

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.

Echeveria DC.
Pachyphytum hookeri (Salm-Dyck) A. Be.
National protocol: NP/ECH-PCH/1.rev

Botanical taxon:	Echeveria DC.	
	Pachyphytum hookeri (Salm-Dijck) A. Be.	
Common Name (when known):	Echeveria	
Date of preparation of NP:	01-05-2016	
Date of revision of NP:	01-01-2020	
NP revised by:	W.A. Wietsma	
Sample to be examined:	VEGETATIVE	
Number of growing cycles:	1 year	
Closing date for applications:	1/12	
Submission date/period:	1/3 - 31/3	
Seed/Plant Quantity:	24 young plants able to show all their characteristics during the first year of 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: 20	Seed: not appl.
Minimum number of plants observed by measuring or counting:	Vegetative: 1	Seed: not appl.
Give description of when observations on the flower should take place:	At full flowering (if present)	
Give description of when/where observations on the leaf should take place:	Winter	
Give description of when/where the other observations should take place:	Winter	
Test will take place:	GREENHOUSE	
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 24	
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)		

Table of characteristics Echeveria and Pachyphytum

1. Plant: height (excl. inflorescence)	low	(3)	ubink pv-01
	medium	(5)	
	high	(7)	green pearl
2. Stem: thickness at base	small	(3)	green pearl
	medium	(5)	ubink 122
	large	(7)	
3. Stem: colour	light green	(1)	green pearl
	light green blue	(2)	ubink pv-01
	light grey green	(3)	
4. Stem: anthocyanin coloration	absent	(1)	ubink pv-01
	present	(9)	ubink 126
5. Stem: intensity of anthocyanin coloration	weak	(3)	ubink 126
	medium	(5)	blue pearl
	strong	(7)	
6. Leaf blade: length	short	(3)	ubink 122
	medium	(5)	green pearl
	long	(7)	ubink pv-01
7. Leaf blade: width	narrow	(3)	ubink 122
	medium	(5)	ubink 215
	broad	(7)	green pearl
8. Leaf blade: shape	oblanceolate	(1)	
	spoon-shaped	(2)	
	spatulate	(3)	
9. Leaf blade: colour of upper side (older leaf)	RHS Colour Chart (indicate reference number)		
10. Leaf blade: anthocyanin coloration (older leaf)	absent	(1)	green pearl
	present	(9)	ubink 122
11. Leaf blade: intensity of anthocyanin coloration (older leaf)	weak	(3)	blue pearl
	medium	(5)	ubink 122
	strong	(7)	
12. Leaf blade: colour of lower side (older leaf)	RHS Colour Chart (indicate reference number)		
13. Leaf blade: colour of upper side (young leaf)	RHS Colour Chart (indicate reference number)		
14. Leaf blade: anthocyanin coloration (young leaf)	absent	(1)	green pearl
	present	(9)	ubink 122
15. Leaf blade: intensity of anthocyanin coloration (young leaf)	weak	(3)	ubink 132
	medium	(5)	ubink 122
	strong	(7)	blue pearl
16. Leaf blade: colour of lower side (young leaf)	RHS Colour Chart (indicate reference number)		
17. Leaf blade: serrate	absent	(1)	
	present	(9)	
18. Leaf blade: undulation of margin	absent	(1)	
	present	(9)	
19. Leaf blade: shape in longitudinal -section	curved	(3)	
	flat	(5)	
	recurved	(7)	
20. Leaf blade: shape in cross-section	weak concave	(3)	ubink 126
	concave	(5)	green pearl
	strong concave	(7)	

21. Leaf blade: waxy layer	weak medium strong	(3) (5) (7)	ubink 126 green pearl
22. Inflorescence: main axis: length	short medium long	(3) (5) (7)	ubink 128 ubink 126 ubink 132
23. Inflorescence: number of flowers	few medium many	(3) (5) (7)	ubink101 ubink 215
24. Peduncle: colour	RHS Colour Chart (indicate reference number)		
25. Peduncle: anthocyanin coloration	absent present	(1) (9)	ubink 132 ubink pv-01
26. Peduncle: intensity of anthocyanin coloration	weak medium strong	(3) (5) (7)	ubink 122 ubink 215
27. Spike: length	short medium long	(3) (5) (7)	ubink 101 ubink 137 ubink 132
28. Pedicel: length	short medium long	(3) (5) (7)	ubink 132 ubink 215 ubink pv-01
29. Pedicel: colour	light green medium green dark green	(3) (5) (7)	ubink 132
30. Corolla: outer side: colour	RHS Colour Chart (indicate reference number)		
31. Corolla: inner side: colour	RHS Colour Chart (indicate reference number)		
32. Anther: length	short medium long	(3) (5) (7)	ubink 132 ubink 126
33. Stigma: colour	RHS Colour Chart (indicate reference number)		
Literature: Atrium tuinplanten encyclopedie: C. Brickell The Encyclopedia of Garden Flowers: K&G Bryant Encyclopedia of Garden Plants and Flower: Lance Hattate Dictionary of Gardening: The Royal Horticultural Society Hortica: A.B.Graf			