Technical Working Party for Vegetables

Fifty-Fifth Session Antalya, Turkey, May 3 to 7, 2021 TWV/55/7

Original: English

Date: March 31, 2021

MANAGEMENT OF THE REFERENCE COLLECTION - EUROPEAN UNION MELON DATABASE

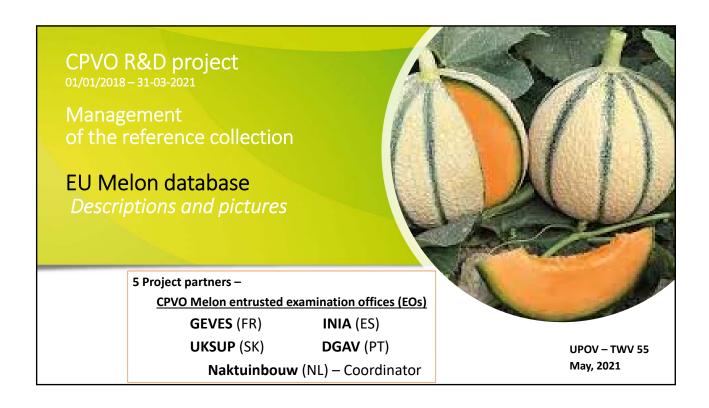
Document prepared by an expert from France

Disclaimer: this document does not represent UPOV policies or guidance

The annex to this document contains a copy of a presentation "Management of the reference collection – European Union Melon database", to be made by an expert from the France, at the fifty fifth session of the Technical Working Party for Vegetables (TWV).

[Annex follows]

ANNEX

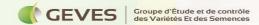


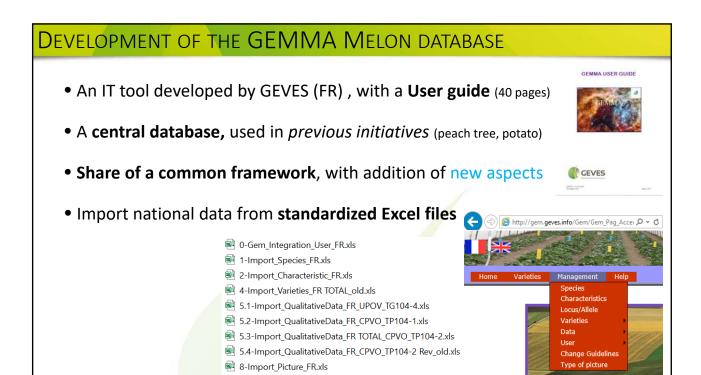
BACKGROUND

- High number of candidate varieties annually
- Responsibility of the EOs to maintain the reference collection
 - including all varieties of common knowledge, suitable to grow in the relevant climate
 - belonging to the varietal group of the applications

Time consuming and Skilled and well trained experts

- The same goal
 - Increase the quality of the DUS decisions and strenghthening the NLI and PBR systems
 - Decrease the risk to miss similar varieties





MELON DESCRIPTIONS DATA BASE FOR A PANEL OF USE...

Applicant's descriptions, Official descriptions and/ or Working descriptions

FROM and FOR

Entrusted examination offices by CPVO (ES, FR, NL, PT, SK, and IT soon...)

Annually fed, updated and potentially upgraded

At a national or EU level

• Allowing consultations, sorts and exports.

For DUS tests, in a NLI or PBR framework

- Original descriptions remain the **ownership** the initial provider.
- **Uses restricted** to the Partners of the project, no access to 3rd party.

Administrative data associated with a *Variety*

- National Unique ID / Denomination / Breeder reference / Synonym
- Year of application/ ... registration/ ... protection/ ... end of listing
- Breeder name / Maintainer name
- Present application status: Application/ Registered/ Surrendered/ Withdrawn...
- Comments on variety / Phenotypical remarks
- Level access: Administrators (/ Users/ Public*)
- Dissemination framework: EU Var. list/ EU conservation.../Not EU var. .../ ...
- Method of reproduction and maintenance: Seed propagation, F1/ Seed..., OP/ Seed ..., self pollinated/.../ Vegetative propagation

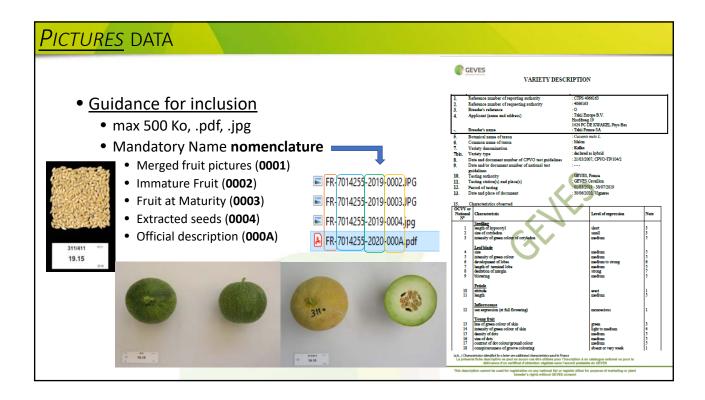
* Option not chosen in GEMMA melon data base

NEW in the GEMMA framework

Morphological data Qualitative data (Notes)

- Official protocols
 - UPOV TG 104-4 / CPVO TP 104-1/ CPVO TP 104-2/ CPVO TP 104-2 Rev.
 - ➤ With all the respective characteristics and levels of expression
 - Possibility to generate all the previous descriptions into the latest official format, for the char. / levels of expression which are compatible.





EXPERIENCES WITH THE DATA BASE During the project • Necessity of **practical experiences** of the GEMMA functionnalities. A detailled and illustrated user guide • Two training sessions (Teams meetings: Nov. 23, 2020, Feb. 16, 2021) Exchanges between partners and individual supports provided by GEVES IT Number of varieties in database according to the partner - March 25, 2021 SK: 154: 5% Respective involvement of the parnters ES; 584; 17% • Number of included varieties whatever their status PT; 189; 6% (Application, Registered, Surrendered, Expired, Rejected, Withdrawn) FR; 1334; 40% Difficulties and IT improvement not yet achived NL: 1052: 32% • End of Adobe Flash Player software(Jan 2021). • IT developments to perform to allow the import of pictures • To enlarge the size of the working screen

PARTNERSHIP AGREEMENT On the cooperation of a central EU Melon database

• Signed by all the partners (March 31, 2021)

With its 3 annexes

- Annex 1: Contribution of data
- Annex 2: Licence Agreement on GEMMA website and database (valid after March 2021), Annual fees: 312€/year/species
- Annex 3: Confidentiality of data
- Validation of the General Assembly
 - once a year, if possible in February
 - With the named Representatives, and/or Deputies per partner
 - A coordinator chosen for a 3 years term: NL (2018 2020), FR (2021 2023)

FOLLOW UP - DRAFT AGENDA OF THE NEXT GENERAL ASSEMBLY

- Annual updating
 - Administrative data
 - Technichal data (descriptions, pictures)
- Identification and validation of Unique GEMMA IDs
 - The « same » variety, with several Official/ working descriptions
- Definition and attribution of varietal culti-groups based on fruit types
 - Characteristics/ levels of expression allowing the definition of a fruit group
 - Validation of the wording
- Future prospects, discussion around potential...
 - new characters (disease resistance, ...)
 - · assessement and / or management methods



[End of Annex and of document]