**APPLICATION FOR TESTING ON PCN AND WART DISEASE**

**RESISTANCE OF POTATOES**

1. APPLICANT(S) – also owner(s) of the variety:

 name:

 address:

 postal code and town:

 tel nr.:       nationality:

1. Postal address *(if different from 1)*:

 name:

 address:

 postal code and town:

 tel nr.:       nationality:

 This is the address:

 [ ]  of one of the applicants [ ]  of the representative [ ]  for correspondence

1. Billing address (if different from 2):

Company Name:

address:

postal code and town:

billing email address:

1. Variety denomination or provisional variety denomination:
2. Has the variety been officially listed in other member States of the EU: [ ]  yes [ ]  no

 If yes, in which Member State:       and when:

1. Has the variety been applied for the Dutch Register of Varieties (at the Board for Plant Varieties):

 [ ]  yes [ ]  no

 Application number at the Board for Plant Varieties (if known):

Place/date:

\* for an explanation please read the chapter on Rules for listing, registration and inspection of the Dutch Recommended List

 of Varieties of Arable Crops

The following details must be completed for an application for listing in the Dutch Recommended List of Varieties/ NVWA-name list\* or for an application for testing on PCN and Wart disease resistance only

(when no listing is requested).

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Cross:

Year of the cross or first selection:

Is the variety a GMO (Genetically Modified Organism): [ ]  yes (additional information required) [ ]  no

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The variety is applied for the following category:

 [ ]  ware potato for The Netherlands (fresh use or for the processing industry)

 [ ]  ware potato for other countries (export of seed potatoes)

 [ ]  starch potato

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Please tick which station should carry out the test on PCN and Wart disease resistance. Is the application a first or Final test and which pathotypes/physio’s should be tested?

**PCN:** [ ]  NAK

**(Potato Cyst Nematode)** [ ]  Hilbrands Laboratorium (HLB)

1st year-test: [ ]  Ro1 [ ]  Ro2,3 [ ]  Ro5 [ ]  Pa2 [ ]  Pa3

Final test: [ ]  Ro1 [ ]  Ro2,3 [ ]  Ro5 [ ]  Pa2 [ ]  Pa3

**Wart disease:** [ ]  Hilbrands Laboratorium (HLB)

1st year-test: [ ]  physio 1 [ ]  Spieckermann labtest\*\* or [ ]  Glynne-Lemmerzahl test

Final test: [ ]  physio 1 [ ]  Spieckermann labtest\*\* or [ ]  Glynne-Lemmerzahl test

1st year-test: [ ]  physio 2\*\*\* or [ ]  physio 6 [ ]  physio 18 [ ]  physio 38

Final test: [ ]  physio 2\*\*\* or [ ]  physio 6 [ ]  physio 18 [ ]  physio 38

*Explanatory note on wart disease*

For listing on the **NVWA-name list** (see [www.nvwa.nl](http://www.nvwa.nl) --> alle onderwerpen bekijken --> plantziekten en plagen --> wratziekte --> resistente aardappelrassen --> uitvoeringsprotocol) the resistance test according to the NVWA protocol is obligatory. This protocol describes the execution of the Spieckermann laboratory test (108 eye field cuttings).

For listing on the **D-, O-, T-lists** (see [www.nvwa.nl](http://www.nvwa.nl) --> alle onderwerpen bekijken --> plantziekten en plagen --> wratziekte --> resistente aardappelrassen --> naamlijst). For growing in the prevention areas in the northeast and southeast of The Netherlands, varieties with a resistance mark of 6 or higher are sufficient.

**From now on it is also possible to have research carried out on the new physio 38**

For susceptible varieties who have been tested according to the extended Spiekermann laboratory test, and the results have a difference between the figures of the first and second year more than 2.0, a third testing year will be required.

\*\*) Plantum, HLB and the NVWA have decided to use the Glynne-Lemmerzahl test, alongside the current Spieckermann test, for wart disease resistance testing as well; please note that this only concerns physio 1.

\*\*\*) Physio’s to be tested for the Wart disease: please take note of the fact that, contrary to the NVWA resistance lists, no distinction is made in the cultivation regulations between the results of a variety with regard to physio 2 or 6 (O-list). One of the two will do. Should the results of both tests be available, the result of physio 6 will be decisive for listing on the O-list.

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