

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			