

## Quarantine requirements for the importation of fresh apples from Poland (Draft)

1. The importation of fresh apples (*Malus* spp.) from Poland to Taiwan shall be regulated pursuant to the “Quarantine Requirements for The Importation of Plants or Plant Products” along with the regulations in this requirement.
2. These Quarantine Requirements apply to the fresh fruits of apple (*Malus* spp.) produced in Poland.
3. The terms used in this quarantine requirement are defined as follows :
  - 3.1 IP: Integrated Production System.
  - 3.2 Supplying orchard: Production site on which apples are to be grown. Multiple varieties of apples could be grown at one site.
  - 3.3 Codling moth (*Cydia pomonella*): All stages of its life cycle, including eggs, larvae, pupae and adults.
  - 3.4 Lot: Set of units of packages of apples to be exported to Taiwan, or set of units to be exported.
  - 3.5 Export season: Season of the export of apples produced in Poland, from 01 September to 31 August of the following year.
4. **REQUIREMENTS FOR SUPPLYING ORCHARDS**
  - 4.1 The supplying orchards must be IP certified with traceable records. The National Plant Protection Organization of Poland (The State Plant Health and Seed inspection Service , hereinafter referred to as SPHSIS) and Bureau of Animal and Plant Health Inspection and Quarantine (hereinafter referred to as BAPHIQ) may check the certification.
  - 4.2 The supplying orchards must implement one or a combination of the following measures to control codling moths:
    - 4.2.1 Installing sex pheromone traps: Traps must be installed in the fields of supplying orchards before apples reach their full blossom stage. For supplying orchards up to (including) 8 hectares, one trap per hectare is required. For supplying orchards exceeding this size, one additional trap must be installed for every additional 2 hectares. One inspection per week is required for the detection of the presence of codling moths. If the population density of codling moths reaches 3 or more per trap per week, effective control measures must be taken immediately. Pheromone lures must be replaced regularly and complete records of monitoring and control must be kept for audit.
    - 4.2.2 Mating disruption of codling moths: Using the mating disruption method, one codling moth specific sex pheromone trap with a high

concentration of pheromone shall be installed in each orchard to monitor the population dynamics of codling moths. Complete records of monitoring and control must be kept for audit.

4.3 Supplying orchards shall meet the aforementioned requirements and be registered with the SPHSIS. This registration action shall include the orchard code and the name of the producer, along with the identification of the region and county where the supplying orchard is located.

## 5. **REQUIREMENTS FOR PACKING HOUSES**

5.1 Packing houses shall be registered with the SPHSIS.

5.2 Packing houses shall be equipped with insect-proof equipment. Windows or air holes must be covered with a screen of fine meshes with diameter of 1.6 mm or less. Entrances or doors shall be equipped with air curtains (where air is blown downwards), rubber curtains, or other insect-proof equipment.

5.3 Packing houses shall be equipped with fresh fruit sorting apparatus and sufficient lighting to perform inspections.

5.4 Packing houses shall have at least one qualified technician, who is able to identify apple fruits infested by codling moths, and is involved in the sorting and selection of apples for exporting to Taiwan. Pest monitoring and control in registered packing houses of apples intended for export to Taiwan must be carried out under instructions by trained technicians. Complete training records of the technician or related information must be kept in the packing houses.

5.5 Packing houses shall provide adequate space, apparatuses and equipment to facilitate plant health inspectors to perform inspections, pest identification, and other required work.

5.6 Prior to the start of the packing process each year, appropriate pest control measures shall be taken to remove quarantine pests inside the packing house. If necessary, sterilization measures shall be performed to ensure sanitation in the packing house.

5.7 The packing house shall confirm that the apples to be exported to Taiwan which they have packed are from supplying orchards which meet the above-mentioned requirements. Apples not sourced from supplying orchards meeting the above-mentioned requirements must not be packed and exported to Taiwan. If apples from supplying orchards which do not produce apples to be exported to Taiwan are stored inside the cold storage warehouse at the same time, a space that is properly separated shall be provided for storing apples to be exported to Taiwan.

5.8 If the boxes used for packaging of apples intended for export to Taiwan have

air holes, these air holes shall be sealed with a screen of fine meshes having diameters of 1.6 mm or less, or the transport shall be conducted in completely sealed conditions to prevent pest infestation.

5.9 Inspectors of the SPHSIS shall inspect the packing houses each year prior to the start of the packing process and confirm that they comply with these Quarantine Requirements.

5.10 Two months prior to the apple export season every year, the SPHSIS shall provide BAPHIQ with the list and codes of the legal packing houses that meet the aforementioned requirements.

## 6. PRE SELECTION PROCEDURES

6.1 Apples shall be sorted at least twice before packaging by packing house staffs under supervision of trained technician with plant pest control training, in order to remove all deformed or damaged fruits. The procedures are as follows:

### 6.1.1 First sampling (before packing process)

6.1.1.1 For every lot of apples that comes from supplying orchards producing apples to be exported to Taiwan, 600 apple samples shall be taken for inspection before the packing process, and at least 50 apples among these must be cut for inspection.

6.1.1.2 Damaged apples which are suspected of being infected by codling moths shall be preferably selected as samples for inspection. If there is no damaged apple present, the sample will then be selected randomly.

6.1.1.3 This sampling procedure must be conducted by the packing house staff under supervision of trained technician which is supervised by the SPHSIS.

6.1.1.4 If two or more apples with codling moth damage or two or more dead codling moths are detected, the lot will be rejected for exportation to Taiwan.

6.1.1.5 If any live codling moth is detected during this pre-inspection, the lot will be rejected from exportation and the supplying orchard which has produced this lot of apples will be withdrawn from the qualified list for the remainder of this export season for apple export to Taiwan.

6.1.1.6 All sampling and inspection records shall be properly maintained.

### 6.1.2 Second sampling (on the packing line)

6.1.2.1 Apples shall be taken from the packing line for sample inspection every hour.

- 6.1.2.2 From each lot, at least 100 apples must be selected for inspection. Damaged apples which are suspected of being infected by codling moths shall be preferably selected as samples for inspection. These damaged apples shall all be cut and checked for live codling moths. If there is no damaged apple present, the sample will then be selected randomly.
- 6.1.2.3 This procedure will be conducted by the packing house staff under supervision of the trained technician and supervised by the SPHSIS.
- 6.1.2.4 If two or more apples with codling moth damage or two or more dead codling moths are detected, the given lot will be rejected for exportation to Taiwan.
- 6.1.2.5 If any live codling moth is detected during this pre-inspection, the lot will be rejected for exportation and the supplying orchard which has produced this lot of apples will be withdrawn from the qualified list for the remainder of this export season for apple export to Taiwan.
- 6.1.2.6 All sampling and inspection records shall be properly maintained.
- 6.2 Culled apples shall be placed in containers and discarded or destroyed every day. All the security measures implemented by the packing houses in the packing process shall be supervised by the SPHSIS.
- 6.3 Measures shall be taken to prevent pest infestation while packaged apples are shipped from packing houses to airplanes, vessels or containers.

## **7. EXPORT INSPECTION PROCEDURE**

- 7.1 Packaged apples must be inspected by the inspectors of the SPHSIS.
- 7.2 The sampling standard is as follows:
  - 7.2.1 At least 2% of total number of boxes of this lot of apples must be sampled.
  - 7.2.2 All apples of each sampled box must be inspected.
  - 7.2.3 For each sampled box, two apples must be taken and cut for inspection.
- 7.3 If two or more apples with codling moth damage or two or more dead codling moths are detected, the given lot will be rejected for exportation to Taiwan
- 7.4 If any live codling moth or other quarantine pests are found during inspection, the given lot will be rejected for exportation to Taiwan, and the supplying orchard which has produced this lot of apples will be withdrawn from the qualified list to export to Taiwan for the remainder of this export season.

7.5 If any live codling moth is found during inspection, the packing house which is responsible for packing this lot of apples must be temporarily suspended from exporting apples to Taiwan until the SPHSIS has identified the cause of the event and has taken appropriate action to solve the problem. The relevant investigation report shall be provided to BAPHIQ by the SPHSIS.

## 8. EXPORT CERTIFICATION ACTIVITIES

8.1 The name or code number of the packing house must be marked on the packing box.

8.2 The export phytosanitary certificate issued by the SPHSIS shall accompany the apples that passed the inspection for exporting to Taiwan.

8.3 The export phytosanitary certificate shall contain the following additional declaration: This lot of apples has been inspected and found free of *Cydia pomonella*, *Frankliniella occidentalis*, *Erwinia amylovora* and *Anarsia lineatella*.

8.4 If the relevant requirements established by BAPHIQ have been changed, the previous additional declaration shall be amended in accordance with the new requirements.

8.5 The export phytosanitary certificate issued by the SPHSIS shall not only contain the contents of Item 3 of this Article, but also contain the information of the packing house (name or code), inspection date, and the production region.

8.6 Fresh apples, which have passed the export inspection and for which the phytosanitary certificate has been issued, shall be exported within 14 days. If not, a further inspection shall be conducted and a new export phytosanitary certificate issued by the SPHSIS must be issued before export.

## 9. REQUIREMENTS FOR TRANSPORTATION

9.1 Apples to be exported to Taiwan and transiting through third countries or districts must comply with the “Quarantine Requirements for Transshipment of Plants or Plant Products through Countries or Districts Where The Quarantine Pests are Known to Occur” of Taiwan.

9.2 During shipping and upon arrival, the seal of the container shall not be broken by anyone other than the SPHSIS, the SPHSIS or BAPHIQ inspectors or other authorized personnel of governmental agencies.

## 10. IMPORT INSPECTION PROCEDURE

10.1 BAPHIQ shall verify that the export phytosanitary certificate issued by the SPHSIS complies with the aforementioned Quarantine Requirements.

- 10.2 If the consignment is not accompanied by the export phytosanitary certificate issued by the SPHSIS, or the contents listed on the export phytosanitary certificate do not meet these Quarantine Requirements or other related regulations, the correct phytosanitary certificate must be re-submitted; otherwise the consignment shall be returned or destroyed.
- 10.3 The procedures, methods, and the sampling for import inspection shall comply with the “Plant Protection and Quarantine Act” of the Republic of China and relevant quarantine regulations.
- 10.4 If a live codling moth is found during import inspection for the first time, the following measures shall be applied:
- 10.4.1 This lot of apples will be returned or destroyed.
- 10.4.2 BAPHIQ shall notify the SPHSIS, and provide a copy of the export phytosanitary certificate, a picture of the detected codling moth and information shown on the packing box.
- 10.4.3 The SPHSIS shall withdraw the supplying orchard which has produced this lot of apples and the packing house responsible for packaging this lot of apples from the qualified list for this export season for apple export to Taiwan for the remainder of this export season. Apples packaged by this packing house can still be exported to Taiwan if the following conditions are met:
- 10.4.3.1 The date of export inspection is prior to the suspension date.
- 10.4.3.2 The consignment was loaded on board for transport to Taiwan within 3 days since the suspension date.
- 10.4.4 Additionally, the first sampling standard (before the packaging operation) during the pre-selection in the packing house shall be raised in the following manner:
- 10.4.4.1 For each lot of apples, 800 apples shall be sampled for inspection.
- 10.4.4.2 For each lot of apples, at least 100 apples must be cut for inspection.
- 10.5 If a live codling moth is detected during import inspection for the second time, the following measures shall be applied:
- 10.5.1 This lot of apples will be returned or destroyed.
- 10.5.2 BAPHIQ will notify the SPHSIS, and provide a copy of the export phytosanitary certificate, a picture of the detected codling moth and the information shown on the packing box.
- 10.5.3 In addition to following the procedures of Article 11.3 and 11.4, the sampling standard for the export inspection shall be raised in the

following manner:

10.5.3.1 The sampling rate shall increase to 3% of total number of boxes of the lot of apples for this export season.

10.5.3.2 For each sampled box, at least 4 apples must be cut for inspection.

10.6 If a live codling moth is detected for the third time during import inspection, measures shall be applied in accordance with Article 11 of these Quarantine Requirements.

10.7 If any other significant quarantine plant pest occurs in Poland, and if BAPHIQ considers that it poses risks to the production safety of Taiwan's agricultural production, the implementation of these Quarantine Requirements may be suspended by BAPHIQ at any time.

## **11. SYSTEM SUSPENSION AND REINSTATEMENT IN CASE OF CODLING MOTH DETECTION**

11.1 If a third detection of live codling moth occurs within the same export season, BAPHIQ will immediately notify the SPHSIS of the complete suspension of the export of apples to Taiwan.

11.2 Consequently, the SPHSIS shall immediately suspend all apple export activities to Taiwan after being notified. Shipments of apples packaged by other packing houses where no live codling moths have been detected will face stricter inspection but remain eligible for export to Taiwan if the following conditions are met:

11.2.1 The date of export inspection is prior to the suspension date.

11.2.2 The consignment was loaded on board for transport to Taiwan within 14 days since the date of export inspection.

11.3 The SPHSIS shall conduct investigations, prepare relevant reports, and establish improvement measures regarding this matter, and the SPHSIS will provide the reports and improvement measures to BAPHIQ for review.

11.4 BAPHIQ will review the relevant report provided by the SPHSIS and send inspector(s) on-site to verify the implementation of the improvement measures of the system. All expenses related to the verification shall be borne by Poland.

11.5 The suspension of apples export may be revoked only after BAPHIQ has finalized the review of the investigation report and on-site verification of the improvement measures of the system has been confirmed.

## **12. SPECIAL REQUIREMENTS**

12.1 Two months prior to the apple export season every year, the SPHSIS shall officially invite BAPHIQ to dispatch inspector(s) to Poland to perform the

on-site inspection and verification of the operation of the system of apple export to Taiwan jointly with the SPHSIS along with the formal official invitation; the list of registered packing houses shall also be provided.

12.2 After the first two years of the commencement of trade of fresh apples from Poland to Taiwan, the SPHSIS may undertake the inspection on behalf of BAPHIQ based on agreed criteria listed below:

12.2.1 All packing houses for this coming export season were previously audited by BAPHIQ.

12.2.2 There are no detection records of live codling moth during export and import inspections in the previous export season.

12.2.3 On-site auditing was conducted by BAPHIQ in the previous year.

12.3 If the SPHSIS undertakes the on-site auditing on behalf of BAPHIQ, they shall provide the report to BAPHIQ within one month after inspections.

12.4 All expenses related to inspection and verification shall be borne by Poland.