


Technical Working Party for Agricultural Crops**TWA/49/4****Forty-Ninth Session
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PLAVARLIS PROJECT - UPOV CODES*Document prepared by the Office of the Union**Disclaimer: this document does not represent UPOV policies or guidance*

The annex to this document contains a copy of a presentation “Plavarlis project - UPOV codes”, prepared by an expert from the European Union, to be considered by the forty-ninth session of the Technical Working Party for Agricultural Crops (TWA).

[Annex follows]



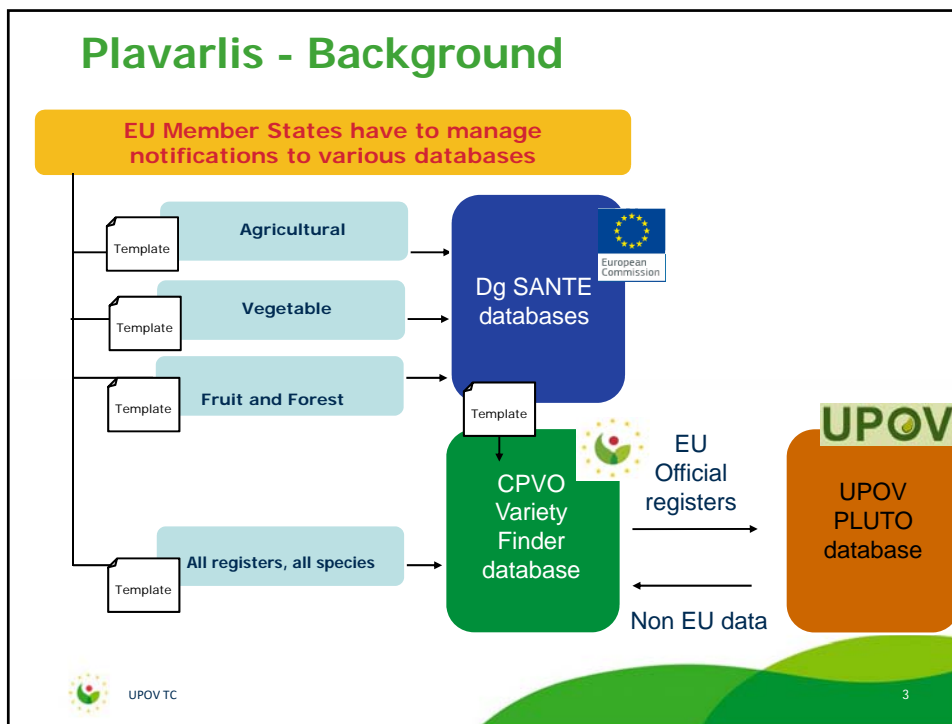
Plavarlis project
UPOV codes
(TWA/49)

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Plavarlis

Legal context

- **Rules for marketing** of plant varieties in the EU
 - Specific EU legislation (Directives)
 - Agricultural plant species
 - Vegetable plant species
 - Fruit and forest
- Eu regulated species lists
- Member States have to notify information to several EU databases
 - **PLAVARLIS platform for EU contributions**



Plavarlis

Purpose : PLAVARLIS platform for EU contributions

- 1 format for EU Member States to notify information to :
 - DG Sante Common Catalogue database
 - CPVO Variety Finder
- DG Sante and CPVO needs analysed in details

System based on the UPOV Code : all EU regulated species should have a corresponding UPOV principal botanical name and UPOV code

The slide contains the UPOV TC logo in the bottom left and a page number '4' in the bottom right.

Plavarlis

On going analysis DG SANTE - CPVO

Format, content of the format of the future datasubmission

1. Variety status
2. Compulsory fields for DG Sante (official Journal publication)
3. Register types of interest (NLI, National Listing – PBR, plant breeders's rights ...)
4. Technical information required for the Common Catalogue
5. **Codification of EU regulated Species with the UPOV code**

Next steps : Survey and meeting of the working group



Upov code



UPOV code

The UPOV Code is composed of 1 to 3 elements

- Genus name with an alphabetical element of 5 letters
- Second part identifying the species name with an alphabetical element of 3 letters
- Third part sub-specific unit

UPOV CODE	BOTANICAL NAMES	ENGLISH
TRITI_TUR_DUR	<i>Triticum durum</i> Desf. <i>Triticum turgidum</i> L. subsp. <i>durum</i> (Desf.) Husn.; <i>Triticum turgidum</i> ssp. <i>turgidum conv durum</i>	Durum Wheat; Hard Wheat; Macaroni Wheat
TRITI_AES_SPE	<i>Triticum aestivum</i> L. subsp. <i>spelta</i> (L.) Thell. <i>Triticum spelta</i>	Spelt; dinkel wheat, hulled wheat, spelt, spelt wheat



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UPOV code

- Allows the assessment of new variety denominations
- UPOV Codes : [link to the UPOV class](#)
 - *Beta vulgaris* L. – sugar beet (BETAA_VUL_GVS *Beta vulgaris* L. ssp. *vulgaris* var. *saccharifera* Alef)
 - *Beta vulgaris* L. – fodder beet (BETAA_VUL_GVA *Beta vulgaris* L. ssp. *vulgaris* var. *alba* DC)



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UPOV code

- Ease the data exchange
- Harmonise information with the **UPOV principal botanical names in databases** :
 1. PLUTO
 2. CPVO Variety Finder
 3. EU DG sante database
 4. National databases
- Address the situation of synonyms in botany in UPOV GENIE database
- Allows managing reference collection, used for variety testing
- Allows accurate searches and results



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UPOV Code

On going discussions on EU regulated species - Issues with groupings in the marketing directive which differ from the botany grouping

Examples :

N° 97 - Hordeum vulgare – Barley

N° 97,1 - Hordeum vulgare – 2 row barley

N° 9,2 - Hordeum vulgare – 6 row barley



Upov code = HORDE_VUL
Principal botanical name
Hordeum vulgare L.

Seveal options under assessment for each EU regulated species:

1. Possibility to extend the UPOV code
2. Creation of a PLAVARLIS code (**not ideal**)
3. Management of grouping characteristics with a separate field



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UPOV Code

GENUS_SPE_ZZ1



further element of up to three characters (e.g. ZZ1) indicating a sub-specific unit ("sub-species element") (*Guide to the UPOV Code system*)

- Address the situation of 'subspecies', 'var' or 'convar' in botany
- ⇒ Could be used for the purpose to provide useful information on variety groups or types for DUS testing purposes

Eg situation where depending on varieties, several UPOV guidelines apply for one species (Leaf Chicory / Witloof Chicory / Industrial Chicory)



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UPOV Code

- A few considerations
 - ⇒ Should this grouping be limited to qualitative characteristics?
- ⇒ Should there be only one level of grouping for a given species?

HORDE_VUL_TWW

HORDE_VUL_SIX

HORDE_VUL_TWW

HORDE_VUL_TWS

TW = two row, W/S = Winter / Spring



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UPOV Code

- A few considerations

⇒ If this system is in place, what would be the meaning of the UPOV code with the grouping element missing ?

HORDE_VUL

- information about grouping not available? (eg old variety)
- A variety could belong to two groups? (eg Winter / Spring, depending on countries)



UPOV Code

- A few considerations

⇒ Various purposes of the UPOV code to be kept in mind

- Analysis of denominations, UPOV classes
- Use of the UPOV code by other relevant organisations
- use of UPOV code in other databases relevant for UPOV members

⇒ Depending on the situation, information on variety grouping could be provided by other tools



Thank you for your attention



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