

TECHNICAL QUESTIONNAIRE – FUNGAL ENDOPHYTE

To be completed in connection with an application for plant variety rights

1. Species: Fungal Endophyte (*Epichloë* sp.)

(please indicate which applies)

Epichloë festucae var. *lolii*

Epichloë coenophiala

Epichloë uncinata

Other (please specify)

Unknown or uncertain

2. Owner of the variety

Full name:

Address:

Breeder's name and address:

(If different from owner)

3. Proposed denomination and breeder's reference

Proposed denomination:

Breeder's reference:

4. Information on the breeding scheme and propagation of the variety:

Please describe the origin, breeding, and maintenance of the variety

5. Characteristics of the variety (*indicate which state of expression best corresponds*):

a) Colony: rate of growth (of subculture)

 very slow slow medium rapid very rapid

b) Colony: sporulation

 absent present

c) Colony: immersion of margin in agar

 absent low medium high

d) Aerial mycelium: type

 waxy cottony/fluffy fibrous powdery

6. Similar varieties and differences from these varieties:

(Please use the following table and box for comments to provide information on how your candidate variety differs from the variety(ies) which, to the best of your knowledge, is (or are) most similar. This information may help the PVR Office to conduct its examination of distinctness in a more efficient way.)

Denomination(s) of variety(ies) similar to yours.	Characteristic(s) (e.g. colony sporulation) in which the similar variety differs from yours.	Describe the expression of the characteristic(s) for the similar variety (e.g. absent).	Describe the expression of the characteristic(s) for your variety (e.g. present).

Comments:

7. Additional information which may help to distinguish the variety:

- a) In addition to the information provided in Sections 5 and 6, are there any additional characteristics which may help to distinguish the variety?

Yes No

If yes, please provide details:

- b) Are there any special conditions or requirements (media, extraction process) for growing the variety or conducting the examination?

Yes No

If yes, please provide details:

- c) Metabolites produced

Peramine

Lolitrems B

Ergovaline

N-formyl loline

N-acetyl loline

N-acetyl norloline

Epoxyjanthitrem

Other metabolites produced: *(please provide details)*

- d) Host grass species:

Festuca arundinacea (Tall Fescue)

Festuca pratensis (Meadow Fescue)

Lolium perenne (Perennial ryegrass)

Other grass host species: *(please provide details)*

e) Other information

8. Authorisation for release

- a) Does the variety require prior authorisation for release under legislation concerning the protection of the environment, human and animal health?

 Yes No

- b) Has such authorisation been obtained?

 Yes No

If the answer to b) is yes, please attach a copy of such an authorisation.

Signed by:

Applicant's name

Signature

Date