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INTERNATIONAL UNION FOR THE PROTECTION OF NEW VARIETIES OF PLANTS

GENEVA

TECHNICAL WORKING PARTY ON AUTOMATION AND COMPUTER PROGRAMS

Fourteenth Session
Hanover, Germany, June 4 to 6, 1996

DRAFT AGENDA

prepared by the Office of the Union

1. Opening of the session

2. Adoption of the agenda (this document)

3. Report on subjects of special interest to the Working Party raised during the thirty-second session of the Technical Committee and on questions raised by other Technical Working Parties

4. Report on new developments in member States (oral reports)

5. Handling of visually-assessed characteristics

   – Possibilities of using biometry to help in the establishment of guidelines with respect to visually-assessed characteristics (DE to prepare a paper on an agricultural species for which the Test Guidelines are under revision)

   – Review of different methods helpful in taking decisions on visually-assessed characteristics (NL to prepare a paper)

– Application of the Generalized Linear Model (GLM) to an example of a visually-assessed characteristic (NL to prepare a paper in contact with DK)

– Application of document TWC/11/16 to an example of visually-assessed characteristics (DK to prepare a paper in contact with NL)

6. Testing of uniformity

– Fluctuation of the population standard from year to year in self-fertilized crops (DE to prepare a paper on the basis of data from past years)

– Statistical models for the population standard (NL to prepare a paper)

– View of crop experts on the variation or non-variation of the population standard from year to year (FR to prepare a questionnaire for crop experts in cross-fertilized crops)

– Tools that may help in finding the right population standard and decision rule for different sample sizes (ES to prepare a paper)

– Guide to help in finding the right method to be used (FR to draft a paper on the basis of the summary of decisions of the Technical Committee on COYD, COYU and on document TWC/11/16) (TC/30/4, TWC/11/16)

– Difference of application of binomial distribution and hypergeometric distribution (DK to prepare a paper)

– Application of the four methods discussed for the checking of uniformity to other sets of data (DK and UK to process data and produce a paper)

– Elements on the definition of uniformity from different points of view; national laws, UPOV Convention, crop experts, statistics (CZ to prepare a paper)

– Recommendations for low sample sizes when checked for off-types (FR + UK + DE + NL to list and explore possibilities and prepare a paper; proposed coordination by the Chairman, NL)

7. Sequential analysis (TC/32/6)

8. Image analysis (stage of EU project, TWO/28/13)

9. Detection of outliers by multivariate analysis to the validation of data (GB to prepare a paper with further results)

10. Improvement of communication

– Improvement of statistical documents (GB to rewrite the COYD method, DK to rewrite document TWC/11/16 and to enlarge it to cover more than one test)

– Telecommunications, exchangeable software and contacts (TWC/13/11, TWC/13/12, TWC/13/13; GB to receive updated information and to prepare updated versions)

– List of statistical documents prepared by the TWC (TWC/13/2 Rev; FR to prepare an updated list)

– Glossary of definitions (as a starting point all experts preparing documents for the next session to prepare, at the end of their document, a definition of the terms used in the document)

– Results of the run of the COYD program distributed on diskette during the TWC session to check whether national implementations are in concordance with the latest version of DUST

11. Items resulting from the last session of the BMT

– Use of dendrograms (DE, NL, GB to prepare a working paper)

– AMOVA (FR, GB to prepare a working paper)

– Statistical methods to distinguish varieties with data resulting from biochemical or molecular techniques (GB, NL to prepare a working paper)

12. Future program, date and place of next session

13. Closing of the session

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