

**Working Group on Biochemical and Molecular Techniques
and DNA-Profiling in Particular**
BMT/18/1 Rev.
**Eighteenth Session
Hangzhou, China, October 16 to 18, 2019**
**Original: English
Date: October 9, 2019**
REVISED DRAFT AGENDA

prepared by the Office of the Union

Disclaimer: this document does not represent UPOV policies or guidance

1. Opening of the session
2. Adoption of the agenda (document BMT/18/1 Rev.)
3. Reports on developments in UPOV concerning biochemical and molecular techniques¹ (document BMT/18/2)
4. 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)
5. Report of work on molecular techniques in relation to DUS examination
 - (a) Facilitating Distinctness, Uniformity and Stability Testing of Soybean Varieties: Development and Validation of Molecular Marker and Variety Sampling Methodologies (document BMT/18/8)
 - (b) Facilitating Distinctness, Uniformity and Stability Testing of Soybean Varieties: Establishing Criteria for the use of Single Nucleotide Polymorphism data (document BMT/18/9)
 - (c) Next generation variety testing for improved cropping on European farmland (InnoVar) (document BMT/18/12)
 - (d) CPVO report on IMODDUS: latest developments (INVITE) and update on R&D projects (document BMT/18/14)
 - (e) A simple SSR based identification system for sweet potato (document BMT/18/16)
 - (f) Use of molecular markers for protection and varietal identification: state of the art in Argentina (document BMT/18/17)
 - (g) What information is essential for “character-specific molecular markers” in Test Guidelines (document BMT/18/18)
6. Cooperation between international organizations (document BMT/18/4)
 - (a) Horizontal methods for molecular biomarker analysis (document BMT/18/13)
 - (b) OECD Seed Scheme: an international seed varietal certification system (document BMT/18/20)
 - (c) International Seed Testing Association (document BMT/18/3)

¹ The Technical Committee, at its fifty-fourth session, agreed that these agenda items should be considered on Wednesday, October 16, 2019.

7. Variety description databases including databases containing molecular data¹
 - Advances in the construction and application of DNA fingerprint database in maize (document BMT/18/6)
8. Management of databases and exchange of data and material¹
9. Methods for analysis of molecular data¹
10. Report on developments of a software tool for marker selection using the traveling salesman algorithm (document BMT/18/11)¹
11. The use of molecular techniques in examining essential derivation²
12. The use of molecular techniques in variety identification²
 - (a) Applications of MNP marker in plant varieties protection (document BMT/18/15)
 - (b) Association Analysis of SSR Markers and Agronomic Traits in Soybean (document BMT/18/19)
13. Review of document UPOV/INF/17 “Guidelines for DNA-Profiling: Molecular Marker Selection and Database Construction”¹ (documents BMT/18/10 and UPOV/INF/17/2 Draft 2)
14. Revision of document TGP/15 “Guidance on the Use of Biochemical and Molecular Markers in the Examination of Distinctness, Uniformity and Stability (DUS)” (document BMT/18/7)
15. Session to facilitate cooperation (document BMT/18/5)
16. Date and place of next session
17. Future program
18. Report of the session (if time permits)
19. Closing of the session

[End of document]

² Breeder's Day: October 17, 2019.