

Astilbe Buch.-Ham. ex G.Don.
National protocol: NP/ABE/1

Botanical taxon:	Astilbe Buch.-Ham. ex G.Don.	
Common Name (when known):	Astilbe	
Date of preparation of NP:	06-07-2012	
Date of revision of NP:	01-01-2020	
NP revised by:	W.A. Wietsma	
Sample to be examined:	VEGETATIVE	
Number of foreseen growing cycles:	1 year	
Closing date for applications:	1/12	
Submission date/period:	1/4 – 30/4	
Seed/Plant Quantity:	24 young plants	
Seed /Plant Quality:	Appropriate to be grown in the open and show all the characteristics in the first year of examination	
Special conditions sample:		
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	
Give description of when/where observations on the leaf should take place:	At full flowering	
Give description of when/where the other observations should take place:	At full flowering	
Test will take place:	OUTDOOR	
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 Astilbe

1. Plant: attitude	erect	(1)	Hip Hop Rode Perkeo
	erect to spreading	(2)	
	spreading	(3)	
2. Plant: height	low	(3)	Fireberry Hip Hop Red Quin
	medium	(5)	
	high	(7)	
3. Petiole: colour	light green	(3)	
	medium green	(5)	
	dark green	(7)	
4. Petiole: anthocyanin coloration	absent	(1)	Hip Hop Fireberry
	present	(9)	
5. Petiole: intensity of anthocyanin coloration	weak	(3)	Versred Verswhite Rode Perkeo
	medium	(5)	
	strong	(7)	
6. Leaf blade: length	short	(3)	
	medium	(5)	
	long	(7)	
7. Leaf blade: width	narrow	(3)	
	medium	(5)	
	broad	(7)	
8. Leaf blade: colour of upper side RHS Colour Chart (indicate reference number)			
9. Leaf blade: anthocyanin coloration	absent	(1)	Fire Berry
	present	(9)	
10. Leaf blade: intensity of anthocyanin coloration	weak	(3)	
	medium	(5)	
	strong	(7)	
11. Leaf blade: glossiness of upper side	weak	(3)	Little Vision in Purple Rode Perkeo Red Quin
	medium	(5)	
	strong	(7)	
12. Leaf blade: pubescence of upper side	weak	(3)	Hip Hop Vision Inferno
	medium	(5)	
	strong	(7)	
13. Leaf blade: colour of lower side	light green	(3)	
	medium green	(5)	
	dark green	(7)	
14. Leaf blade: pubescence of lower side	weak	(3)	Hip Hop Visions Inferno
	medium	(5)	
	strong	(7)	
15. Leaf blade: shape in cross-section	weakly concave	(3)	Fire Berry New Wave
	medium concave	(5)	
	strongly concave	(7)	
16. Leaflet: shape of base	acute	(1)	Hip Hop Rode Perkeo
	rounded	(2)	
17. Inflorescence: width	narrow	(3)	Fireberry Champagne Fizzle Versred
	medium	(5)	
	broad	(7)	

18. Inflorescence: position of laterals	angle to main axis (°)		
19. Peduncle: cross-section	small medium large	(3) (5) (7)	Versred Red Quin Visions Inferno
20. Peduncle: colour	light green medium green dark green	(3) (5) (7)	Visions Inferno Rode Perkeo
21. Peduncle: anthocyanin coloration	absent present	(1) (9)	Versred Rode Perkeo
22. Peduncle: intensity of anthocyanin coloration	weak medium strong	(3) (5) (7)	New Wave Rode Perkeo
23. Peduncle: pubescence	weak medium strong	(3) (5) (7)	Versred Red Quin
24. Pedicel: colour			
25. Pedicel: pubescence	weak medium strong	(3) (5) (7)	Visions Inferno Little Visions in Purple
26. Bud: colour			
27. Flower: cross-section	small medium large	(3) (5) (7)	Fireberry Hip Hop Red Quin NVDH 100
28. Calyx: colour			
29. Petal: shape of top	acute round	(1) (2)	Hip Hop Versred
30. Petal: colour	RHS Colour Chart (indicate reference number)		
31. Filament: colour			
32. Anther: colour			
33. Styles: colour			
34. Stigma: colour			
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			