



TWF/34/5

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**INTERNATIONAL UNION FOR THE PROTECTION OF NEW VARIETIES OF PLANTS**  
GENEVA

**TECHNICAL WORKING PARTY  
FOR  
FRUIT CROPS**

**Thirty-Fourth Session  
Niagara Falls, Canada, September 29 to October 3, 2003**

DEVELOPMENT OF TGP/14.2 "BOTANICAL TERMS"

*Document prepared by the Expert from South Africa  
and the Office of the Union*

1. Discussions within the Technical Working Parties (TWPs) during 2002 and 2003 have highlighted at least three elements which need to be covered within TGP/14.2 "Botanical Terms", namely: plant shapes; hair types; and color. Draft sections, covering each of these elements, have been prepared for discussion at the thirty-fourth session of the Technical Working Party for Fruit Crops (TWF), to be held in Niagara Falls, Canada, from September 29 to October 3, 2003, as follows:

TGP/14.2.1 Plant Shapes	(document TGP/14.2.1 draft 2)
TGP/14.2.2 Hair Types	(document TGP/14.2.2 draft 1)
TGP/14.2.3 Color	(document TGP/14.2.3 draft 1)

2. The purpose of this document is to explain how TGP/14.2 may develop and to explain some of the background to the individual sections in TGP/14.2

### Future Development of TGP/14.2

3. The structure of TGP/14.2 is not yet finally determined and, if required, further sections may be created. Furthermore, there may be some reorganization of the sections to improve the coherence of the document. On the basis of the information available at the moment the future structure might be along the following lines:

1. Shape / Form
  - (a) Plant habit
  - (b) Attitude of plant parts
  - (c) Shape
    - (i) Plane / 2-D shapes
    - (ii) 3-D shapes
    - (iii) Margins
  - (d) Surface and texture
2. Hair types
3. Color
4. Plant Part Terms
5. General Botanical Terms

4. The timetable for the proposed development of TGP/14.2 is set out in document TC/39/6 Add., Annex III "Program for the Development of TGP Documents" and will also be discussed under agenda item 8.

#### TGP/14.2.1 Plant Shapes (document TGP/14.2.1 draft 2)

5. A first draft of this section (document TGP/14.2 draft 1) was discussed by the TWF at its thirty-third session, held in San Carlos de Bariloche, Argentina from November 25 to 29, 2002. The comments made by the TWF are reflected in the latest draft prepared by Mrs. Buitendag (South Africa). The following comments have also been provided to help in the consideration of the document:

(a) the quality of the drawings will be improved once a final decision is made on the terms to be included and their definitions;

(b) where considered appropriate, more than one drawing has been provided for each shape. Further drawings may be included in further drafts;

(c) the order and numbering of the different groups of terms has not been finalized. At present, the order is based on the sequence in which the observations are made, i.e. first the full shape, then the base, then the apex, etc.;

6. With regard to the future development of this section, the TWF is invited, in particular, to comment on the following aspects:

(a) a longitudinal axis has been included in the different series of full plane shapes and the proximal end is indicated by an extended line. The TWF is invited to consider whether these axes should be included in each drawing, noting that for fruit shape the drawings may have to be turned upside down;

(b) it is recognized that there are many other terms in use by UPOV and it is planned that these will be included in future drafts. In this respect the TWF is invited to provide lists of such additional terms for future inclusion;

(c) comments from the TGP/14.2 Subgroup, involved in the drafting of the document, are shown in italics, and are presented to aid discussion within the TWF.

(d) the draft contains elements beyond plant shapes (e.g. surface and texture, general botanical terms). The TWF is invited to consider how these other elements might be incorporated within TGP/14.2 and, in particular, whether the structure in paragraph 3 would provide a suitable basis.

#### TGP/14.2.2 Hair Types (document TGP/14.2.2 draft 1)

7. At its thirty-third session, the TWF proposed that a document, on hair types, should be prepared by the expert from New Zealand, for its thirty-fourth session, to be held in Niagara Falls, Canada, from September 29 to October 3, 2003.

#### TGP/14.2.3 Color (document TGP/14.2.3 draft 1)

8. At its thirty-fourth session held in Nagano, Japan, from September 24 to 28, 2001, the Technical Working Party for Ornamental Plants and Forest Trees (TWO) agreed that the UPOV color card (document TWO/27/3) should be updated, following the introduction of the 2001 version of the RHS Colour Chart. After discussion with the Chairman of the TWO, the Chairman of the TWF and the drafter of TGP/14.2 it was agreed that that document should be incorporated into a section (TGP/14.2.3) on color to be developed in TGP/14.2. In accordance with this approach, document TGP/14.2.3 draft 1 will be discussed by the TWO at its thirty-sixth session, to be held in Niagara Falls, Canada from September 22 to 26, 2003, and by the TWF at its thirty-fourth session.

*9. The TWF is invited to comment on the future development of TGP/14.2, on the basis of paragraphs 3 and 4 of this document, and to comment on the drafts for TGP/14.2.1, TGP/14.2.2 and TGP/14.2.3.*

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