

TECHNICAL QUESTIONNAIRE - TRITICALE

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

1. Species: Triticale (*x Triticosecale Witt.*)

2. Owner of Variety:

Full name:

Address:

Breeder's name and address
(if different from owner)

3. Proposed denomination

Breeder's reference

4. Method of breeding or selection (tick appropriate box and give variety name(s) if relevant) -

- ☐ Seedling of unknown parentage
- ☐ Produced by controlled pollination

Seed bearing parent

Pollen parent

- ☐ Produced by open pollination of

- ☐ Mutation or sport from

b) *In vitro* propagation

The plant material has been obtained by *in vitro* propagation: ☐ Yes ☐ No

Virus status. The variety is:

- ☐ virus free ☐ virus tested (indicate against which virus
- ☐ virus status is unknown

c) Other
information -

d) Method of propagating the variety

- ☐ Self-propagation
- ☐ Hybrid
- ☐ Other (please provide details)

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

a) Ploidy:

- ☐ tetraploid 4
- ☐ hexaploid 6
- ☐ octoploid 8

b) Time of ear emergence (first spikelet visible on 50% of plants)

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

c) Stem: density of hairiness of neck

- ☐ absent or very weak 1
- ☐ weak 3
- ☐ medium 5
- ☐ strong 7
- ☐ very strong 9

d) Plant: length (stem, ear and awns)

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

e) Lower glume: hairiness on external surface (spikelet in mid third of ear)

- ☐ absent 1
- ☐ present 9

f) Grain: coloration with phenol

- ☐ nil or very light 1
- ☐ light 3
- ☐ medium 5
- ☐ dark 7
- ☐ very dark 9

g) Seasonal type

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

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).
<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:

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.