

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.

Curcuma
National protocol: NP/CCM/1

Botanical taxon:	Curcuma L.	
Common Name (when known):	Turmeric	
Date of preparation of NP:	15-08-2013	
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:	15/4 - 15/5	
Seed/Plant Quantity:	24 young plants	
Seed /Plant Quality:	Able to show all its 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:	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 Curcuma

1. Plant: height (incl. inflorescence)	low	(3)	Curalimei
	medium	(5)	Curubon03
	high	(7)	Zelpegre
2. Leaf: length (incl. petiole)	short	(3)	Curpince
	medium	(5)	Curubon03
	long	(7)	Ubogran
3. Leaf blade: length	short	(3)	Curblufa
	medium	(5)	Curpince
	long	(7)	Curthalla
4. Leaf blade: width	narrow	(3)	Curpince
	medium	(5)	Curdossi
	broad	(7)	Zelpegre
5. Leaf blade: shape	narrow	(3)	Curmarijke
	medium	(5)	Curchocro
	broad	(7)	Curthalla
6. Leaf blade: colour of upper side (RHS Colour Chart (indicate reference number))			
7. Leaf blade: anthocyanin coloration	absent	(1)	Zelpegre
	present	(9)	Curdossi
8. Leaf blade: intensity of anthocyanin coloration	weak	(3)	Curdossi
	medium	(5)	
	strong	(7)	
9. Leaf blade: main vein	absent	(1)	Zelpegre
	present	(9)	Curthalla
10. Leaf blade: width of main vein	narrow	(3)	
	medium	(5)	Curalimei
	broad	(7)	
11. Leaf blade: anthocyanin coloration of main vein	absent	(1)	Zelpegre
	present	(9)	Curubon02
12. Leaf blade: intensity of anthocyanin coloration	weak	(3)	Curdossi
	medium	(5)	Curubon02
	strong	(7)	Curpurdi
13. Leaf blade: colour of lower side	light green	(3)	Curthalla
	medium green	(5)	
	dark green	(7)	
14. Peduncle: length	short	(3)	Curpince
	medium	(5)	Curchocro
	long	(7)	Curthalla
15. Spike: length	short	(3)	Curthalla
	medium	(5)	Zelpegre
	long	(7)	Ubogran
16. Spike: width	narrow	(3)	Curalidopa
	medium	(5)	Curobon3
	broad	(7)	Curchocro
17. Lower bracts: number	few	(3)	Curprince
	medium	(5)	Bkubon01
	many	(7)	Zelpegre
18. Lower bracts: colour (RHS Colour Chart (indicate reference number))			

19.	Lower bracts: anthocyanin coloration	absent present	(1) (9)	Curprince Curhocro
20.	Lower bracts: intensity of anthocyanin coloration	weak medium strong	(3) (5) (7)	Curalimei Curhoco
21.	Upper bracts: number	few medium many	(3) (5) (7)	Zelpegre Curthalla Zelpesh
22.	Upper bracts: colour	(RHS Colour Chart (indicate reference number))		
23.	Upper bracts: anthocyanin coloration	absent present	(1) (9)	Curhocro Curubon3
24.	Upper bracts: intensity of anthocyanin coloration	weak medium strong	(3) (5) (7)	Curdjenna Curubon3 Curprince
25.	Flower: length	short medium long	(3) (5) (7)	Ubogran Curalimei Curthalla
26.	Flower: width	narrow medium broad	(3) (5) (7)	Ubogran Curchroco Curthalla
27.	Calyx: colour	white light blue	(1) (2)	Curpince Curthalla
28.	Corolla: shape of upper lobe:	obovate broad obovate	(1) (2)	Ubogran Curhocro
29.	Corolla: colour of upper lobe:	(RHS Colour Chart (indicate reference number))		
30.	Corolla: striping of upper lobe:	absent present	(1) (9)	Curabon03 Curthalla
31.	Corolla: number of stripes of upper lobe	one two	(1) (2)	Zelpegre Curthalla
32.	Corolla: colour remaining lobes:	white light blue light blue violet light violet yellow orange	(1) (2) (3) (4) (5)	Curprince Curzena Zelpegre Curhocro Ubogran
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				