

TECHNICAL QUESTIONNAIRE – WHEAT

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

1. Species: Wheat (*Triticum aestivum* L. emend. Fiori et Paol.)

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 breeding scheme and propagation of the variety: *(Please tick appropriate box and give variety name(s) if relevant)*

a) Breeding scheme: *(Variety resulting from):*

Controlled cross *(Please state parent varieties):*

Female parent:

Male parent:

Partially known cross *(Please state known parent varieties):*

Female parent:

Male parent:

Unknown cross

Mutation *(Please state parent variety):*

Discovery and development *(Please state where and when discovered and how developed)*

Other *(Please provide details)*

b) Method of propagating the variety

Self-pollination

Hybrid

Other seed-propagated variety *(Please provide details)*

Other non-seed-propagated variety *(Please provide details)*

In the case of hybrid varieties, the production scheme for the hybrid should be provided on a separate sheet. This should provide details of all parent lines required for propagating the variety and should identify in particular any male sterile lines and maintenance system of male sterile lines.

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

a) Time of ear emergence

(first spikelet visible on 50% of plants)

- very early 1
- very early to early 2
- early 3
- early to medium 4
- medium 5
- medium to late 6
- late 7
- late to very late 8
- very late 9

b) Plant: length

(stem, ear and awns)

- very short 1
- very short to short 2
- short 3
- short to medium 4
- medium 5
- medium to long 6
- long 7
- long to very long 8
- very long 9

Specify the mean date of ear emergence of your variety as well as two well-known comparable varieties:

Specify the length of your variety as well as two well-known comparable varieties:

c) Lower glume: hairiness on external surface

- absent 1
- present 2

f) Ear: colour

- white 1
- coloured 2

d) Straw: pith in cross section

(halfway between base of ear and stem node below)

- thin 1
- medium 2
- thick or filled 3

g) Seasonal type

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

e) Ear: scurs or awns

- both absent 1
- scurs present 2
- awns present 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. time of ear emergence) in which the similar variety differs from yours.	Describe the expression of the characteristic(s) for the similar variety (e.g. late).	Describe the expression of the characteristic(s) for your variety (e.g. early to medium).

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) Other information

d) 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 attach a copy of such an authorisation.

9. Information on plant material to be examined or submitted for examination

a) The expression of a characteristic or several characteristics of a variety may be affected by factors, such as pests and disease, chemical treatment (e.g. growth retardants or pesticides), effects of tissue culture, different rootstocks, scions taken from different growth phases of a tree, etc.

b) The plant material should not have undergone any treatment which would affect the expression of the characteristics of the variety, unless allowed or requested by the PVR Office. If the plant material has undergone such treatment, full details of the treatment must be given. In this respect, please indicate below, to the best of your knowledge if the plant material to be examined has been subjected to:

i. Microorganisms (e.g. virus, bacteria, phytoplasma)	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
ii. Chemical treatment (e.g. growth retardant, pesticide)	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
iii. Tissue culture	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
iv. Other factors	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>

Please provide details for where you have indicated "yes":

I hereby declare that, to the best of my knowledge, the information provided in this form is correct:

Please print name

.....
Signature

Date