

Philodendron
National protocol: NP/PHI/1

Examination office	Naktuinbouw	
Reference of the protocol	NP/PHI/1	
Date of preparation of the protocol	01/03/2025	
Date of entry into force of the protocol	01/04/2025	
Botanical taxon:	Philodendron schott	
Common Name (when known):	Philodendron	
Way of propagation of the plants to be examined	Self or cross pollinated seed propagated <input type="checkbox"/> Vegetatively propagated <input checked="" type="checkbox"/>	
Number of growing cycles:	1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> Other <input type="checkbox"/> specify -	
List of grouping characteristics	Yes <input type="checkbox"/> if yes put as annex No <input checked="" type="checkbox"/>	
Minimum number of plants in trial	Vegetative:10	Seed: -
Minimum number of plants observed by measuring or counting:	Vegetative:1	Seed: -
Give description of when observations should take place	All observations should take place: after 9 month growing in the test facility.	
Uniformity: - 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 10 plants, 1 off-types are allowed.		
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:

N°	Characteristics	Examples	Note
1.	Plant: height		
QN	very short	-	1
	very short to short	Mc Colley's Finale	2
	short	-	3
	short to medium	mukchoc	4
	medium	-	5
	medium to tall	Florida Beauty green	6
	tall	Black Gardinal	7
	tall to very tall	-	8
	very tall	-	9
2.	Plant: width		
QN	very narrow	-	1
	very narrow to narrow	Mc Colley's Finale	2
	narrow	Sun Red	3
	narrow to medium	-	4
	medium	ppipve007	5
	medium to broad	-	6
	broad	Black Gardinal	7
	broad to very broad	-	8
	very broad	-	9
3.	Stem: length of internode		
QN	absent to very short	Mc Colley's Finale	1
	Short	Florida Beauty green	2
	Medium	-	3
	long	ppipve007	4
	very long	-	5
4.	Cataphyll: color		
PQ	RHS Colour Chart (indicate reference number)	-	

N°	Characteristics	Examples	Note
5.	Cataphyll: pubescence		
QL	absent	FLOPHI1901	1
	present	PPIPVE007	9
6.	Leaf blade: length		
QN	very short	-	1
	very short to short	-	2
	short	Mc Colley's Finale	3
	short to medium	Black Gardinal	4
	medium	Red Beauty	5
	medium to tall	ppiphflbro014	6
	tall	-	7
	tall to very tall	-	8
	very tall	-	9
7.	Leaf blade: width		
QN	very narrow	-	1
	very narrow to narrow	Mc Colley's Finale	2
	narrow	ppipve015	3
	narrow to medium	-	4
	medium	ppipve007	5
	medium to broad	Florida Beauty green	6
	broad	-	7
	broad to very broad	-	8
	very broad	-	9
8.	Leaf blade: change of shape by aging		
QL	absent	FLOPHI1901	1
	present	Little Hope	9
9.	Leaf blade: shape		
PQ	ovate	Mukchoc	1
	cordate	FLOPHI1901	2
	obovate	-	3
	hastate	Florida Beauty	4
	sagittate	-	5

N°	Characteristics	Examples	Note
	pinnatifid	Little Hope	6
10.	Leaf blade: size of lobes		
QN	absent or very small	NATHPI01	1
	small	-	2
	medium	ppiphflbro014	3
	large	Florida Beauty green	4
	very large	-	5
11.	Leaf blade: depth of incisions		
QN	absent or very shallow	-	1
	shallow	Little Hope	2
	medium	-	3
	deep	Florida Beauty green	4
	very deep	-	5
12.	Leaf blade: undulation of margin		
QN	absent to very weak	Mc Colley's Finale	1
	weak	Mukchoc	2
	medium	-	3
	strong	PHELS02	4
	very strong	-	5
13.	Leaf blade: shape apex		
PQ	acuminate	PPIPHFB014	1
	acute	-	2
	rounded	-	3
	obtuse	-	4
14.	Leaf blade: shape base		
PQ	acute	FLOPHI1901	1
	rounded	Mc Colley's Finale	2
	cordate	-	3
	calcarate	Mukchoc	4

N°	Characteristics	Examples	Note
15.	Leaf blade: number of color of upper side		
QN	one	FLOPHI1901	1
	two	NATHPI01	2
	more than two	-	3
16.	Leaf blade: main color of upper side		
PQ	RHS Colour Chart (indicate reference number)	-	
17.	Leaf blade: secondary color of upper side		
PQ	RHS Colour Chart (indicate reference number)	-	
18.	Leaf blade: distribution of secondary color of upper side		
QN	basal zone	-	1
	central zone	-	2
	apex	-	3
	margin	-	4
	along veins	NATHPI01	5
	throughout	-	6
19.	Leaf blade: pattern of secondary color of upper side		
	solid	NATHPI01	1
	flushed	-	2
	spotted	-	3
20.	Leaf blade: main color of lower side		
PQ	RHS Colour Chart (indicate reference number)	-	
21.	Leaf blade: color of main vein on lower side		
PQ	RHS Colour Chart (indicate reference number)	-	
22.	Sheath: length		
QN	very short	-	1
	Short	mukchoc	2
	Medium	FLOPHI1901	3
	long	Black Gardinal	4
	very long	-	5

N°	Characteristics	Examples	Note
23.	Sheath: color		
PQ	RHS Colour Chart (indicate reference number)	-	
24.	Petiole: length		
QN	very short	-	1
	very short to short	Mc Colley's Finale	2
	short	-	3
	short to medium	NATHPI01	4
	medium	ppiphflbro014	5
	medium to tall	Florida Beauty green	6
	tall	-	7
	tall to very tall	ppipve007	8
	very tall	-	9
25.	Petiole: color		
PQ	RHS Colour Chart (indicate reference number)	-	
26.	Petiole: pubescence		
QL	absent	NATHPI01	1
	present	PPIPVE007	9
27.	Petiole: pubescence color		
PQ	RHS Colour Chart (indicate reference number)	-	

LITERATURE:

The Cambridge Illustrated Glossary of Botanical Terms: by Michael Hickey and Clive King

Botanisch woordenboek: by Henk Eggelte

Hortica: Color cyclopedia of Garden flora in all climates and Plants Indoor: by A.B. Graf

Plantopedia: by Lauren Camilleri