

Technical questionnaire

kiwifruit

CPVO/TQ-098/3

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:

Actinidia Lindl.

Actinidia arguta (Siebold & Zucc.) Planch. ex Miq.

Actinidia arguta (Siebold & Zucc.) Planch. ex Miq. × *A. deliciosa* (A. Chev.) C. F. Liang & A. R. Ferguson

Actinidia chinensis Planch.

Actinidia chinensis Planch. × *A. deliciosa* (A. Chev.) C. F. Liang & A. R. Ferguson

Actinidia chinensis Planch. × *A. eriantha* Benth.

Actinidia deliciosa (A. Chev.) C. F. Liang & A. R. Ferguson

Actinidia kolomikta (Maxim. & Rupr.) Maxim.

Actinidia valvata Dunn

Actinidia × *fairchildii* Rehder (*A. arguta* (Siebold & Zucc.) Planch. ex Miq. × *A. deliciosa* (A. Chev.) C. F. Liang & A. R. Ferguson)

Other species (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 *

cuttings	
in vitro propagation	
grafting	Indicate rootstock
other	Please specify

04 . 03 . Pollenizer (for female and fruit setting hermaphroditic varieties only)

Male pollenizers suitable for the candidate variety are the following varieties:

05 . Characteristics of the variety to be indicated *

(the number in brackets refers to the corresponding characteristic in the CPVO Technical Protocol; please mark the state of expression which best corresponds)

05 . 01 . Time of beginning of flowering (for all varieties) (75) (G) *

1 - very early	
2 - very early to early	
3 - early	Hort16A (A), Yukimusume (B)
4 - early to medium	
5 - medium	Abbott (A), Kousui (B), Soreli (A)
6 - medium to late	
7 - late	Hayward (A)
8 - late to very late	
9 - very late	

05 . 02 . Fruit: weight (for female and hermaphrodite varieties) (46) (G)

1 - very low	Jumbo (B)
2 - very low to low	
3 - low	Dong Hong (A), Huaguang2 (A)
4 - low to medium	
5 - medium	Hort16A (A), Hortgem Tahí (B), Tomua (A)
6 - medium to high	
7 - high	Hayward (A), Jin Feng (A)
8 - high to very high	
9 - very high	Jade Moon (A)



05 . 03 . Fruit: shape (for female and hermaphrodite varieties) (50) (G)

1 - ovate	Hort16A (A), Jecy Gold (A), Yamagatamusume (B)
2 - oblong	Hortgem Toru (B), Wilkins Super (A)
3 - elliptic	Hayward (A), Mitsukou (B)
4 - circular	Hort51-1785 (A), Minkigold (A)
5 - oblate	Katiuscia (A), Kuimi (A), Shinzan (B)
6 - obovate	Monty (A)

05 . 04 . Fruit: styler end (for female and hermaphrodite varieties) (52) (G)

1 - strongly depressed	RS1 (A)
2 - weakly depressed	HFR 18 (A), Jade Moon (A)
3 - flat	Hayward (A), Satoizumi (B)
4 - rounded	Kousui (B), Tomua (A)
5 - weakly blunt protruding	Skelton (A)
6 - strongly blunt protruding	Hort16A (A)
7 - pointed protrusion	Hortgem Toru (B)

05 . 05 . Fruit: hairiness of skin (for female and hermaphrodite varieties) (59) (G)

1 - absent	a-Shouwa (B), Hortgem Toru (B), Shinzan (B)
9 - present	Hayward (A)

05 . 06 . Fruit: colour of outer pericarp (for female and hermaphrodite varieties) (65) (G)

1 - light green	Shinzan (B), S600 (A)
2 - medium green	Hayward (A)
3 - dark green	Hortgem Toru (B)
4 - greenish yellow	Dong Hong (A), Hort22D (A), Satoizumi (B)
5 - medium yellow	Hort16A (A), Kousui (B)
6 - dark yellow	Hort51-1785 (A), Soreli (A)
7 - yellowish orange	
8 - orange	
9 - red	
10 - red purple	



05 . 07 . Fruit: colour of locules (for female and hermaphrodite varieties) (66) (G)

1 - light green	Jumbo (B), Shinzan (B)
2 - medium green	Hayward (A), Hortgem Tahii (B)
3 - dark green	Hortgem Toru (B)
4 - greenish yellow	Jinyan (A), Satoizumi (B)
5 - medium yellow	Hort16A (A), Kousui (B)
6 - dark yellow	Hort51-1785 (A), Soreli (A)
7 - red	Hort22D (A), Hortgem Rua (B)
8 - red purple	HFR 18 (A)

05 . 08 . Time of maturity for harvest (for female and hermaphrodite varieties) (76) (G)

1 - very early	Hortgem Rua (B)
2 - very early to early	
3 - early	Hort22D (A), Hortgem Tahii (B), Yamagatamusume (B), Y368 (A)
4 - early to medium	
5 - medium	HFR 18 (A), Kousui (B), Tomua (A)
6 - medium to late	
7 - late	Hayward (A), Yukimusume (B)
8 - late to very late	
9 - very late	

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 . In addition to the information provided in sections 5 and 6, are there any additional characteristics which may help to distinguish the variety? *

07 . 01.01 . Plant: ploidy *

2 - diploid	Hort16A (A), Kousui (B)
3 - triploid	
4 - tetraploid	Hortgem Tahí (B), Kaimutu(A)
5 - pentaploid	Shinzan (B)
6 - hexaploid	Hayward (A), Mitukou (B)
8 - octoploid	

07 . 02 . Are there any special conditions for growing the variety or conducting the examination? *

Yes

No

07 . 03 . Other information *

Yes, specify

No

07 . 04 . Resistance to pests and diseases *

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



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

