

Reference Number:

Application Date :

(not to be filled in by the applicant)

TECHNICAL QUESTIONNAIRE (DENDROBIUM)

To be completed in connection with an application for plant breeders' rights

In the case of hybrid varieties which are the subject of an application for plant breeders' rights, and where the parent lines are to be submitted as a part of the examination of the hybrid variety, this Technical Questionnaire should be completed for each of the parent lines, in addition to being completed for the hybrid variety.

1. Subject of the Technical Questionnaire

Botanical Name(s) *Dendrobium Sw.*

Common Name(s) Dendrobium

2. Applicant

Name

Address

Telephone No.

Fax No.

E-mail address

Breeder (if different from applicant)

3. Proposed denomination and breeder's reference

Proposed variety
denomination

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4. Information on the breeding scheme and propagation of the variety

Variety resulting from
[please "tick"]

- Controlled cross
(pls state parent varieties)
- Partially known cross (pls state
known parent varieties)
- Totally unknown cross

Mutation
(pls state parent variety)

Discovery (pls state where, when
and how developed)

Other (pls provide details)

Method of propagating the variety :

- Cuttings
- In vitro* propagation
- Seed
- Other (state method)

Geographical origin of the variety :

Information given on the Breeding scheme will be kept
confidential. Indicate female component in first position :

Indicate any male sterile lines and how they are maintained.

The region and country in which the variety was bred or
discovered and developed.

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5. Characteristics of the variety to be indicated (the number in brackets refers to the corresponding characteristic in Test Guidelines; please mark the note which best corresponds).

Characteristics	State of Expression (Applicant to indicate size in centimetres if applicable)	Example Varieties (Applicant to indicate other example varieties if possible / applicable)	Note
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5.1	(1) Plant : Size	very small		1[]
		small	Enobi Komachi ‘Shirayukihime’	3[]
		medium	<i>Dendrobium kingianum</i>	5[]
		large	Wave King ‘Akebono’	7[]
		very large	Lucky Girl ‘Emiko’	9[]
5.2	(18) Inflorescence: position of flowers	along peduncle	Snow Cap ‘Love Song’	1[]
		apex only	Pink Beauty ‘Queen’	2[]
5.3	(27) Flower: length in front view	short	Enobi Komachi ‘Shirayukihime’	3[]
		medium	Lucky Girl ‘Emiko’	5[]
		long		7[]
5.4	(28) Flower: width in front view	narrow	Enobi Komachi ‘Shirayukihime’	3[]
		medium	Lucky Girl ‘Emiko’	5[]
		broad		7[]
5.5	(71) Lip: presence of lateral lobe	absent	Stardust ‘Chiyomi’	1[]
		present	<i>Dendrobium bellatulum</i>	9[]
5.6	(77) Lip: presence of eye	absent	Enobi Komachi ‘Shirayukihime’	1[]
		present	Fantasia ‘King’	9[]
5.7	(80) Lip: color pattern (except middle part, eye and throat)	self-colored		1[]
		shaded	Snow Cap ‘Love Song’	2[]

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		edged	Pink Beauty 'Queen'	3[]
		striped		4[]
		netted		5[]
		spotted		6[]
		shaded and striped		7[]
		shaded and netted		8[]
		shaded and spotted		9[]
5.8	(82) Lip: main color RHS Colour Chart (indicate reference number)	green		1[]
		white	Enobi Komachi 'Shirayukihime'	2[]
		yellow	Stardust 'Chiyomi'	3[]
		pink	Snow Cap 'Love Song'	4[]
		red		5[]
		purple	Queen Southeast 'Crystal Queen'	6[]
		reddish brown		7[]

6. Similar varieties and differences from these varieties

Please use the table, and space provided for comments, below to provide information on how your candidate variety differs from the variety (or varieties) which, to the best of your knowledge, is (or are) most similar. This information may help the examination authority to conduct its examination of distinctness in a more efficient way.

Denomination(s) of variety(ies) similar to your candidate variety	Characteristic(s) in which your candidate variety differs from the similar variety(ies)	Describe the expression of the characteristic(s) for the similar variety(ies)	Describe the expression of the characteristic(s) for your candidate variety
<i>Example</i>	<i>Lip: color pattern</i>	<i>shaded</i>	<i>shaded and striped</i>

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Comments:

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7. Additional information which may help in the examination of the variety

7.1 In addition to the information provided in sections 5 and 6, are there any additional characteristics which may help to distinguish the variety?

Yes

No

If yes, please provide details :

7.2 Are there any special conditions for growing the variety or conducting the examination?

Yes

No

If yes, please give details:

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7.3 Other information

7.3.1 Representative colour photographs of the variety should accompany the Technical Questionnaire.

I) The specifications are :

- i. The photographs (maximum of 5 representations) should measure at least 15cm x 10cm.
- ii. The size of the image or object in question should cover as much area of the photograph as possible.
- iii. Printed photographs should have a non-glossy, matt finish.
- iv. Instant photographs taken with a polaroid camera are not acceptable.
- v. Photographs should be taken against a dark or black background, in sufficient light to prevent or minimise distortion to the natural colour of the plant or part(s) of the plant.
- vi. Printed photographs are to be submitted in a water-proof envelope or bag,
- vii. Photographs must be clearly labelled with the Applicant's name, Contact Number, Proposed Denomination of the new variety, and Date of Application.

II) The following images are required :

- i. Close-up picture of a single flower (attached to inflorescence; taken against a scale ruler)
- ii. Close-up picture of a single inflorescence (attached to plant; taken against a scale ruler)
- iii. A picture of the whole plant (taken against a standard 30cm ruler)
- iv. Any other picture(s) of the plant or part(s) of plant that will distinguish the variety from other varieties.

7.3.2 Main use of the variety

- Garden Plant
- Pot Plant
- Cut-flower
- Other (please provide details) :

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8. Authorization for release

(a) Does the variety require prior authorization for release under legislation concerning the protection of the environment, human and animal health?

Yes No

(b) Has such authorization been obtained?

Yes No

If the answer to (b) is yes, please attach a copy of the authorization.

9. Information on plant material to be examined.

The expression of a characteristic or several characteristics of a variety may be affected by factors, such as pests and disease, chemical treatment (e.g. growth retardants or pesticides), effects of tissue culture, different rootstocks, scions taken from different growth phases of a tree, etc.

The plant material should not have undergone any treatment which would affect the expression of the characteristics of the variety, unless the competent authorities allow or request such treatment. If the plant material has undergone such treatment, full details of the treatment must be given. In this respect, please indicate below, to the best of your knowledge, if the plant material to be examined has been subjected to:

(a) Microorganisms / Pathogens (e.g. virus, bacteria, phytoplasma) Yes No

(b) Chemical treatment (e.g. growth retardant or pesticide) Yes No

(c) Tissue culture Yes No

(d) Other factors Yes No

Please provide details where you have indicated "yes".

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10. I hereby declare that, to the best of my knowledge, the information provided in this form is correct:

Applicant's name :

Signature :

Date

[End of document]