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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**

Sixth Session
Angers, France, March 1 to 3, 2000

DRAFT AGENDA

prepared by the Office of the Union

1. Opening of the Session
2. Adoption of the agenda (this document)
3. Short presentation of biochemical and molecular techniques: new techniques, advantages and limitations of various techniques (this item could be illustrated with experimental data obtained in different species)
4. Assessment of variability within varieties and between varieties, in particular, uniformity and stability in molecular markers
5. Construction and standardization of databases of DNA profiles of varieties
6. Statistical methods (this item could be illustrated with experimental data obtained in different species)
 - (a) Confidence intervals and improvement of precision of distance estimates
 - (b) Graphic representation of genetic distances
 - (c) Comparison of genetic distances with phenotypic distances

- (d) Combination of information from diverse data types (AFLP, SSR, morphological data, etc.)
- 7. Possibilities and consequences of the introduction of DNA profiling methods for DUS testing
- 8. Position of the breeders vis-à-vis DNA profiling
- 9. The use of DNA-profiling as a possible tool for prescreening in DUS testing
- 10. The use of DNA profiling methods by expert witnesses in disputes on essential derivation
- 11. Future program, date and place of the next session
- 12. Closing of the session

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