

TC-EDC/Jan13/16 ORIGINAL: English DATE: December 14, 2012

#### INTERNATIONAL UNION FOR THE PROTECTION OF NEW VARIETIES OF PLANTS Geneva

#### **ENLARGED EDITORIAL COMMITTEE**

#### Geneva, January 9 and 10, 2013

REVISION OF DOCUMENT TGP/8: PART II: TECHNIQUES USED IN DUS EXAMINATION, NEW SECTION: DATA PROCESSING FOR THE ASSESSMENT OF DISTINCTNESS AND FOR PRODUCING VARIETY DESCRIPTIONS

Document prepared by the Office of the Union

1. The purpose of this document is to present the developments concerning a possible new section for document TGP/8: "Data Processing for the Assessment of Distinctness and for Producing Variety Descriptions".

- 2. The following abbreviations are used in this document:
  - CAJ: Administrative and Legal Committee
  - TC: Technical Committee
  - TC-EDC: Enlarged Editorial Committee
  - TWA: Technical Working Party for Agricultural Crops
  - TWC: Technical Working Party on Automation and Computer Programs
  - TWF: Technical Working Party for Fruit Crops
  - TWO: Technical Working Party for Ornamental Plants and Forest Trees
  - TWV: Technical Working Party for Vegetables
  - TWPs: Technical Working Parties

#### BACKGROUND

3. The Technical Committee (TC), at its forty-eighth session, held in Geneva from March 26 to 28, 2012, considered Annex III in conjunction with Annex VIII of document TC/48/19 Rev. It agreed that the information provided in Annex VIII and at the UPOV DUS Seminar, held in Geneva in March 2010, together with the method provided by Japan and the method used in France for producing variety descriptions for herbage crops, as presented at the TWC, provided a very important first step in developing common guidance on data processing for the assessment of distinctness and for producing variety descriptions, but concluded that the information as presented in Annex VIII would not be appropriate for inclusion in document TGP/8. It agreed that the Office of the Union should summarize the different approaches set out in Annex VIII with regard to aspects in common and aspects where there was divergence. As a next step, on the basis of that summary, consideration could be given to developing general guidance. The TC agreed that the detailed information on the methods, should be made available via the UPOV website, with references in document TGP/8 (see document TC/48/22 "Report on Conclusions" paragraph 52).

4. The Annex to this document contains a summary of different approaches used for data processing for the assessment of distinctness and for producing variety descriptions, which was presented at the TWPs sessions in 2012 as set out in documents TWA/41/30, TWC/30/30, TWF/43/30, TWO/45/30, and TWV/46/30.

#### 5. The TWPs made the following comments

General	The TWA noted the information that a summary of different approaches used for data processing for the assessment of distinctness and for producing variety descriptions would be developed by the Office of the Union (see document TWA/41/34 "Report", paragraph 44).	TWA
	The TWV considered document TWV/46/30 and received a presentation made by the Office containing a summary of different approaches for transforming means into notes for variety descriptions. The TWV was informed that the summary would be presented to the TWC at its thirtieth session and that it would be further developed (see document TWV/46/41 "Report", paragraphs 43 and 44).	TWV
	The TWC noted information provided in documents TWC/30/30 and TWC/30/30 Add. and agreed that the experts from Finland, Italy and the United Kingdom would support the Office of the Union to summarize the different approaches for further developing common guidance on data processing for the assessment of distinctness and for producing variety descriptions (see document TWC/30/41 "Report", paragraph 42). The TWC agreed that experts from the United Kingdom in cooperation with experts from France and Germany should conduct a practical exercise. The exercise would be to process a common data set to produce variety descriptions in order to determine the aspects in common and where there was divergence among the methods (see document TWC/30/41 "Report", paragraph 43).	TWC
	The TWF considered documents TWF/43/30 and TWF/43/30 Add. and received a presentation made by the Office containing a summary of different approaches for transforming means into notes for variety descriptions. The TWF expressed concern that a specific country may have difficulty in describing the full range of states of expression of a characteristic because some varieties might not be available. A universal set of example varieties, the use of historical data and experience of the experts could be a way to address this issue. The TWF recommended that consideration be given to the construction of a meaningful range of expression in the case of a limited range of available varieties. (see document TWF/43/38 "Report", paragraphs 29 to 31)	TWF
	The TWO agreed with the recommendations of the TWF that consideration be given to the construction of a meaningful scale of expression in the case of a limited range of available example varieties (see document TWO/45/37 "Report", paragraph 32).	TWO

6. In accordance with the proposal of the TWC, the Office of the Union has invited experts from the United Kingdom, France and Germany to make a proposal for a practical exercise.

[Annex follows]

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#### ANNEX

Technical Working Party on Automation and Computer Programs Thirtieth Session

## TRANSFORMATION OF MEASUREMENTS INTO NOTES FOR VARIETY DESCRIPTIONS

SUMMARY OF DIFFERENT APPROACHES

Chisinau, Republic of Moldova June 26 to 29, 2012

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### **OVERVIEW/ CONTEXT/ BACKGROUND**

• In order to produce a summary of <u>different</u> <u>approaches</u> on data processing

(see document TC/48/22 "Report on conclusions", paragraph 52)

- For transforming means into notes
- For Quantitative (<u>QN</u>) characteristics recorded by measurements (<u>M</u>)
- In order to <u>develop a common guidance</u> and harmonized processes



















Adjusted Full Assesement Table (FAT) <Japan>

- FAT is a table to evaluate the notes from the datas of QN characteristics
- The notes are based on example variety's data from ONE growing trial + historical datas
- (Mainly use for ornamental & veg. crops)
- Same method for self and cross,
- The adjustable range changes according to dispersion of Historical data of the Example variety

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# NEXT STEPS

- Check if summary is correct
- Check how the stability of descriptions of reference varieties is representative and stable over years

[End of Annex and of document]

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