

## TECHNICAL QUESTIONNAIRE - BARLEY

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

1. Species: Barley (*Hordeum vulgare* L. sensu lato)

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) Genetic origin and breeding method

b) Other information

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

a) Seasonal type:

- ☐ winter type                      1  
☐ alternative type                      2  
☐ spring type                      3

b) Lower leaves: hairiness on leaf sheaths

- ☐ absent                      1  
☐ present                      9

c) Time of year emergence (*first spikelet visible on 50% of plants*)

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

d) Awns: anthocyanin colouration of tips

- ☐ absent 1
- ☐ present 9

Specify the mean date of heading of variety as well as two well known comparable varieties

e) Plant: length (*stem, ear and awns*)

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

f) Ear: number of rows

- ☐ two 1
- ☐ more than two 2

Specify the length of the variety as well as two well known comparable varieties

g) Grain: rachilla hair type

- ☐ short 1
- ☐ long 2

h) Grain: hairiness of ventral furrow

- ☐ absent 1
- ☐ present 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. short).	Describe the expression of the characteristic(s) for your variety (e.g. Tall).
<div>Comments:</div>			

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:

b) Resistance to pests and diseases

c) 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:

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 MAPF 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 authorisation.