UPOV

INTERNATIONAL UNION FOR THE PROTECTION OF NEW VARIETIES OF PLANTS

GENEVA

WORKSHOP ON DATA HANDLING

organized by
the International Union for the Protection of
New Varieties of Plants (UPOV)

and
the State Commission of Ukraine for Testing and Protection
of Plant Varieties

Kyiv, June 9 and 10, 2000

PROGRAM

prepared by the Office of the Union

Friday, June 9

9.00   Welcome and Introduction

9.30-10.30   **Topic 1:**
                Design and layout of an experiment   **Ms. Julia Borys**
                - Choice and location of fields   Head of DUS Testing
                - Number, size and layout of plots   Department, Research Centre
                - Number and layout of plants per   for Cultivar Testing,
                  plot   COBORU,
                - Practical (agricultural) aspects   Slupia Wielka, Poland
                - Statistical aspects

10.30-10.45   Coffee

10.45-11.30   **Topic 2:**
                Recording the characteristics   **Ms. Beate Rücker**
                - What to measure   Bundessortenamt, Hannover,
                - How to measure   Germany
                - How exactly to measure
                - How to record visually accessed
                  characteristics

11.30-12.15   **Topic 3:**
                Data validation   **Mr. Erik A. Lawaetz**
                - What to look for   Department of Variety
                - How to do it (graphical methods,   Testing, Danish Institute of
                  revisit in the field)   Agricultural Sciences,
                                                              Denmark

12.15-13.30   Lunch

13.30-14.15   **Topic 4:**
                Methods to be aware about when storing   **Mr. Uwe Meyer**
                data   Bundessortenamt, Hannover,
                - Computer aspects: databases,   Germany
                  backups
                - Identification of data
                - Types of data: coding, missing
                  values, different types of characters

14.15-15.15	**Topic 5:** Identifying similar varieties • measures for different types of characters • measures for multidimensional objects	**Mr. Wieslaw Pilarczyk** Research Centre for Cultivar Testing, COBORU, Slupia Wielka, Poland
15.15-15.30	Coffee	
15.30-16.30	**Topic 6:** Statistical methods for distinctness tests • COY-D, which is the UPOV recommended method for (measured) characteristics with intra-varietal variation • Other methods (e.g. 2 times 1% - incl. drawbacks)	**Mr. John Law** National Institute of Agricultural Botany (NIAB), Cambridge, England
16.30-17.30	**Topic 7:** Statistical methods for uniformity tests • COY-U, which is the UPOV recommended method for (measured) characteristics with intra-varietal variation • Other methods (e.g. check of off-types)	**Mr. Sylvain Grégoire** GEVES, La Minière, France
18.00	Reception	

Saturday June 10

9.00-9.30	**Topic 8:** Available software for performing the tests An overview of some systems used in member-countries	**Ms. Sally Watson** Biometrics Division, Department of Agriculture and Rural Development, Belfast, Northern Ireland
9.30-9.45	Coffee	
9.45-16.00	**Topic 9:** How to run the DUST software • Identification of data (trials, years, varieties, blocks, plots, plants and characteristics) • Types of files • Naming of files and directories • Capabilities • Practical training	**Ms. Sally Watson** and **Mr. Adrian Roberts** Biomathematics and Statistics Scotland, University of Edinburgh, Scotland

Please note that some changes in the program may occur. The latest version of the programme may be found at the following URL:
http://www.jbs.agrsci.dk/~kmk/WorkshopKiew.htm

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