



BMT/11/1 Rev.2

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INTERNATIONAL UNION FOR THE PROTECTION OF NEW VARIETIES OF PLANTS
GENEVA

**WORKING GROUP ON BIOCHEMICAL AND MOLECULAR
TECHNIQUES AND DNA PROFILING IN PARTICULAR**

Eleventh Session
Madrid, September 16 to 18, 2008

REVISED DRAFT AGENDA

prepared by the Office of the Union

1. Opening of the session
2. Adoption of the agenda
3. Report on developments in UPOV concerning biochemical and molecular techniques (document BMT/11/2)
4. Reports on the work of the *Ad Hoc* Crop Subgroups on Molecular Techniques (“Crop Subgroups”) (oral reports by the Chairpersons of the Crop Subgroups)
5. Short presentations on new developments in biochemical and molecular techniques by DUS experts, biochemical and molecular specialists, and plant breeders (oral reports by participants)
6. Report of work on molecular techniques on a crop-by-crop basis
 - (a) vegetatively propagated crops:

Use of a Microsatellite-Based System for the Construction of a Reference Collection in Grapevine (document BMT/11/8)

Construction of an Integrated Microsatellite and Key Morphological Characteristic Database of Potato Varieties on the EU Common Catalogue

Part 1: Discussion of Morphological and Molecular Data

(document BMT/11/9 Rev.)

Part 2: The Database (document BMT/11/10 Rev.)

Molecular Techniques for Eucalyptus in Brazil (document BMT/11/27)

(b) self-pollinated crops

Development and Evaluation of Molecular Markers Linked to Disease Resistance Genes for Tomato DUS Testing (Option 1(a)) (document BMT/11/6)

Functional SNP Markers for the Vernalization Requirements in Barley: An Option 1 Approach (document BMT/11/17)

Combining Molecular Distances to Morphological Characteristics for the Management of Field Comparisons in Spring Barley (document BMT/11/21)

(c) crops with varieties of different propagation types

A Research Project Co-Financed by CPVO: "Management of Winter Oilseed Rape Reference Collections" (document BMT/11/11)

7. Guidelines for DNA-Profiling: Molecular Marker Selection and Database Construction "BMT Guidelines" (documents BMT/11/3 and BMT Guidelines (proj.12))

8. International guidelines on molecular methodologies (documents BMT/11/4)

ISO TC34SC16 (document BMT/11/25)

Codex Work on DNA based methodology (document BMT/11/26)

9. Practical exercise in the development of an exchangeable database of molecular data of plant varieties (document BMT/11/5)

10. Statistical methods for data produced by biochemical and molecular techniques

11*. The use of molecular techniques in examining essential derivation:

Concepts of Dependence and Essential Derivation. The Possible Use of DNA Markers (document BMT/11/24)

Essentially Derived Varieties (EDV) in the Area of Asexually Reproduced Ornamental and Fruit Varieties (document BMT/11/22)

* to be discussed on Tuesday, September 16, 2008

The use of molecular techniques when infringements of PBR or essential derivation is suspected (BMT/11/28)

Comparing Wheat Varieties with their Offspring by Molecular Markers (document BMT/11/7)

The Assessment of Essential Derivation in Grapevine (document BMT/11/16)

Putting the EDV Concept Into Practice for Maize: SSRs Today and SNPs Tomorrow? (document BMT/11/18 Rev.)

12*. The use of molecular techniques in variety identification

The Spanish Experience (GESLIVE-IRTA) on the Enforcement of Plant Variety Rights: DNA-Fingerprinting:

Part 1 (document BMT/11/12)

Part 2 (document BMT/11/13)

Development of SSR Markers and Their Application for Identification in Rose (document BMT/11/14)

Identification System for Soybean Based on the Most Frequent SSR Alleles (document BMT/11/19)

Comparative Genomic Hybridization for Identifying Mutation Varieties (document BMT/11/23)

Preparation of Guideline for Method Validation of DNA Identification for the Enforcement of Plant Breeder's Rights in Japan (document BMT/11/15)

A Practical Example of the Possible Use of Molecular Techniques in Variety Identification (document BMT/11/20)

13. Recommendations on the establishment of new crop specific subgroups

14. Date and place of next session

15. Future program

16. Report of the session (if time permits)

17. Closing of the session

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