

Technical questionnaire

ryegrass

CPVO/TQ-004/2

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:

- Lolium perenne* L.
- Lolium multiflorum* Lam. spp. *italicum* (A. Br.) Vokart (syn *Lolium multiflorum* Lam. spp. *non alternativum*)
- Lolium multiflorum* Lam. var. *westerwoldicum* Wittm. (syn *Lolium multiflorum* Lam. ssp. *alternativum*)
- Lolium* × *hybridum* Hausskn. (syn. *Lolium* × *boucheanum* Kunth)
- 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)* seedling

Indicate parent varieties

 mutation

Indicate parent variety

 discovery

Indicate where, when and how the variety has been developed

 other

Please specify

04 . 02 . Method of propagation of the variety * cuttings in vitro propagation seed other

Please specify

04 . 03 . In the case of seed propagated varieties, method of production: self-pollination cross pollination

Please provide details

 hybrid

Please provide details

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: ploidy (1) (G) *** 2 - diploid

Bargold (Lp), Barsilo (Lb)

 4 - tetraploid

Fabio (Lmi), Tivoli (Lp)



05 . 02 . Only varieties of Lmw and Lr: Plant: time of inflorescence emergence (without vernalization) (8) (G)

- | | |
|---|-------------------------------|
| <input type="radio"/> 1 - very early | Grazer (Lmw) |
| <input type="radio"/> 2 - very early to early | |
| <input type="radio"/> 3 - early | Lifloria (Lmw), Libonus (Lmw) |
| <input type="radio"/> 4 - early to medium | |
| <input type="radio"/> 5 - medium | Elunaria (Lmw) |
| <input type="radio"/> 6 - medium to late | |
| <input type="radio"/> 7 - late | Advance (Lmw), Vivaro (Lmw) |
| <input type="radio"/> 8 - late to very late | |
| <input type="radio"/> 9 - very late | Koga (Lmw), Telga (Lmw) |

05 . 03 . Only varieties of Lp, Lmi and Lb: Plant: time of inflorescence emergence (after vernalization) (10) (G)

- | | |
|---|---------------------------|
| <input type="radio"/> 1 - very early | Ivana (Lp) |
| <input type="radio"/> 2 - very early to early | |
| <input type="radio"/> 3 - early | Lacerta (Lp), Enduro (Lb) |
| <input type="radio"/> 4 - early to medium | |
| <input type="radio"/> 5 - medium | Greenway (Lp), Boxer (Lb) |
| <input type="radio"/> 6 - medium to late | |
| <input type="radio"/> 7 - late | Chagall (Lp) |
| <input type="radio"/> 8 - late to very late | |
| <input type="radio"/> 9 - very late | Cancan (Lp) |

05 . 04 . Plant: length of longest stem, inflorescence included (when fully expanded) (16) (G) *

- | | |
|---|----------------------------|
| <input type="radio"/> 1 - very short | Brightstar (Lp) |
| <input type="radio"/> 2 - very short to short | |
| <input type="radio"/> 3 - short | Loretta (Lp), Grazer (Lmw) |
| <input type="radio"/> 4 - short to medium | |
| <input type="radio"/> 5 - medium | Cancan (Lp) |
| <input type="radio"/> 6 - medium to long | |
| <input type="radio"/> 7 - long | Fox (Lmi), Limbos (Lp) |
| <input type="radio"/> 8 - long to very long | |
| <input type="radio"/> 9 - very long | Lipo (Lmi), Fleurial (Lb) |

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

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
- No

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.

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

09 . 05 . In case the variety is infected with endophytes, please indicate for information purpose the level of infection *

Category I : < 10% endophytes

Category II : 10 < % < 85 endophytes

Category III : > 85% endophytes

not tested

10 . Possible place of the technical examination

In case the CPVO needs to arrange a technical examination for your candidate variety, there might be more than one examination office entrusted by the CPVO to carry it out. In this case, the Office will decide on the place of the technical examination but you might wish to express a preference in respect of an examination office. The list of entrusted examination offices for that species can be found in the S2/S3 in which you will also find further information about submission of plant material and deadlines for numerous species:CPVO (plantvarieties.eu)

10 . 01 . Country where the examination could take place

Country



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

