

Phedimus
National protocol: NP/PHD/1

Examination office	Naktuinbouw	
Reference of the protocol	NP/PHD/1	
Date of preparation of the protocol	15/01/2025	
Date of entry into force of the protocol	15/03/2024	
Botanical taxon:	Phedimus L.	
Common Name (when known):	Phedimus	
Way of propagation of the plants to be examined	Self or cross pollinated seed propagated <input type="checkbox"/> Vegetatively propagated <input checked="" type="checkbox"/>	
Number of growing cycles:	1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> Other <input type="checkbox"/> specify	
List of grouping characteristics	Yes <input type="checkbox"/> if yes put as annex No <input checked="" type="checkbox"/>	
Minimum number of plants in trial	Vegetative:20	Seed:
Minimum number of plants observed by measuring or counting:	Vegetative:1	Seed:
Give description of when observations should take place	see: EXPLANATIONS ON THE TABLE OF CHARACTERISTICS	
Uniformity: - For the assessment of uniformity of vegetatively propagated, self-pollinated seed propagated varieties or F1-hybrids, a population standard of 1% and an acceptance probability of at least 95% should be applied. In the case of a sample size of 24 plants, 1 off-types are allowed.		
able of characteristics	Present <input checked="" type="checkbox"/> Not available <input type="checkbox"/>	
Literature (when present, please annex to this document)	Present <input checked="" type="checkbox"/> Absent <input type="checkbox"/>	

TABLE OF CHARACTERISTICS:

N°	Stage, Method	Characteristics	Examples	Note
1.	VG	Stem: intensity of anthocyanin coloration		
(+)				
QN		absent or very weak	Nonsitnal	1
		weak		2
		medium		3
		strong	Yellow Brick Road	4
		very strong	Jade Tuffet	5
2.	MS/VG	Leaf: length		
QN	(a), (b)	very short		1
		short	SETZ0001	2
		medium		3
		long	Jade Tuffet	4
		very long	Nonsitnal	5
3.	MS/VG	Leaf: width		
QN	(a), (b)	very narrow	Yellow Brick Road	1
		narrow		2
		medium		3
		broad		4
		very broad	Nonsitnal	5
4.	VG	Leaf: shape		
PQ	(a), (b)	elliptic	Jade Tuffet	1
		obovate	Nonsitnal	2
		obtriangular	Schorbuser Blut	3
5.	VG	Leaf: main color		
PQ	(a), (b), (c)	RHS Colour Chart (indicate reference number)		

N°	Stage, Method	Characteristics	Examples	Note
6.	VG	Leaf: intensity of anthocyanin coloration		
QN	(a), (b)	absent or very weak	Little Miss Sunshine	1
		weak	Jade Tuffet	2
		medium		3
		strong	Schorbuser Blut	4
		very strong		5
7.	VG	Leaf: variegation		
QL	(a), (b)	absent	Little Miss Sunshine	1
		present	Nonsitnal	9
8.	VG	Leaf: main color <u>in autumn</u>		
PQ	(b), (c)	RHS Colour Chart (indicate reference number)		
9.	VG	Leaf: intensity of anthocyanin coloration <u>in autumn</u>		
QN	(b), (c)	absent or very weak	Little Miss Sunshine	1
		weak	Nonsitnal	2
		medium		3
		strong	SETZ0001	4
		very strong	Jade Tuffet	5
10.	VG	Leaf: shape in cross section		
QN	(a), (b)	flat or very weakly concave	Jade Tuffet	1
		weakly concave	Schorbuser Blut	2
		moderately concave	Nonsitnal	3
		strongly concave		4
11.	VG	Leaf: curvature of longitudinal axis		
QN	(a), (b)	strongly incurved		1
		moderately incurved	Jade Tuffet	2
		weakly incurved		3
		straight	SETZ0001	4
		weakly reflexed		5
		moderately reflexed	Little Miss Sunshine	6
		strongly reflexed	Nonsitnal	7

N°	Stage, Method	Characteristics	Examples	Note
12.	VG	Leaf: depth of incisions of margin of distal half		
QN	(a), (b)	absent or very shallow	Variegatum	1
		shallow	Jade Tuffet	2
		medium		3
		deep	Nonsitnal	4
		very deep		5
13.	VG	Flower bud: main color		
(+)				
PQ		RHS Colour Chart (indicate reference number)		
14.	VG	Flower: diameter		
QN	(d)	very small		1
		small	Nonsitnal	2
		medium		3
		large	SETZ0001	4
		very large		5
15.	VG	Sepal: intensity of green color		
QN	(d)	light	Nonsitnal	1
		medium	Little Miss Sunshine	2
		dark		3
16.	VG	Sepal: intensity of anthocyanin coloration		
QN	(d)	absent or very weak	Nonsitnal	1
		weak		2
		medium		3
		strong	Jade Tuffet	4
		very strong	SETZ0001	5
17.	MS/VG	Petal: length		
QN	(d)	very short		1
		short	Nonsitnal	2
		medium		3
		long	Little Miss Sunshine	4
		very long	SETZ0001	5

N°	Stage, Method	Characteristics	Examples	Note
18.	VG	Petal: main color of upper side		
PQ	(c), (d)	RHS Colour Chart (indicate reference number)		
19.	VG	Petal: secondary color of upper side		
PQ	(c), (d)	RHS Colour Chart (indicate reference number)		
20.	VG	Petal: curvature of longitudinal axis		
QN	(d)	strongly incurved		1
		moderately incurved	Jade Tuffet	2
		weakly incurved	Nonsitnal	3
		straight		4
		weakly reflexed	Little Miss Sunshine	5
		moderately reflexed	SETZ0001	6
		strongly reflexed		7
21.	VG	Filament: color		
PQ	(d)	white	Leningrad White	1
		yellow	Yellow Brick Road	2
		yellow green	Nonsitnal	3
		green	Little Miss Sunshine	4
		blue pink	Jade Tuffet	5
		purple	SETZ0001	6
22.	VG	Anther: color		
(+)				
PQ		yellow	Variegatum	1
		orange brown	Nonsitnal	2
		purple red	SETZ0001	3

N°	Stage, Method	Characteristics	Examples	Note
23.	VG	Style: color		
PQ	(d)	white	Leningrad White	1
		yellow	Yellow Brick Road	2
		yellow green	Nonsitnal	3
		green	Little Miss Sunshine	4
		orange red	Variegatum	5
		purple	Jade Tuffet / SETZ0001	6
24.	VG	Ovary: color		
PQ	(d)	RHS Colour Chart (indicate reference number)		

EXPLANATIONS ON THE TABLE OF CHARACTERISTICS

Explanations covering several characteristics

Unless otherwise indicated, observations should be made at the time of full flowering.

Characteristics containing the following key in the Table of Characteristics should be examined as indicated below:

- (a) Observations should be made just before flowering.
- (b) Observations should be made on the upper side of fully developed leaves on the upper third of the flowering stem below the inflorescence.
- (c) The main color is the color with the largest surface area. In cases where the areas of the main and the secondary color are too similar to reliably decide which color has the largest area, the darker color is considered to be the main color.
- (d) Observations should be made on a fully opened flower at the time of anther dehiscence.

Explanations for individual characteristics

Ad. 1: Stem: intensity of anthocyanin coloration

Observations should be made on the upper third before flowering.

Ad. 13: Flower bud: main color

Observations should be made when the flower bud is fully formed.

Ad. 22: Anther: color

Observations should be made just before anther dehiscence.

LITERATURE:

The Cambridge Illustrated Glossary of Botanical Terms: by Michael Hickey and Clive King

Name that flower: by Ian Clarke and Heleen Lee

Botanisch woordenboek: by Henk Eggelte

The Kew Plant Glossary, an illustrated dictionary of plant terms: by Henk Beentje

The Plant Lover's Guide to Sedums: by Brent Horvath