

- Internal control of the ID’s IDs should be in consecutive order, otherwise the transfer will stop.

  - Logshipping error in December:
    - `<action logid="225716" table="NAMES" type="U" date="2017-12-19 10:38"> <key name="idname" type="int">329922</key> <field name="preferred" type="bool">false</field> </action>`
Problems with data quality / difficulties with the integration

- So many options of integrations
- Differences between the logshipping and the SQL dump.
- Data is presented in linked tables, Links can be altered or deleted.
- EPPO codes are not related.
- No structure on what is primary key
- RestAPI appears to contain different data than the SQL
- EPPO global needs to insure the data quality and support of the data.
The future with EPPO registrations at DEPA an EU – commodity groups

The new PPP-codes solve some problems and create some new issues:

• By using commodity groups and unclassified codes the gain of the EPPO structure is lost.

• 2FRUIT is PYUCO but PYUCO is not 2FRUIT – you can’t find PYUCO from 2FRUIT

• MS that already have developed systems need to change their systems to incorporate the new codes.
The future with EPPO registrations at DEPA an EU – commodity groups

MS needs to insure uniform registrations throughout the EU
• How to register the use of a PPP where one or more EPPO codes are missing?
• PPPAMS needs to include MS in requirements for registrations

MS and EPPO global needs to insure that the dataset gets as complete as possible

PPP general issue: Harmonization is needed with the crop codes used for MRL
Thank you for your attention!

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