



TWC/33/26 Add. 2

ORIGINAL: English

DATE: July 13, 2015

INTERNATIONAL UNION FOR THE PROTECTION OF NEW VARIETIES OF PLANTS

Geneva

TECHNICAL WORKING PARTY ON AUTOMATION AND COMPUTER PROGRAMS

Thirty-Third Session

Natal, Brazil, June 30 to July 3, 2015

ADDENDUM TO

STATISTICAL METHODS FOR VISUALLY OBSERVED CHARACTERISTICS

Document prepared by the Office of the Union

Disclaimer: this document does not represent UPOV policies or guidance

The Annex to this document contains a copy of a presentation by Finland, on the way in which Finland intends to use the new statistical method for visually observed characteristics in DUS examination, that was made at the Technical Working Party on Automation and Computer Programs (TWC), at its thirty-third session.

[Annex follows]



- Seven characteristics where the COYD method for multinominal characteristics could be used in Finland
- At present, chi-square test is used in the analysis of these characteristics
- There is evidence that the new method would be more effective in the analysis (see Memorandum, TC/50/28, Annex, page 2.)

Timothy TG/34/6

- Char. 5. A VS Plant: growth habit in 2nd year before elongation
 - 1 to 9 scale, quantitative characteristic, ordinal scale



1
Erect



5
Medium



7
Semi-prostrate

Meadow fescue and Tall fescue TG/39/8

- Char. 2. A VS Only for F.p.: Plant: growth habit (as for 3)
- Char. 9. A VS Plant: growth habit at inflorescence emergence



1
Erect



5
Medium

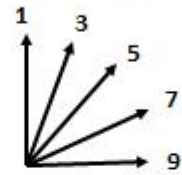


7
Semi-prostrate

Red clover TG/5/7

- Char. 7. A VS Plant: growth habit in autumn of year of sowing

– A visual estimate is taken of the angle that the outer shoots make with the horizontal



3 semi erect



5 intermediate



7 semi-prostrate



- Char 19. A VS Leaf: intensity of white marks

– The observation should be made at the beginning of flowering on the upper third of the plant



1

Absent or very weak



5

Medium



7

Strong

Also possible for Char. 15. A VS Stem: density of hairs
(scale 1 low – 9 very high)

White clover TG/38/7

- Char. 5. A – VS Plant: prominence of white leaf marks



1
Absent or very weak



5
Medium



7
Strong

[End of Annex and of document]