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| International Union for the Protection of New Varieties of Plants |  |

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| Working Group on Biochemical and Molecular Techniques and DNA-Profiling in ParticularSeventeenth SessionMontevideo, Uruguay, September 10 to 13, 2018 | BMT/17/1 Rev.2Original: EnglishDate: September 7, 2018 |

Revised Draft Agenda

prepared by the Office the Union

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 Opening of the session

 Adoption of the agenda

 Preparatory information (document BMT/17/4)

 Report on developments in UPOV concerning biochemical and molecular techniques (document BMT/17/2)

 Short presentations on new developments in biochemical and molecular techniques by DUS experts, biochemical and molecular specialists, plant breeders and relevant international organizations (oral reports by participants and documents BMT/17/23 and BMT/17/24)

 Report of work on molecular techniques in relation to DUS examination

(a) Test of the potential use of SNPs markers on oilseed rape varieties (document BMT/17/8)

(b) Use of Molecular Marker Techniques in DUS Testing and Enforcement of Breeder’s Right in the Republic of Korea (document BMT/17/14)

(c) Do resistance markers for tomato fulfil the requirements of TGP/15? (document BMT/17/21)

(d) Use of SNP markers for soybean variety protection purposes in Argentina (document BMT/17/22)

(e) The United States Molecular Marker Working Group: Background for the use of DNA markers in DUS (document BMT/17/17)

(f) Use of DNA-Based Markers in Testing for Distinctness, Uniformity and Stability (DUS) and Enforcement of Plant Breeders Rights (PBR) (document BMT/17/20)

 Revision of document TGP/15 “Guidance on the Use of Biochemical and Molecular Markers in the Examination of Distinctness, Uniformity and Stability (DUS)” (documents BMT/17/7 and TGP/15/2 Draft 1)

 Cooperation between international organizations (document BMT/17/3)

- DNA-based methods for variety testing: ISTA approach (document BMT/17/6)

 Variety description databases including databases containing molecular data

(a) Construction of a European Potato database with varieties of common knowledge and its implementation in the potato DUS testing system

- Part I: Construction, maintenance and use of the common database (document BMT/17/11)

- Part II: Generation of molecular data (document BMT/17/12)

(b) A DNA database for Rose: Development and validation of a SNP marker set (document BMT/17/15)

 Review of document UPOV/INF/17 “Guidelines for DNA-Profiling: Molecular Marker Selection and Database Construction (‘BMT Guidelines’)” (documents BMT/17/10 and UPOV/INF/17/2 Draft 1)

 The use of molecular techniques in examining essential derivation[[1]](#footnote-2)\*

- Do new breeding techniques lead to Essentially Derived Varieties? (document BMT/17/9)

 The use of molecular techniques in variety identification\*

(a) Implementation of SNP markers to identify soybean varieties commercialized in Uruguay (document BMT/17/13)

(b) Corn Hybrid parental identification: The Use of Hybrid Monomorphic Profile compared to Pericarp Genotyping (document BMT/17/16)

(c) Variety identification in soybeans using SNPs (document BMT/17/18)

(d) Presentation of a set of 11 SNPs capable of discriminating 80 soybean varieties from a reference collection (document BMT/17/19)

 Session to facilitate cooperation (document BMT/17/5)

 Date and place of next session

 Future program

 Report of the session (if time permits)

 Closing of the session

[End of document]

1. \* Breeders’ Day: September 12, 2018. [↑](#footnote-ref-2)