



Technical questionnaire

leaf chicory

Version 11

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:

Cichorium intybus L. (Leaf Chicory Group) (syn. *Cichorium intybus* L. var. *foliosum* Hegi)

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 . Type of material *

hybrid

cross-pollinated variety

self-pollinated variety

parental line

04 . 01.01 . Parental line use

(this question could be confidential)

In many cases there is a link in morphological expression of characteristics between the parental line and its hybrids. Therefore, it is recommended to provide information about the identity of hybrid varieties where the parental line is used. This makes the organisation of the technical examination more efficient and lowers the risk of an additional year at the costs of the applicant. This information will only be shared with the examination office in charge of the technical examination.
In accordance with Article 88(3) of Regulation 2100/1994 the Office will treat the information under this section as confidential on request of the applicant.

Please indicate for the production of which hybrid variety(ies) the parental line is used

04 . 02 . Method of propagation of the variety *

seed propagated

vegetatively propagated

Please specify

04 . 03. . Should the following question on genetic origin and breeding method be treated as confidential? *

Yes

No

04 . 04 . 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 . 05 . Information on the breeding method and the genetic origin of the application*(this question could be confidential)*

breeding method

parentage with any other 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 . Plant: diameter (2) *

1 - very small	Triestina da taglio
2 - very small to small	
3 - small	A grumolo verde, Firestorm
4 - small to medium	
5 - medium	Granato, Rossa di Treviso precoce
6 - medium to large	
7 - large	Pan di zucchero
8 - large to very large	
9 - very large	Catalogna puntarelle a foglia frastagliata, Tobago

05 . 02 . Leaf: length (4) *

1 - very short	
2 - very short to short	
3 - short	A grumolo verde
4 - short to medium	
5 - medium	Rossa di Verona precoce
6 - medium to long	
7 - long	Pan di zucchero
8 - long to very long	
9 - very long	Catalogna a foglie frastagliate

05 . 03 . Leaf: width (5) *

1 - very narrow	Catalogna puntarelle a foglia stretta
2 - very narrow to narrow	
3 - narrow	Rossa di Treviso 2
4 - narrow to medium	
5 - medium	Rossa di Treviso precoce
6 - medium to broad	
7 - broad	Variegata di Castelfranco
8 - broad to very broad	
9 - very broad	Palla rossa 5

05 . 04 . Leaf: anthocyanin coloration (7) (G) *

1 - absent	Pan di zucchero
9 - present	Palla rossa 2

05 . 05 . Leaf: colour (8) (G) *

1 - yellowish green	Bianca di Milano
2 - light green	A grumolo bionda, Rosa
3 - medium green	A grumolo verde
4 - dark green	A grumolo verde scuro
5 - light red	
6 - medium red	Rossa di Treviso precoce
7 - dark red	Rosa isontina
8 - very dark red	Caravaggio

05 . 06 . Leaf: anthocyanin distribution (9) *

1 - diffused only	Palla rossa 2
2 - in patches only	Variegata di Castelfranco, Variegata di Lusia
3 - diffused and in patches	Variegata di Chioggia

05 . 07 . Leaf: incisions of margin (18) *

1 - absent or very shallow	Rossa di Treviso 2
2 - very shallow to shallow	
3 - shallow	A grumolo bionda
4 - shallow to medium	
5 - medium	24 ore
6 - medium to deep	
7 - deep	Catalogna gigante di Chioggia, Katrina
8 - deep to very deep	
9 - very deep	Catalogna puntarelle di Gaeta, Catalogna puntarelle di Galatina

05 . 08 . Plant: head formation (19) (G) *

1 - absent	Catalogna puntarelle a foglia stretta, Clio
2 - open	A grumolo verde, Corma
3 - closed	Bianca invernale, Palla rossa 2, Pan di zucchero, Rossa di Treviso precoce

05 . 09 . Only for varieties with head formation: Time of head formation (20) *

1 - very early	Palla rossa 2, Rossa di Verona precoce
2 - very early to early	
3 - early	Palla rossa 3
4 - early to medium	
5 - medium	Palla rossa 4, Pan di zucchero
6 - medium to late	
7 - late	Palla rossa 5, Rossa di Verona tardiva, TT506
8 - late to very late	
9 - very late	Palla rossa 6, Tobago, Variegata di Chioggia

05 . 10 . Head: shape in longitudinal section (24) (G) *

1 - ovate	Rossa di Verona precoce
2 - oblate	Palla rossa 5
3 - circular	Variegata di Chioggia
4 - elliptic	Pan di zucchero, Rossa di Treviso precoce

05 . 11 . Head: colour of cover leaves (28) *

1 - whitish green	Variegata di Chioggia
2 - yellowish green	Bianca invernale, Variegata di Lusia
3 - light green	A grumolo bionda, Pan di zucchero
4 - medium green	A grumolo verde
5 - dark green	A grumolo verde scuro, Catalogna puntarelle a foglia frastagliata
6 - light red	Rosa
7 - medium red	Rossa di Verona precoce
8 - dark red	Nerone, Rosa isontina
9 - very dark red	Caravaggio

05 . 12 . Head: distribution of anthocyanin coloration of cover leaves (29) *

1 - entire	Rosa isontina
2 - diffused only	Palla rossa 2
3 - in patches only	Variegata di Castelfranco
4 - diffused and in patches	Variegata di Chioggia
5 - densely speckled	Tauro

05 . 13 . Plant: formation of stem (30) *

1 - absent	Palla rossa 2
9 - present	Catalogna puntarelle a foglia frastagliata

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? *

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 *

07 . 03 . 01 . Type *

Chioggia	Rossa di Chioggia 2, Rossa di Chioggia 4, Rossa di Chioggia 6, TT 4050, TT 506, TT 706
Verona	Rossa di Verona precoce, Rossa di Verona tardiva
Rossa di Treviso precoce	Rossa di Treviso precoce, Nerone, Trevi, TT 206
Pan di Zuccherò/ Pain de Sucre	Pan di Zuccherò, Pandea
Bianca di Milano	Bianca di Milano
Bianca invernale	Bianca invernale
Variegata di Castelfranco	Variegata di Castelfranco, Variegata di Maserà
Variegata di Luisa	Variegata di Luisa
Variegata di Chioggia	Variegata di Chioggia, Variegata di Adria
A grumolo verde	A grumolo bionda, A grumolo verde, A grumolo verde scuro
Améliorée Blonde ou Verte	Améliorée Blonde, Améliorée Verte
Rosa isontina	Rosa isontina
Rossa di Treviso 2	Rossa di Treviso 2, Rossa di Treviso 3
Catalogna	Catalogna del Veneto, Catalogna gigante di Chioggia, Spadona, Clio
Catalogna Puntarelle	Catalogna Puntarelle di Galatina, Catalogna puntarelle a foglie frastagliate, Catalogna puntarelle a foglia stretta
Barbe de Capucin	Barbe de Capucin

07 . 03.02 . Other information *

Yes, specify

No

07 . 04 . Photo

It is highly recommended to provide pictures (up to five). Otherwise, the organisation of the technical examination will be rendered less efficient, with the risk of an additional year of technical examination at the costs of the applicant. Full guidance on the picture quality can be found [here](#)

07 . 04.01 . Details of the photo(s)

Place and conditions under which the material shown in the photo was grown (e.g. plants grown in the greenhouse vs. grown in the open field)

Date of the photo(s) (month and year)

07 . 04.02 . Attached photo(s)

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 . Other factors *

Yes, specify

No

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