

Allium
National protocol: NP/UIS/2

Examination office	Naktuinbouw	
Reference of the protocol	NP/UIS/2	
Date of preparation of the protocol	01-01-2023	
Date of entry into force of the protocol	01-01-2022	
Botanical taxon:	Allium L. and hybrids	
Common Name (when known):	ornamental onion	
Way of propagation of the plants to be examined	Self or cross pollinated seed propagated X	
	Vegetatively propagated X	
Number of growing cycles:	1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> Other <input type="checkbox"/> specify Click or tap here to enter text.	
List of grouping characteristics	Yes <input checked="" type="checkbox"/> if yes put as annex No <input type="checkbox"/>	
Minimum number of plants in trial	Vegetative: 25	Seed:
Minimum number of plants observed by measuring or counting:	Vegetative: 1	Seed:
Give description of when observations should take place	During flowering	
Uniformity: <ul style="list-style-type: none"> - 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 25 plants, 1 off-types are allowed. - For the assessment of uniformity for cross-pollinated varieties, the recommendations for cross-pollinated varieties in the General introduction of UPOV should be applied. The variability within the variety should not exceed the variability of comparable varieties already known. 		
Table 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 Allium

1. Plant: height	low	(3)	Powder Puff
	medium	(5)	Red Mohican
	high	(7)	Summer Drummer
2. Plant: number of flowering stems	few	(3)	Yellow Fantasy
	medium	(5)	Medusa
	many	(7)	Millennium
3. Leaf: number	few	(3)	Bolero
	medium	(5)	
	many	(7)	Millennium
4. Leaf blade: length	small	(3)	Cameleon
	medium	(5)	Red Mohican
	long	(7)	White Empress
5. Leaf blade: width	narrow	(3)	Red Mohican
	medium	(5)	Summer Drummer
	broad	(7)	Mercurius
6. Leaf blade: colour	RHS Colour Chart (indicate reference number)		
7. Leaf blade: anthocyanin coloration	weak	(3)	Ostara
	medium	(5)	Rosy Dream
	strong	(7)	Cameleon
8. Leaf blade: shape in cross-section	weakly concave	(3)	Purple Rhapsody
	medium concave	(5)	Red Mohican
	strongly concave	(7)	Rosy Dream
9. Leaf blade: pubescence at edge	absent	(1)	Rosy Dream
	present	(9)	Cameleon
10. Leaf blade: glossiness	weak	(3)	Powder Puff
	medium	(5)	Rosy Dream
	strong	(7)	Medusa
11. Peduncle: length	short	(3)	Powder Puff
	medium	(5)	Red Mohican
	long	(7)	Summer Drummer
12. Peduncle width	small	(3)	Rosy Dream
	medium	(5)	Spider
	broad	(7)	Purple Caila
13. Peduncle colour	RHS Colour Chart (indicate reference number)		
14. Peduncle: anthocyanin coloration	weak	(3)	Bolero
	medium	(5)	Ostara
	strong	(7)	
15. Peduncle shape	round	(1)	Bolero
	flat-round	(2)	Purple Caila
	flat	(3)	Millennium
	elliptic	(4)	Purple Rhapsody
16. Peduncle: waxy layer	weak	(3)	Medusa
	medium	(5)	Purple Caila
	strong	(7)	Bolero
17. Involucral bract: colour	light green	(3)	Yellow Fantasy
	medium green	(5)	Bolero
	dark green	(7)	
18. Involucral bract: anthocyanin coloration	weak	(3)	Medusa
	medium	(5)	Ostara
	strong	(7)	
19. Inflorescence: shape	elliptic	(1)	A. obliquum L.
	ovate	(2)	A. schoenoprasum L.
	obovate	(3)	A. neapolitanum Cir.
	rhombic	(4)	A. akaka Jaub. & Spach
	triangular	(5)	A. sphaeococephalon L.

20. Inflorescence: size of cross-section	small medium broad	(3) (5) (7)	Ostara Purple Caila Spider
21. Inflorescence: number of flowers	few medium many	(3) (5) (7)	Cameleon
22. Pedicel: length	small medium long	(3) (5) (7)	Ostara Spider Artic Snow
23. Pedicel: width	narrow medium broad	(3) (5) (7)	Purple Caila Spider Artic Snow
24. Pedicel: colour	light green medium green dark green	(3) (5) (7)	Rosy Dream Ostara Rosy Bells
25. Pedicel: anthocyanin coloration	weak medium strong	(3) (5) (7)	Ostara Metalic Shine Red Mohican
26. Pedicel: waxy layer	weak medium strong	(3) (5) (7)	Spider Ostara
27. Perianth: size in cross-section	small medium large	(3) (5) (7)	Medusa Bolero Spider
28. Perianth: shape	bell star cup campanulate-tubular	(1) (2) (3) (4)	Yellow Fantasy Rosy Dreams Rosy Bells Medussa
29. Tepal: length	small medium long	(3) (5) (7)	Medusa Purple Caila Spider
30. Tepal: width	narrow medium broad	(3) (5) (7)	Medusa Bolero Rosy Bells
31. Tepal: colour	RHS Colour Chart (indicate reference number)		
32. Tepal: colour main vein	colour (not RHS)		
33. Tepal: shape	ovate ovate to elliptic elliptic obovate	(1) (2) (3) (4)	Medusa Yellow Fantasy Cameleon Rosy Bells
34. Tepal: shape in cross-section	weak concave medium concave strong concave	(3) (5) (7)	Bolero Rosy Dream Medusa
35. Tepal: apex: recurvation	weak medium strong	(3) (5) (7)	Artic Snow Rosy Dream Bolero
36. Filament: length	small medium long	(3) (5) (7)	Rosy Bells Purple Caila Medusa
37. Filament: colour	colour (not RHS)		
38. Anther: length	small medium long	(3) (5) (7)	Yellow Fantasy Ostara Spider
39. Anther: colour	colour (not RHS)		
40. Pollen: colour	colour (not RHS)		
41. Style: length	small medium	(3) (5)	Yellow Fantasy Powder Puff

	long	(7)	Purple Caila
42. Style: colour	colour (not RHS)		
43. Stigma: colour	colour (not RHS)		
44. Ovary: colour	colour (not RHS)		
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 Bol- en knolgewassen: Roger Philips/Martyn Rix (NL bewerking: Johan van Scheepen, (KAVB)			