

Technical Working Party for Vegetables**TWV/52/16****Fifty-Second Session****Original:** English**Beijing, China, September 17 to 21, 2018****Date:** September 12, 2018

EUROPEAN UNION DATABASES*Document prepared by an expert from the European Union**Disclaimer: this document does not represent UPOV policies or guidance*

The annex to this document contains a copy of a presentation on databases in the European Union by an expert from the European Union, to be made at the fifty-second session of the Technical Working Party for Vegetables (TWV).

[Annex follows]



Database in EU

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Celine Morineau - CPVO

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Potato III database, 2016-2018

- **Objectives:** Construction of a European potato database with varieties of common knowledge and its implementation in the potato DUS testing system
- Follow-up of two previous R&D projects in 2006-2008 and 2014-2015
- Project coordinated by the **Bundessortenamt (DE)**
+ 9 entrusted examination offices (EOs) for potato: Naktuinbouw (NL), SASA (UK), Coforu (PL), OEVV (ES), DAF (IE), AGES (AT), UKZUZ (CZ), UKSUP (SK)
+ the European Seed Association (ESA).
- The database contains:
 - administrative data morphological characteristics, molecular data and light sprout pictures.
 - molecular profiling. The molecular database will be supplemented with varieties of the EU common catalogue in order to achieve a complete database.
 - The database used is GEMMA, which had to be adapted to suit the requirements requested by the examination offices.



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Melon Database (Ongoing project from 2018)

- Objectives:

Set up of a database with original descriptions and photos of melon varieties stored within all of the CPVO's entrusted examination offices for melon.

- Project coordinated by Naktuinbouw (NL), with the project partners GEVES (FR), INIA/OEVV (ES), UKSUP (SK) and DGAV (PT).
- Advantage : Support the sharing of information on reference varieties for the setting of melon DUS trials.



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Drawing: www.illustrations.com and kamanahmed.com

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Maize Databases (Proposal)

- Situation in 2017

WESTERN Maize DB
(2003, partners ES, FR, DE)

Composed of ~ 12000 varieties?
variety descriptions of parental lines
national administrative data of each variety

CONTINENTAL Maize DB
(2013, partners CZ, HU, SK)

Composed of ~ 7000 varieties?
variety descriptions of parental lines + hybrids
national administrative data of each variety
Keep seeds of natl. var. only for reference coll.



- CPVO proposal :

- Set up of an interface to exchange administrative information (lines application status, denominations) between the two Maize DB.
- Involve the newly entrusted EOs for maize: Italy, Poland, Croatia (in the pipeline)
- Follow up in septembre 2018



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