

DISCLAIMER

The present version of the national guideline has been accepted by the President of the CPVO for its use in technical examinations carried out on behalf of the CPVO or for the take-over of reports serving as a basis for a CPVO decision.

Medinilla
National protocol: NP/MDN/1

Botanical taxon: Medinilla Gaudich.
 Common Name (when known): Medinilla
 Botanical taxon: Medinilla magnifica Lindl.
 Common name: Medinilla
 Date of preparation of NP: 28-04-2015
 Date of prevision of NP: 01-01-2020
 NP revised by: G. van de Wardt

Sample to be examined: VEGETATIVE
 Number of growing cycles: 1 year

Closing date for applications: 01-12
 Submission date/period: 1/3 - 31/3
 Plant Quantity: 10 young plants,
 Able to show all their characteristics in the first year of
 technical examination.

Special conditions sample: None

Test station address: Naktuinbouw, Sotaweg 22, 2371 AA, Roelofarendsveen
 Name: Team Support Variety Testing Department
 E-mail: teamsupport@rasraad.nl

List of grouping characteristics: NO, (if yes put as annex)
 Minimum number of plants in trial: Vegetative: 9 Seed: not appl.
 Minimum number of plants observed
 by measuring or counting: Vegetative: 1 Seed: not appl.

Give description of when/where observations on the leaf should take place:
 At full flowering
 Give description of when/where observations on the flower should take place:
 At full flowering
 Give description of when/where the other observations should take place:
 At full flowering

Test will take place: IN THE GLASSHOUSE

Uniformity: A population standard of 1% with an acceptance probability of at least 95%.
 Number of off-types allowed: one off-type allowed in a sample size of 10 plants.

Table of characteristics: PRESENT (see annex)
 (if present, please annex the table of characteristics and explanations)

Literature: PRESENT
 (when present, please annex to this document)

1. Table of Characteristics

English	Example Varieties	Note
1. Plant: height (in cm)		
short	Bella	3
medium		5
tall		7
2. Plant: width (in cm)		
narrow	Blush	3
medium	Flamenco,	5
broad		7
3. Stem: diameter at base (in mm)		
thin	Bella	3
medium	Royal Intenz, Blush	5
thick	Royal Flazh	7
4. Stem: intensity of green colour		
light		3
medium	Bella	5
dark	Arosa, Flamenco	7
5. Stem: colour of lignified parts		
light brown	Vino	1
medium brown	Arosa	2
dark brown		3
grey brown	Rosy	4
6. Stem: presence of wings		
absent	Coral	1
present	Bella, Arosa	9
7. Stem: length of internodes (in cm)		
short	Magic, Coral	3
medium	Royal Intenz	5
long	Flamenco, Royal Flazh	7
8. Petiole: length (in mm)		
short		3
medium		5
long	Bella	7

English	Example Varieties	Note
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9. Petiole: width (in mm)		
narrow	Cerise	3
medium	Coral	5
broad	Vino	7

10.	Petiole: colour		
	light green	Bella	1
	medium green	Raffaella	2
	dark green		3
	brown green	Magic	4
	light green brown		5
	brown red	Rosy	6
	red purple	Mystery	7
11.	Petiole: presence of different colour at base		
	absent	Blush	1
	present	Bella	9
12.	Petiole: different colour at base		
	light green	Rosy	1
	red purple	Bella	2
	dark red purple	Coral	3
13.	Leaf blade: length		
cm	short	Mystery, Rosy	3
	medium	Vino	5
	long	Royal Pearlz, Flamenco	7
14.	Leaf blade: width		
cm	narrow	Bella, Blush	3
	medium	Royal Zenz, Vino	5
	broad	Royal Pearlz	7
15.	Leaf blade: colour on upper side		
	RHS Colour Chart		
	(Indicate reference number)		
16.	Leaf blade: colour on lower side		
	RHS Colour chart		
	(Indicate reference number)		
17.	Leaf blade: colour of veins on lower side		
	light green	Arosa	1
	medium green	Vino	2

	dark green	Mystery	3
	light brown green	Flamenco	4
	brown	RS001	5
	brown red	Ice	6
	red purple	Bella, Morado	7
18.	Leaf blade: shape		
	broad ovate		1
	ovate	Royal Pearlz	2
	narrow ovate	Coral	3
	narrow elliptic	Cerise	4
	elliptic	Bella, Arosa	5
	broad elliptic	Ice	6
	narrow obovate		7
	obovate		8
	broad obovate		9
19.	Leaf blade: shape in longitudinal axis		
	incurved		1
	weakly incurved		3
	straight	Arosa	5
	weakly recurved	Royal Zenz	7
	recurved	Bella	9
20.	Leaf blade: shape of margin		
	absent to very weakly undulate	Royal Zenz	1
	weakly undulate	Arosa	3
	medium undulate	Royal Pearlz	5
	strongly undulate	Coral	7
	very strongly undulate		9
21.	Leaf blade: shape of tip		
	acute	Bella	1
	acuminate	Royal Pearlz	2
	rounded	Royal Flazh	3
22.	Inflorescence: number of flowers in biggest panicle		
	few	Rosy	3
	medium		5
	many		7

23.	Inflorescence: length		
cm	short	Royal Flazh	3
	medium	Royal Pearlz, Royal Zenz	5
	long	Blush	7
24.	Inflorescence: width		
cm	narrow	Morado, Mystery	3
	medium	Royal Flazh	5
	broad	Raffaella	7
25.	Inflorescence: length of internodes		
m m	short	Bella, Flamenco	3
	medium	Vino	5
	long	Rosy	7
26.	Peduncle: length		
m m	short		3
	medium	royal pearlz,Royal Zenz	5
	long	Flamenco	7
27.	Peduncle: diameter		
m m	thin	Bella, Blush	3
	medium	Ice	5
	thick	Royal Pearlz, Royal Flazh	7
28.	Peduncle: colour		
	RHS Colour chart		
	(indicate reference number)		
29.	Peduncle: shape in cross section		
	square (winged)	Arosa	1
	round	Bella	2
	round to flattened		3
	flat	Royal Pearlz	4
30.	Bracts: length		
m m	short	Vino, Blush	3
	medium	Royal Pearlz, Royal Flazh	5

	long	RS003	7
31.	Bracts: width		
m	narrow		3
m	medium		5
	broad		7
32.	Bracts: colour on upper side		
	RHS Colour chart		
	(Indicate reference number)		
33.	Bracts: shape		
	broad ovate	RS001	1
	ovate	Bella	2
	narrow ovate	Raffaella	3
	narrow elliptic	Flamenco	4
	elliptic	Royal Zenz	5
	broad elliptic	RS003	6
34.	Bracts: shape in cross section		
	strongly concave	RS002	1
	concave	Bella	3
	flat	Morado	5
	convex	Royal Pearlz	7
	strongly convex		9
35.	Bracts: shape of margin		
	very weakly undulate		1
	weakly undulate	Royal Zenz	3
	medium undulate		5
	strongly undulate	RS001	7
	very strongly undulate to folded		9
36.	Bracts: shape of tip		
	acute	Vino	1
	acuminate	Royal Intenz	2

37.	Pedicle: length		
m	short	Flamenco, Coral	3
m	medium	Royal Pearlz, Morado	5
	long		7

38. Pedicle: main colour

RHS Colour chart

(indicate reference number)

39. Pedicle: shape in cross section

	round	Bella	1
	square	Royal Flazh	2

40. Secondary pedicle: length

m	short	Coral	3
m	medium	Morado	5
	long		7

41. Secondary pedicle: main colour

RHS Colour chart

(indicate reference number)

42. Secondary pedicle: shape in cross section

	round	Arosa	1
	square	Royal Flazh	2

43. Flower: diameter

m	small	Bella, Mystery	3
m	medium	Royal Intenz	5
	large		7

44. Calyx: colour

RHS Colour chart

(indicate reference number)

45.	Corolla: number of petals		
	four	Vino	1
	four to five	Arosa	2
	five	Flamenco	3
	four to six	Bella	4
46.	Petal: length		
m	short	Arosa	3
m	medium	Morado	5
	long	RS003	7
47.	Petal: width		
m	narrow	Bella, Royal Pearlz	1
m	medium		2
	broad		3
48.	Petal: colour		
	RHS Colour chart		
	(Indicate reference number)		
49.	Petal: shape		
	ovate	Bella	1
	elliptic	Vino	2
	elongated	Rosy	3
	obovate	Arosa	4

50.	Petal: shape in cross section		
	weakly concave	RS002	1
	concave	Bella	3
	straight	Royal Pearlz	5
	convex		7
	weakly convex		9
51.	Petal: shape of longitudinal section		
	strongly incurved		1
	incurved	Bella	3
	straight	Vino	5
	recurved	RS002	7
	strongly recurved		9
52.	Petal: shape of tip		
	obtuse	Bella	1
	rounded	Arosa	2
	obtuse	Vino	3
53.	Stamen: length		
m	short	Coral	1
m	medium	Arosa	3
	long	RS003	5
54.	Stamen: colour		
	white	Arosa	1
	light yellow	Royal Pearlz	2
	yellow	Flamenco	3
	orange		4
	orange red	Coral	5
	pink red	RS001	6
	light purple red	Raffaella	7
55.	Stamen: shape in longitudinal axis		
	strongly incurved		1
	incurved	Bella	3
	straight	Magic	5
	recurved	Mystery	7
	strongly recurved	RS003	9

	English	Example Varieties	Note
56.	Anthers: length		
m	short		1
m	medium	RS001	3
	long		5
57.	Anthers: colour		
	white	Royal Pearlz	1
	light yellow	RS003	2
	yellow	Bella	3
	orange		4
	orange red	Ice	5
	purple red	Raffaella	6
	purple		7
58.	Style: length		
m	short	Coral, Raffaella	1
m	medium		3
	long	Royal Flazh, Rosy	5
59.	Style: colour		
	white	Bella	1
	light yellow		2
	yellow		3
	orange		4
	orange red	Coral	5
	purple red	Royal Flazh	6
	purple	Flamenco	7
60.	Ovary: length		
m	short	Royal Intenz	1
m	medium	Arosa, Flamenco	3
	long	Ice	5
61.	Ovary: diameter		
m	small	Morado	1
m	medium	Bella, Vino	3
	large	Ice	5

	English	Example Varieties	Note
62.	Ovary: colour		
	RHS Colour Chart (Indicate reference number)		
63.	Ovary: shape		
	round	Bella	1
	elliptic	RS003	2
	obovoid	Royal Intenz	3
64.	Ovary: shape of tip		
	rounded	RS003	1
	obtuse	RS002	2
	flattened	Arosa	3

2. Literature:

Dictionary of Gardening: The Royal Horticultural Society

The illustrated encyclopedia of orchids, Alec Pridgeon

Hortica, A.B. Graf