


Technical Working Party for Vegetables**TWV/55/5****Fifty-Fifth Session
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GROUPING CHARACTERISTICS*Document prepared by an expert from the European Union**Disclaimer: this document does not represent UPOV policies or guidance*

The Technical Working Party for Vegetables (TWV), at its fifty-fourth session, from May 11 to 15, 2020, agreed to add an agenda item for its fifty-fifth session on a proposal to indicate grouping characteristics in the Table of characteristics and TQ5 of UPOV Test Guidelines and invited the experts from the European Union and France to make a presentation in support of the proposal (see document TWV/54/9 "Report", paragraph 116).

The annex to this document contains a copy of a presentation "Grouping characteristics", to be made by an expert from the European Union, at the fifty fifth session of the TWV.

[Annex follows]



CPVO
Community Plant Variety Office

GEVES
Expertise & Performance

Grouping characteristics


Addition of the grouping information (G) in the table of characteristic and the technical questionnaire

1

Situation at UPOV


- Grouping information already available in the Test Guidelines (listed in [chapter 5](#)) – Harmonisation work already done between Member States during the revision process
- In [table 7](#) – information describing a characteristic are available in this table (methods of assessment, expression type, link to explanation...) **but** no info concerning the possible use for grouping.
- In the [TQ](#) – according to the General introduction:
"The Grouping characteristic...3. Should be an asterisked characteristic and/or included in the Technical Questionnaire or application form."

The grouping characteristics are always mentioned in the TQ.
 However, the TQ also includes char. that are compulsory (*) but not used for grouping (G).

 Grouping characteristics

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Situation at the CPVO



CPVO
Community Plant Variety Office

- The information about grouping is available in:
 - Chapter 5
 - Table 7
 - TQs (NEW)
 - by breeder's and EU examination offices

5.3 The following have been agreed as useful grouping characteristics.

- Plant: red coloration of petioles and veins (characteristic 3)
- Leaf blade: intensity of green colour (characteristic 4)
- Leaf blade: blistering (characteristic 5)
- Proportion of monoecious plants (characteristic 14) ...

3.	2. (*)	VG	Plant: red coloration of stem, petioles and veins		
(+)			absent	Resistoflay, Nores	1
G			present	Red Cardinal, Reddy	9


4.	3. (*)	VG	Leaf blade: intensity of green colour		
	(*)	(*)	very light		1
QN			light	Monet, Viroflay, Winterreuzen	3
			medium	Butterfly, Monnopa	5
			dark	Imola, Lavewa, Nores	7
G			very dark	Lorelay, Mystic	9

3. (G) 5.01 Plant: red coloration of stem, petioles and veins *

1 - absent Resistoflay, Nores

9 - present Red Cardinal, Reddy


Clear answer



Grouping characteristics

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Situation at GEVES



GEVES
Expertise & Performance

Example:
Pepper TQ

To easily identify a grouping char.

In the TQ:
Grouping char...
... but not only

The TQ allows:

- To select/ exclude example varieties (G char.)
- To structurate the trial

Référence de l'obteneur / Breeder's reference :

5. Caractères de la variété à indiquer (le chiffre entre parenthèses renvoie au caractère correspondant dans le protocole d'examen OCWV ref. CPVO/TP/076/2-Rev.2 version du 21/04/2020. Prière de marquer d'une croix le niveau d'expression approprié.


Characteristics of the variety to be given (the number in brackets refers to the corresponding characteristic in the CPVO protocol ref. CPVO/TP/076/2-Rev.2, dated 2020/04/21. Please mark the state of expression which best corresponds.

G = caractère de groupement OCWV / CPVO grouping characteristic

Caractères Characteristics		Variétés témoins Example varieties	Note
5.1 PLANTULE : coloration anthocyanique de l'hypocotyle (1) SEEDLING : anthocyanin coloration of hypocotyle	absente / absent présente / present	Albaregia, Albena Lamuyo	1 <input type="checkbox"/> 9 <input type="checkbox"/>
5.2 PLANTE : longueur de la tige (des cotylédons à la première fleur /ramification) (2) PLANT : length of stem (from cotyledons to first flower/branching)	très courte / very short très courte à courte / very short to short courte / short courte à moyenne / short to medium moyenne /medium moyenne à longue /medium to long longue /long longue à très longue /long to very long très longue / very long Delphin, Trophy ... Belsir, Lamuyo ... Lipari, Marconi, Rouge long ordinaire	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9 <input type="checkbox"/>

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Situation at GEVES



Référence de l'obteneur / Breeder's reference : _____

Example: Tomato TQ

5. Caractères de la variété à indiquer (le chiffre entre parenthèses renvoie au caractère correspondant dans le protocole OCVV TP/044/4-Rev.4 (21/04/2020). Prière de marquer d'une croix le niveau d'expression approprié)

Characteristics of the variety to be given (the number in brackets refers to the corresponding characteristic in the protocol CPVO-TP/044/4-Rev 4 (2020-04-21). Please mark the state of expression which best corresponds)

G = caractère de groupement OCVV / CPVO grouping characteristic

G* = caractère de groupement additionnel GEVES / GEVES additional grouping characteristic

Caractères Characteristics	Variétés témoins Example varieties	Note
5.1 PLANTE : type de croissance (2) PLANT : growth type	déterminée / determinate Campbell 1327, Prisca	1 <input type="checkbox"/>
G	indéterminée / indeterminate Marmande VR, Saint Pierre San Marzano 2	2 <input type="checkbox"/>
5.15 Variété à croissance indéterminée 47.6 <u>seulement</u> ; Résistance à <i>Passalora fulva</i> - Race 2-4-5 / Groupe E		
(--) <u>Indeterminate growth variety only</u> Résistance à <i>Passalora fulva</i> - Race 2-4-5 / Groupe E	absente / absent Faustyno, Monalbo	1 <input type="checkbox"/>
G*	présente / present Erfliz, Kalixo, Sonatine	9 <input type="checkbox"/>

CPVO grouping char.

National grouping char.
 Use declared to CPVO

Grouping characteristics 5

Proposal to display this information in the Table of characteristics (chapter 7) and in the TQ

- Benefit for DUS experts
 - Information about grouping will be always available both in the Test Guidelines/ Technical Protocols and the TQ
 - For authorities which use the UPOV TQ, and where a G char. is not used as such by the national authorities, proposal to add in the TQ an introducing sentence:

"grouping characteristics (G) could be used either to select varieties of common knowledge that can be excluded from the growing trial used for examination of distinctness or to organize the growing trial so that similar varieties are grouped together (for more information please read chapter 5 of the corresponding TG or contact the national authority performing the DUS test)

- Benefit for applicants
 - More transparency on the possible use of a characteristic for grouping
 - Information on grouping displayed in the meaning of the TG

Grouping characteristics 6

Next steps

- To introduce this information when revising the Test Guidelines (no urgent need to update all documents at the same time)
- Pursue the harmonisation work on TQ to include this information

Thank you for your feedback !

