TECHNICAL QUESTIONNAIRE – RYEGRASS

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

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:

   Breeder's name and address:
   (If different from owner)

3. 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)*

   ☐   Controlled cross *(please state parent varieties)*

   ☐   Partially known cross *(please state known parent variety(ies))*

   ☐   Unknown cross

   ☐   Mutation *(please state parent varieties)*

☐ Discovery and development

Where: [   ]

When: [   ]

☐ Other *(please provide details)*

[   ]

b) Method of propagating the variety:

[   ]

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

a) Ploidy:

☐	diploid	2
☐	tetraploid	4

For the following characteristics additional information can be found under technical guidance on the IPONZ website.

b) **Westerwolds ryegrass varieties only:**

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

☐	early	3	
☐	early to medium	4	Apollo Gold (4n)
☐	medium	5	Archie (4n)
☐	medium to late	6	Liquattro (4n), Grasslands Moata (4n)
☐	late	7	

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

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

☐	very early	1	Fitzroy (PD), Meridian (PD)
☐	very early to early	2	Tyson (PD)
☐	early	3	Joule (PD), Kingston (PD)
☐	early to medium	4	Grasslands Nui (PD), Grasslands Samson (PD)
☐	medium	5	Arrow (PD), Platinum (PD)
☐	medium to late	6	One 50 (PD), Grasslands Warrior (ID)
☐	late	7	Tolosa (PD)
☐	late to very late	8	Elital (PT)
☐	very late	9	Pastoral (PT)

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

☐ earlier than Grasslands Nui	☐ later than Grasslands Nui
☐ earlier than Bealey	☐ later than Bealey
☐ earlier than Trojan	☐ later than Trojan
☐ earlier than Tabu	☐ later than Tabu
☐ earlier than Tama	☐ Later than Tama

Number of days earlier/later: [   ]

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

☐	very short	1	Uno (turf)
☐	very short to short	2	Grasslands Ruanui (PD)
☐	short	3	Grasslands Nui (PD), One50 (PD)
☐	short to medium	4	Banquet II (PT)
☐	medium	5	Shogun (HT), Astonenergy (PT)
☐	medium to long	6	Surge (ID), Ceres Crusader (ID)
☐	long	7	Archie (WT)
☐	long to very long	8	Dominate (WT), Jivet (WT), Speedyl (WT)
☐	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. 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. plant height) in which the similar variety differs from yours.	Describe the expression of the characteristic(s) for the similar variety (e.g. small).	Describe the expression of the characteristic(s) for your variety (e.g. tall).

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, soils, climate, greenhouse) for growing the variety or conducting the examination?

☐ Yes   ☐ No

If yes, please provide details:

[   ]

c)   Main use of the variety:

☐ Forage

☐ Amenity

☐ Other *(please provide details)*   [   ]

d)   Other information:

[   ]

e)   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 MPI 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 contact the PVR Office.

9. Information on plant material to be submitted for examination:

a)   The endophyte status of the seed sample submitted is:

☐ Free of viable endophyte

☐ Viable endophyte is present

☐ Viable endophyte status unknown

b)   If endophyte is present, please provide the variety of endophyte (if known)

[   ]

c)   If endophyte is present, please provide the approximate level (%) of infected seed with viable endophyte (if known)

[   ]