

## Technical Questionnaire

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

Plant Variety Rights. *Protecting new plant varieties.*

1. Species: Ryegrass (*Lolium* L.)

(Please indicate which applies):

- L. multiflorum* (Westerwolds ryegrass)       *L. boucheanum* (Hybrid ryegrass)  
 *L. multiflorum* (Italian ryegrass)       *L. perenne* (Perennial ryegrass)

2. Owner of Variety:

Full name \_\_\_\_\_

Address \_\_\_\_\_

(If different from owner)

Breeder's name and address \_\_\_\_\_

3. Proposed denomination or breeder's reference:

- Proposed denomination \_\_\_\_\_  
 Breeder's reference \_\_\_\_\_

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

a) Breeding scheme. Variety resulting from: (Please tick appropriate box and give variety name(s) if relevant)

**Crossing:**

- Controlled cross (Please state parent varieties)  
 \_\_\_\_\_

- Partially known cross (Please state parent varieties)  
 \_\_\_\_\_

- Unknown cross (Please state parent varieties)  
 \_\_\_\_\_

- Mutation (Please state parent varieties)  
 \_\_\_\_\_

- Discovery and development

Where: \_\_\_\_\_

When: \_\_\_\_\_

- Other (Please provide details)  
 \_\_\_\_\_  
 \_\_\_\_\_

b) Method of propagating the variety:

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5. Characteristic of the variety: *(Indicate the state of expression which best corresponds)*

- a) Ploidy:  diploid 2  
 tetraploid 4

b) **Westerwolds ryegrass varieties only:**

Plant: time of inflorescence emergence *(without vernalization)*:

- very early 1  
 early 3  
 medium 5  
 late 7  
 very late 9

c) **Perennial, Italian and hybrid ryegrass varieties only:**

Plant: time of inflorescence emergence *(after vernalization)*:

- very early 1  
 early 3  
 medium 5  
 late 7  
 very late 9

d) Specify if your variety is earlier or later than Grasslands Nui:

- Earlier  
 Later

No. of days earlier/later: \_\_\_\_\_

e) Plant: length of longest stem, inflorescence included *(when fully expanded)*:

- very short 1  
 short 3  
 medium 5  
 long 7  
 very long 9

**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. Include Australian varieties if appropriate. This information may help the PVR Office to conduct its examination of distinctness in a more efficient way.)*

Denomination(s) of similar variety(ies).	Characteristic(s) in which similar variety is different from yours (e.g. plant height).	Describe the expression of the characteristic(s) for similar variety (i.e. small).	Describe the expression of the characteristic(s) for your variety (e.g. tall).
<p>Comments:</p>			

**7. Additional information which may help in the examination of 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:

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

Yes       No

If yes, please provide details:

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- c) Main use of the variety:

- Forage  
 Amenity  
 Other *(please provide details)* \_\_\_\_\_



d) The endophyte status of the variety is: *(Please tick the appropriate box)*

- Endophyte free
- Endophyte present at a level of 5% or less
- Endophyte present at a level of more than 5% *(indicate which endophyte)*

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Endophyte status is unknown

Please note that all DUS testing for ryegrass varieties, as carried out by PVRO, requires the use of endophyte free seed. Should the applicant be unable to provide endophyte free seed (less than 5% endophyte) at the time of application, the applicant must supply endophyte free seed for testing purposes when requested.

e) Other information:

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f) Imported seed:

Has the seed supplied with the application been imported?

- Yes       No

If "yes", please include with this application a copy of the latest MAF Biosecurity Authority Clearance Certificate (BACC).

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:**

\_\_\_\_\_  
Please print name

\_\_\_\_\_  
Signature

Dated this \_\_\_\_\_ of \_\_\_\_\_  
(day) (month) (year)

