

Quarantine requirements for the importation of propagation materials which are hosts of *Radopholus similis* from the Netherlands

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*In case of any discrepancy between the Chinese text and the English translation thereof, the Chinese text shall govern.

1. Requirements for the designated production facility

1.1 Export of rooted propagation materials in accordance with the requirements to Taiwan is only possible from production facilities that have registered to the Netherlands plant quarantine authority (PPO), and approved by the Netherlands PPO.

1.2 The designated production facilities must be free from soil and all persons working in the facilities will avoid bringing in soil. Plants must grow on concrete floor, or on growing tables. The surface under the growing tables must be concrete or covered with plastic.

1.3 The propagation materials (described in item 2) produced in the designated production facility shall be sampled and tested by the inspector authorized by the plant quarantine authority to confirm their freedom of burrowing nematode. The procedure of field inspection, sampling and registration shall be conducted under supervision of the Netherlands PPO. The test results shall be kept at the production facility. The plants within the designated production facility shall be consecutively tested every 6 months, and at least twice during the growing season and have been found free from *R. similis* confirmed by the Netherlands PPO.

1.4 The list of the designated facilities (including their addresses, names and codes) approved by the Netherlands PPO shall be provided to the Bureau of Animal and Plant Health Inspection and Quarantine, Council of Agriculture, Executive Yuan (BAPHIQ) in writing. Any change of the list shall also notify BAPHIQ in writing.

2. Conditions for the production of propagation material

2.1 The requirements apply to rooted propagation materials cultivated in the container smaller than 100 ml.

2.2 The propagation material should be originated from tissue culture or seeds, and produced in the designated production facility approved by the Netherlands PPO for a continual period of at least six months. The propagation material can not be cultivated at non-designated facilities before export, and can not be moved into the designated production facility from non-approved production facilities.

2.3 The mother stock of the tissue culture should be inspected and found free of diseases and pests. The tissue culture process should be kept free of contamination of diseases and

pests.

2.4 Growing medium should be new, clean, and free from soil. In case of organic growing medium, such as peat moss, the growing medium must be sampled and found free of *Radopholus similis*. Testing can be conducted on every batch prior to entrance into the greenhouse, or prior to export to Taiwan.

2.5 Clean water should be used for the designated production facility.

2.6 In case plants from a registered production facility must be transported to another registered production facility, the transportation of plants is only allowed in closed containers. The Netherlands PPO will regularly monitor the closed transportation between these facilities. The movement records shall be kept.

3. Inspection and sampling procedures for propagation materials

3.1 An officer from the designated inspection institute or the authorized laboratory by the Netherlands PPO must collect root materials of the following every 6 month:

3.1.1 All host genera present in the production place, at every compartment;

3.1.2 The mother stock used for tissue culture;

3.1.3 Discarded plants or seedlings in the waste bin.

3.2 Per compartment, 5 root samples of 60 plants are selected randomly (= total of 300 plants per compartment). One sample must contain at least 60 gram in total.

3.3 The sample must be sent to the designated inspection institute authorized by the Netherlands PPO. Nematode will be isolated and identified by BAPHIQ-approved method.

4. Inspection procedures for organic growing medium

Organic growing media used for cultivating propagation materials shall be inspected by either of the following procedure:

4.1 Inspection procedure prior to entrance into the greenhouse

4.1.1 An officer from the designated inspection institute or the authorized laboratory by the Netherlands PPO must collect a sample of the growing medium, every time a new batch of growing medium will be delivered to the facility for the production of plants for export to Taiwan.

4.1.2 One sample must contain at least 300 ml per 15 m³ growing medium.

4.1.3 The sample must be sent to the designated inspection institute authorized by the Netherlands PPO. Nematode will be isolated and identified by BAPHIQ-approved method.

4.1.4 In case no *R. similis* is found, the growing medium is approved for the production of plants for export to Taiwan. The test results shall be kept at the production facility. The approved growing medium should be used and stored separately from growing medium not approved for the production of plants for export to Taiwan.

4.2 Inspection procedure prior to export

4.2.1 An officer from the designated inspection institute or the authorized laboratory by the Netherlands PPO must collect growing medium attached to plants of each item

regulated by the requirement, of every consignment destined for export to Taiwan.

4.2.2 From each lot within the consignment, 300 ml growing medium from at least 60 randomly selected plants must be sampled.

4.2.3 The sample must be sent to the designated inspection institute authorized by the Netherlands PPO. Nematode will be isolated and identified by BAPHIQ-approved method.

5. Packing of propagation materials

The plants will be packed in cartons or boxes. Each of the smallest packaging unit shall be labelled with the name of the plant genus and variety, the quantity and the name or registration number of the registered production facility.

6. Measures in case of finding of *R. similis*

6.1 In case *R. similis* is found in the roots as a result of the testing of the facility as described in section 3, the Netherlands PPO shall inform BAPHIQ immediately. The facility will be blocked, and its export of rooted propagation materials shall be suspended. The grower shall identify the reason of the non-compliance, and take control and eradication measures. The registration and export to Taiwan of the production facility can only be reinstated when the plants within the designated production facility have been consecutively tested every 6 months, and at least twice during the growing season and have been found free from *R. similis* confirmed by the Netherlands PPO, and approved by BAPHIQ.

6.2 In case *R. similis* is found in growing medium as a result of the test conducted prior to entrance of the growing medium into the designated production facility, the Netherlands PPO shall inform BAPHIQ immediately. Entry and using the batch of the growing medium for cultivation is prohibited in the designated production facility. A survey will be initiated at the supplier of the growing medium to clarify the origin of the contamination, and at the registered facility to re-confirm the absence of *R. similis* in the facility.

In case the infected growing medium has entered the facility and has been used, the registration of the facility is withdrawn and export to Taiwan is suspended, until the facility and the growing medium has been tested again and found free from *R. similis* and approved by BAPHIQ. The Netherlands PPO will inform BAPHIQ immediately about consignments from this facility still on its way to Taiwan, giving BAPHIQ the opportunity to refuse entry of these consignments.

6.3 In case *R. similis* is found in growing medium as a result of the test conducted prior to export, the Netherlands PPO shall inform BAPHIQ immediately. The consignment is not allowed for export to Taiwan. A survey will be initiated at the place of production of the growing medium and at the registered facility to clarify the origin of the contamination. The registration of relevant facilities is withdrawn and export to Taiwan is suspended, until the plants within the facility and the growing medium has

been tested again consecutively tested every 6 months, and at least twice during the growing season and have been found free from *R. similis* confirmed by the Netherlands PPO, and approved by BAPHIQ.

6.4 In case *R. similis* is found in growing medium as a result of the survey conducted at the supplier of growing medium as described in article, the Netherlands PPO shall inform BAPHIQ immediately and the export to Taiwan of approved *R. similis* host plants with attached organic growing medium will be suspended temporarily, until the Netherlands PPO has investigated the case and BAPHIQ and the Netherlands PPO mutually have agreed upon the conditions to sustain export.

6.5 An inspection visit at the suspended production facility, the place of production of growing medium may happen, for any item of this section, by a BAPHIQ inspector, if the timing for an approval to take place coincides with BAPHIQ's annual inspection visit to NL.

7. Export certification

7.1 During the export inspection, the Netherlands quarantine inspector shall confirm the commodity was produced in the designated production facility that is free of *R. similis*.

7.2 In case organic growing medium is used, the inspector shall check whether the growing medium has been tested prior to planting, in accordance with Section 4.1 of the requirement. If no tests results are available, the inspector shall take samples as described in section 4.2, and the consignment will be held until the test result indicating that it is free from *R. similis*.

7.3 The consignment that has passed quarantine inspection will be accompanied with the Phytosanitary Certificate. The additional declaration on the Phytosanitary Certificate will state that:

1. The plants were grown in a production facility (Code number or full name of the production facility shall be also be stated) approved by Dutch Plant Protection Organisation and found free from *Radopholus similis*.
2. The commodity has been thoroughly inspected free from other quarantine pests as designated by BAPHIQ, or the commodity has been subjected to appropriate treatment prior to shipment.
3. In case of organic growing medium, additional statement saying that the growing medium is new, free from soil and has been tested and found free from *Radopholus similis* shall be added.

8. Import inspection

8.1 The phytosanitary certificate and the additional declarations shall in compliance with Section 7.3 of the requirement.

8.2 Procedures, methods, and sampling for import inspection shall follow the "Plant Protection and Quarantine Act" and its enforcement rules and other quarantine

regulations.

8.3 In case the phytosanitary certificate is not presented, or in case the additional declaration is qualified, the consignment will be blocked until the Netherlands PPO revises or re-issues the phytosanitary certificate.

8.4 In case *R. similis* is detected during on-arrival inspection, the consignment will be re-exported or destroyed. The relevant production facility will be excluded from the protocol for further export. The Netherlands PPO shall undertake an investigation to identify the non-compliance. If the offending production facility is not readily identified, the protocol shall be suspended immediately. The suspension may be lifted after BAPHIQ approves the corrective actions and /or conducts an on-site verification of any necessary actions taken to correct non-compliance. All expenses for BAPHIQ inspectors shall be borne by Dutch side.

8.5 In case regulated pests other than *R. similis* are detected during on-arrival inspection, the commodity shall be treated, re-exported or destroyed in accordance with relevant quarantine regulations. BAPHIQ will notify the Netherlands PPO accordingly and the Netherlands PPO shall undertake an investigation, take appropriate corrective actions within 7 days, and report back to BAPHIQ. Repeated non-compliance of this nature may result in the production facility being suspended from the requirement.

9. On-site verification

The Netherlands PPO shall formally invite BAPHIQ inspectors to conduct annual on-site inspections in The Netherlands. BAPHIQ may send inspectors to audit the survey activities in the registered production facilities and laboratories and relevant records, to inspect the registered production facilities, to monitor the export inspection system and to visit the suppliers of growing medium jointly with the Netherlands PPO officials. All expenses for BAPHIQ inspectors shall be borne by Dutch side.