Breeder's Ref.

Raad voor plantenrassen

Technical questionnaire

quinoa

Version 1

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

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

- ◯ *Chenopodium quinoa* Willd.
- ◯ *Chenopodium quinoa* Willd.
- ◯ Other species (please specify)

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02 . Application code:

For office use only

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03 . Breeder's reference

Breeder's Ref.

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04 . Information on the breeding scheme and propagation of the variety

04 . 01 . Breeding scheme *

- ◯ crossing
- ◯ mutation
- ◯ discovery
- ◯ other origin

Please provide details

04 . 02 . Should the following question under 04.04 be treated as confidential? *

- ◯ Yes
- ◯ No

Breeder's Ref.

04 . 03 . Confidentiality justification *

(this question could be confidential)

Please explain why the information is to be considered as confidential and how its disclosure would harm your commercial interests (included but not limited to business relations, manufacturing secrets, expertise, commercial strategies, intellectual property) under Article 4(2) of Regulation 1049/2001. Since the general rule is transparency, it is in your best interest to provide strong reasons to support your request for confidentiality. If a public access request is received, the Office will evaluate your justifications and decide whether to disclose or not the information.

Please provide detailed explanations *

04 . 04.01 . 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 . 04.02 . Mutation *

(this question could be confidential)

Denomination of the parent variety (in case the denomination is unknown or botanical material of the species was used, it must be stated explicitly)	Characteristic(s) from 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 . 04.03 . Discovery and development *

(this question could be confidential)

Please state where the variety was discovered *

Please state when the variety was discovered *

Please state how the variety has been developed *

04 . 05 . Method of propagation of the variety *

- ◯ vegetatively propagated — Please specify the method
- ◯ seed propagated

Breeder's Ref.

04 . 05.01 . Please specify the method of production *

- ◯ self-pollination
- ◯ cross pollination — Please provide details
- ◯ other method — Please provide details

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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 . Grain: saponin content *(1) (G)* *

◯ 1 - absent or low	Jessie, Vikinga
◯ 2 - medium	Carmen, Zeno
◯ 3 - high	Puno, Titicaca

05 . 02 . Time of flowering *(7) (G)* *

◯ 1 - very early	
◯ 2 - very early to early	
◯ 3 - early	Jessie, Vikinga
◯ 4 - early to medium	
◯ 5 - medium	Red Carina, Regalona
◯ 6 - medium to late	
◯ 7 - late	Atlas
◯ 8 - late to very late	
◯ 9 - very late	

05 . 03 . Inflorescence: colour *(12)* *

◯ 1 - white	Jessie, Regalona
◯ 2 - green	
◯ 3 - yellow	Atlas
◯ 4 - orange	Titicaca
◯ 5 - pink	Carmen
◯ 6 - purple	Red Carina

Breeder's Ref.

05 . 04 . Seed: colour *(18) (G)* *

◯	1 - whitish	Puno
◯	2 - yellow	Jessie
◯	3 - red	
◯	4 - light brown	Carmen
◯	5 - grey	
◯	6 - black	Red Carina

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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

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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? *

◯ Yes, specify

◯ No

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

◯ Yes, specify

◯ No

07 . 03 . Other information *

◯ Yes, specify

◯ No

Breeder's Ref.

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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.

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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 . Other factors *

- ◯ Yes, specify
- ◯ No

Breeder's Ref.

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

Print Reset