

Technical Working Party for Vegetables**TWV/52/15****Fifty-Second Session****Original:** English**Beijing, China, September 17 to 21, 2018****Date:** September 12, 2018

PRESENTATION ON THE USE OF MOLECULAR TECHNIQUES IN DUS EXAMINATION*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 on “CPVO Report on IMODDUS” 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]



CPVO Report on IMODDUS

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Celine Morineau - CPVO

Background

CPVO **IMODDUS** stands for Integration of **MO**lecular **D**ata into **DUS** testing.

- The CPVO Administrative Council adopted a R&D Strategy for the period 2015-2020
- The strategy includes the set up of a CPVO BMT working group for the promotion of the use of bio-molecular techniques in DUS testing and variety identification.
- IMODDUS has a **practical approach** which aims to assist the CPVO identifying and assessing R&D project proposals for species where BMT could improve the cost efficiency of DUS testing

IMODDUS projects



Apple

"Developing molecular markers allowing the distinction of apple mutants (sports)" (in progress)

Durum wheat

"Integration of molecular data into DUS testing in Durum wheat" (in progress)

Oilseed rape

"Test of the potential use of SNP markers on oilseed rape varieties"
(Pre-project done, follow up in progress)



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IMODDUS projects



Tomato

"The creation of a joint EU database with DNA data"

- Has been considered by the VEM in September 2017.
- Remaining question will be solved within written procedure.
- Substantial comments have been made by some experts
- A revised proposal is expected in the course of 2018



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