

Technical questionnaire

banana

CPVO/TQ-123

Mandatory fields or sections are marked with an asterisk ()*

01 . Botanical taxon: name of the genus, species or sub-species to which the variety belongs:

Musa acuminata Colla

Musa sikkimensis Kurz

Other (please specify)

02 . Application code:

For office use only

03 . Breeder's reference:

Breeder's Ref.

04 . Information on the breeding scheme and propagation of the variety**04 . 01 . Breeding scheme ****(this question could be confidential)*

crossing

mutation

discovery

Please state where and when discovered and how the variety has been developed

other origin

Please provide details

04 . 01.01 . Crossing **(this question could be confidential)*

controlled cross

Indicate denomination and species of the parent varieties

partially known cross

Indicate denomination and species of the known parent variety(ies)

unknown cross

04 . 01.02 . In case of mutation, please fill in the table below: **(this question could be confidential)*

Denomination of the parent variety	Characteristic(s) in which your candidate variety differs from the parent variety	Describe the expression of the characteristic(s) for the parent variety	Describe the expression of the characteristic(s) for your candidate variety

04 . 02 . Method of propagation of the variety *

vegetatively propagated

Please specify the method

seed propagated



04 . 03 . In the case of seed propagated varieties, method of production: *

self-pollination

cross pollination

hybrid

other method

Please specify

05 . Characteristics of the variety to be indicated

(the number in brackets refers to the corresponding characteristic in the UPOV Technical Guidelines, please mark the state of expression which best corresponds).

05 . 01 . Pseudostem: length (3) *

1 - very short	Dwarf Cavendish, Salta do Cacho
2 - very short to short	
3 - short	Giant Cavendish, IAC 2001, Williams
4 - short to medium	
5 - medium	Pisang Mas, Poyo, Prata Anã, Sucrier
6 - medium to long	
7 - long	Pacovan
8 - long to very long	
9 - very long	Branca, Gros Michel, Prata, Thap Maeo

05 . 02 . Bunch: length (25) *

1 - very short	
2 - very short to short	
3 - short	Bluggoe, Sucrier
4 - short to medium	
5 - medium	Branca, Pacovan, Prata
6 - medium to long	
7 - long	Grand Nain, Gros Michel, IAC 2001, Williams
8 - long to very long	
9 - very long	



05 . 03 . Bunch: diameter (26) *

1 - very narrow	
2 - very narrow to narrow	
3 - narrow	Pisang Mas, Silk, Sucrier
4 - narrow to medium	
5 - medium	Nanicão, Prata, Poyo
6 - medium to broad	
7 - broad	D'Angola, Dwarf Cavendish, IAC 2001
8 - broad to very broad	
9 - very broad	

05 . 04 . Fruit: longitudinal ridges (36) *

1 - absent or weak	IAC 2001, Silk, Sucrier, Yangambi Km 5
2 - moderate	Gros Michel, Pacovan, Prata
3 - strong	Buggloe, Gia Hui, Terra

05 . 05 . Fruit: length (37) *

1 - very short	
2 - very short to short	
3 - short	Silk, Sucrier, Thap Maeo
4 - short to medium	
5 - medium	IAC 2001, Grand Nine, Pacovan
6 - medium to long	
7 - long	D'Angola, Gia Hui, Terra
8 - long to very long	
9 - very long	

05 . 06 . Fruit: shape of apex (40) *

1 - rounded	Green Red, IRFA 2003, Pisang Mas, Sucrier
2 - truncate	Dwarf Cavendish, IAC 2001, Williams
3 - bottle-necked	Figo Cinza, Gros Michel
4 - pointed	Branca, Pacova, Pacovan, Terra



05 . 07 . Fruit: thickness of peel (41) *

1 - very thin	
2 - very thin to thin	
3 - thin	Branca, Silk, Sucrier
4 - thin to medium	
5 - medium	Dwarf Cavendish, IAC 2001, Williams
6 - medium to thick	
7 - thick	Buggloe, Pacovan, Terra
8 - thick to very thick	
9 - very thick	

05 . 08 . Fruit: colour of peel (43) *

1 - light yellow	Branca, Gros Michel, Pacovan
2 - medium yellow	Bluggoe, Plantain, Prata
3 - greenish yellow	Dwarf Cavendish, IAC 2001, Williams
4 - green	Gia Hui
5 - dark yellow	Pisang Mas, Silk, Sucrier
6 - orange	
7 - red orange	Gren Red, São Tomé
8 - reddish	Caru Roxa
9 - black	Black French Plantain

05 . 09 . Fruit: colour of flesh (46) *

1 - white	Branca, Gros Michel, Pisang awak, Silk
2 - whitish	IAC 2001, Pacovan, Prata, Williams
3 - cream	Caru Roxa, São Tomé
4 - yellow	Pisang Mas, Sucrier
5 - orange	D'Angola, Terra
6 - pinkish cream	São Domingos

05 . 10 . Fruit: firmness of flesh (47) *

1 - soft	Grand Nain, IAC 2001, Silk
2 - soft to medium	
3 - medium	Branca, Pacovan, Prata
4 - medium to firm	
5 - firm	Bluggoe, Gia Hui, Terra



06 . Similar varieties and differences from these varieties

Please note that information on similar varieties may help to identify comparable varieties and can avoid an additional period of testing.

06 . 01 . Are there any similar varieties known? *

Yes

No

06 . 02 . Similar varieties and differences from these varieties: *

Denomination(s) of variety(ies) similar to your candidate variety	Characteristic(s) in which your candidate variety differs from the similar variety(ies)	Describe the expression of the characteristic(s) for the similar variety(ies)	Describe the expression of the characteristic(s) for your candidate variety

07 . Additional information which may help to distinguish the variety ***07 . 01 . Resistance to pests and diseases ***

Yes, specify

No

07 . 02 . In addition to the information provided in sections 05 and 06, are there any additional characteristics which may help to distinguish the variety? *

Yes, specify

No

07 . 03 . Are there any special conditions for growing the variety or conducting the examination? *

Yes, specify

No

07 . 04 . Other information *

Yes, specify

No

07 . 05 . Photo *

A representative colour photo of the variety must be **added** to the technical questionnaire.



08 . GMO-information ***08 . 01 . GMO-information required ***

The variety represents a Genetically Modified Organism within the meaning of Article 2(2) of Council Directive EC/2001/18 of 12/03/2001.

Yes

If yes, please attach in point 08.02 a copy of the written attestation of the responsible authorities stating that a technical examination of the variety under Articles 55 and 56 of the Basic Regulation does not pose risks to the environment according to the norms of the above-mentioned Directive.

No

08 . 02 . In case of GMO, joint attestation of the responsible authorities stating that a technical examination of the variety under Articles 55 and 56 of the Basic Regulation does not pose risks to the environment according to the norms of the above-mentioned Directive.

09 . Information on plant material to be examined *

The expression of a characteristic or several characteristics of a variety may be affected by factors, such as pests and disease, chemical treatment (e.g. growth retardants or pesticides), effects of tissue culture, different rootstocks, scions taken from different growth phases of a tree, etc. Consequently the plant material to be examined should not have undergone any treatment which would affect the expression of the characteristics of the variety, unless the competent authorities allow or request such treatment. If the plant material has undergone such treatment, full details of the treatment must be given. In this respect, please indicate below, to the best of your knowledge, if the plant material to be examined has been subjected to:

09 . 01 . Micro-organisms (e.g. virus, bacteria, phytoplasma) *

Yes, specify

No

09 . 02 . Chemical treatment (e.g. growth retardant or pesticide) *

Yes, specify

No

09 . 03 . Tissue culture *

Yes, specify

No

09 . 04 . Other factors *

Yes, specify

No



10 . Possible place of the technical examination

In case the CPVO needs to arrange a technical examination for this candidate variety, there might be more than one examination office entrusted by the CPVO suitable to grow your variety. In this case, the Office will decide on the place of the technical examination but you might wish to express here a preference in respect of an examination office. The available entrusted examination offices for that species can be found in the S3 Gazette under:<http://cpvo.europa.eu/en/applications-and-examinations/technical-examinations/entrusted-examination-offices>

You will also find in the S2 Gazette further information about submission of plant material and deadlines for numerous major species:<http://cpvo.europa.eu/en/applications-and-examinations/technical-examinations/submission-of-plant-material-s2-publication>

10 . 01 . Country where the examination could take place

Country

Attached document(s)

The following forms or documents are attached to this application : please tick the relevant boxes

Other confidential documents

Photo

Remark



DECLARATIONS *

I/we hereby declare that to the best of my/our knowledge the information given in this form is complete and correct.

Place

Date

Name

Signature

