

Technical Working Party for Ornamental Plants and Forest Trees TWO/56/5

Fifty-Sixth Session
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PARTIAL REVISION OF THE TEST GUIDELINES FOR DIANTHUS

Document prepared by an expert from the Netherlands

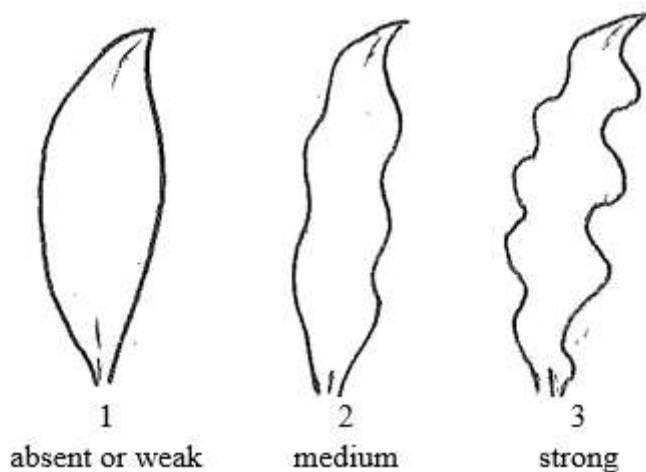
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1. The purpose of this document is to present a proposal for a partial revision of the Test Guidelines for Carnation (document TG/25/9).
2. The Technical Working Party for Ornamentals (TWO), at its fifty-fifth session¹, agreed that the Test Guidelines for Carnation (*Dianthus* L.) should be partially revised (see document TWO/55/11 "Report", Annex II).
3. The following changes are proposed:
 - (a) Addition of the characteristic "**Leaf: undulation of margin**" (after characteristic 19) with states absent or weak (1), example varieties Crazy Ball Chocolate, Fresh; medium (2), example varieties Temarisou, Breagreen; and strong (3), example varieties Hilbregremag, MOR18C53, Hilbrelindo. Only to be examined in cut flower umbrella (*D. barbatus*) types;
 - (b) Addition of the following characteristics (after characteristic 21), which are only to be examined in cut flower umbrella (*D. barbatus*) types:
 - I. **Presence of flowers** with states absent (1), example variety Temarisou and present (9), example variety Hilbreking;
 - II. **Only varieties with Presence of flowers: absent: Bract: anthocyanin coloration** with states absent or weak (1), example variety Temarisou; medium (2); and strong (3), example variety Crazy Ball Chocolate;
 - III. **Only varieties with Presence of flowers: absent: Bract: distribution of anthocyanin coloration** with states at tip (1), example variety Hilbregremag; distal half (2); and throughout (3), example variety Crazy Ball Chocolate;
 - (c) Revision of item 5.3 – Grouping Characteristics. To include "Only for cut flower 'umbrella' (*D. barbatus*) types: Presence of flowers" as grouping characteristic item (c);
 - (d) Revision of item 6.5 – Legend. To include the explanation for [Cu]: to be examined in cut flower 'umbrella' (*D. barbatus*) types;
 - (e) Revision of Technical Questionnaire – item 5. To include the new characteristic "Only for cut flower 'umbrella' (*D. barbatus*) types: Presence of flowers".
 - (f) Revision of item 8.3 – Growing types. To update the explanation for umbrella (*D. barbatus*) (Cu) types.

¹ held via electronic means, from June 12 to 16, 2023.

Addition of the characteristic "Leaf: undulation of margin" (*after* characteristic 19)

No. (*) (+)	[Cu] VG	Leaf: undulation of margin		
QN	(b)	absent or weak		Crazy Ball Chocolate (Cu), Fresh (Cu) 1
		medium		Temarisou (Cu), Breagreen (Cu) 2
		strong		Hilbregremag (Cu), MOR18C53 (Cu), Hilbreindo (Cu) 3



Addition of characteristics (*after* characteristic 21)

I.

No. (*)	[Cu] VG	Presence of flowers		
QL		absent		Temarisou (Cu) 1
		present		Hilbreking (Cu) 9

II.

No. (*)	[Cu] VG	<u>Only varieties with Presence of flowers:</u> <u>absent:</u> Bract: distribution of anthocyanin coloration		
QN		absent or weak		Temarisou (Cu) 1
		medium		2
		strong		Crazy Ball Chocolate (Cu) 3

III.

No. (*)	[Cu] VG	<u>Only varieties with Presence of flowers:</u> <u>absent:</u> Bract: distribution of anthocyanin coloration		
PQ		at tip		Hilbregremag (Cu) 1
		distal half		2
		throughout		Crazy Ball Chocolate (Cu) 3

Revision of chapter 5.3 – Grouping Characteristics

Current wording:

Only for pot and garden types:

- (a) Plant: height (characteristic 2)
- (b) Plant: position of flowers compared to foliage (characteristic 4)

For all types (including pot and garden types):

- (c) Flower: type (characteristic 37)
- (d) Petal: main color (characteristic 50), with the following groups:
 - Gr. 1: white or near white
 - Gr. 2: green
 - Gr. 3: yellow
 - Gr. 4: orange
 - Gr. 5: pink
 - Gr. 6: medium red
 - Gr. 7: dark red
 - Gr. 8: violet red
 - Gr. 9: purple
 - Gr. 10: pink purple
 - Gr. 11: purple violet
 - Gr. 12: violet
 - Gr. 13: brownish
- (e) Petal: secondary color (characteristic 51), with the following groups:
 - Gr. 1: none
 - Gr. 2: white or near white
 - Gr. 3: green
 - Gr. 4: yellow
 - Gr. 5: orange
 - Gr. 6: pink
 - Gr. 7: medium red
 - Gr. 8: dark red
 - Gr. 9: violet red
 - Gr. 10: purple
 - Gr. 11: pink purple
 - Gr. 12: purple violet
 - Gr. 13: violet
 - Gr. 14: brownish
- (f) Petal: color pattern of secondary color, if present, with the following groups (combination of Characteristics 52 to 56):
 - 1: marginated
 - 2: striped
 - 3: speckled
 - 4: flushed
 - 5: maculated

Proposed new wording:

Only for pot and garden types:

- (a) Plant: height (characteristic 2)
- (b) Plant: position of flowers compared to foliage (characteristic 4)

Only for cut flower 'umbrella' (*D. barbatus*) types:

- (c) Presence of flowers (characteristic no ...)

For all types (including pot and garden types):

(d) Flower: type (characteristic 37)

(e) Petal: main color (characteristic 50), with the following groups:

- Gr. 1: white or near white
- Gr. 2: green
- Gr. 3: yellow
- Gr. 4: orange
- Gr. 5: pink
- Gr. 6: medium red
- Gr. 7: dark red
- Gr. 8: violet red
- Gr. 9: purple
- Gr. 10: pink purple
- Gr. 11: purple violet
- Gr. 12: violet
- Gr. 13: brownish

(f) Petal: secondary color (characteristic 51), with the following groups:

- Gr. 1: none
- Gr. 2: white or near white
- Gr. 3: green
- Gr. 4: yellow
- Gr. 5: orange
- Gr. 6: pink
- Gr. 7: medium red
- Gr. 8: dark red
- Gr. 9: violet red
- Gr. 10: purple
- Gr. 11: pink purple
- Gr. 12: purple violet
- Gr. 13: violet
- Gr. 14: brownish

(g) Petal: color pattern of secondary color, if present, with the following groups (combination of Characteristics 52 to 56):

- 1: marginated
- 2: striped
- 3: speckled
- 4: flushed
- 5: maculated

Revision of chapter 6.5 - Legend

Current wording:

6.5 Legend

(*) Asterisked characteristic – see Chapter 6.1.2

QL Qualitative characteristic – see Chapter 6.3

QN Quantitative characteristic – see Chapter 6.3

PQ Pseudo-qualitative characteristic – see Chapter 6.3

MG, MS, VG, VS – see Chapter 4.1.5

(a)-(d) See Explanations on the Table of Characteristics in Chapter 8.1

(+) See Explanations on the Table of Characteristics in Chapter 8.2.

[C] to be examined in cut flower types

[Cs] to be examined in cut flower 'spray' types

[G] to be examined in garden types

[P] to be examined in pot types

(C) cut flower type:

- (Co): one flower per stem

- (Cs): spray

- (Cu): umbrella (*D. barbatus*)

(G) garden type

(P) pot type

Proposed new wording:

6.5 Legend

(*) Asterisked characteristic – see Chapter 6.1.2

QL Qualitative characteristic – see Chapter 6.3

QN Quantitative characteristic – see Chapter 6.3

PQ Pseudo-qualitative characteristic – see Chapter 6.3

MG, MS, VG, VS – see Chapter 4.1.5

(a)-(d) See Explanations on the Table of Characteristics in Chapter 8.1

(+) See Explanations on the Table of Characteristics in Chapter 8.2.

[C] to be examined in cut flower types

[Cs] to be examined in cut flower 'spray' types

[Cu] to be examined in cut flower 'umbrella' (*D. barbatus*) types

[G] to be examined in garden types

[P] to be examined in pot types

(C) cut flower type:

- (Co): one flower per stem

- (Cs): spray

- (Cu): umbrella (*D. barbatus*)

(G) garden type

(P) pot type

Revision of Technical Questionnaire, section 5

To include the new characteristic “Presence of flowers (only for cut flower ‘umbrella’ (*D. barbatus*) types)” with states absent (1), example variety Temarisou and present (9), example variety Hilbreking in the TQ *after* item 5.2.

5.3		Presence of flowers (only for cut flower ‘umbrella’ (<i>D. barbatus</i>) types)		
No.	absent		Temarisou (Cu)	1 []
	present		Hilbreking (Cu)	9 []

Revision of chapter 8.3 “Growing types”

Current wording:

umbrella (*D. barbatus*) (Cu)

- All types of varieties belong to *D. barbatus*
- produce clusters of flowers
- most varieties have single flowers

Proposed new wording:

umbrella (*D. barbatus*) (Cu)

- All types of varieties belong to *D. barbatus*
- produce clusters of flowers or have no flowers
- most varieties have single flowers

[End of document]