

APQA Notification No. 2020-49

In compliance with Article 10.2.2 of the Plant Protection Act, Article 6.2.7 of the Enforcement Decree of the Plant Protection Act, and Article 12.2 of the Enforcement Rules of the Plant Protection Act, we establish and notify 'the Requirements to Exclude Fresh Avocado Fruits from Chile from the Import-Prohibited Plants'.

September 22, 2020

Commissioner of Animal and Plant Quarantine Agency

Requirements to Exclude Fresh Avocado Fruits from Chile from the Import-Prohibited Plants

Established: September 22, 2020 APQA Notification No.2020-49

Article 1 (Purpose) This guideline is to specify the necessary provisions in importing fresh avocado (*Persea americana* 'Hass' variety) fruits commercially produced in the free areas of *Ceratitis capitata* between Atacama (III Region) and Maule Region (VII Region), in compliance with Article 10.2.2 of the Plant Protection Act, Article 6.2.7 of the Enforcement Decree of the Plant Protection Act, and Article 12.2 of the Enforcement Rules of the Plant Protection Act

Article 2 (Means of conveyance) Fresh avocado (*Persea americana* 'Hass' variety) fruits (hereinafter referred to as "avocado") shall be imported by ship-cargo or air-cargo (except for hand-carry, mail, and express cargo).

Article 3 (Registration and Management of Export orchards)

3.1 NPPO of Chile (hereinafter referred to as "SAG") shall register and manage export orchards growing avocados for export to Korea (hereinafter referred to as "export orchards") every year.

3.2 SAG shall provide the list of registered export orchards in (Annex 2) to the National Plant Protection Organization of the Republic of Korea, Animal and Plant Quarantine Agency, (hereinafter referred to as "APQA") 30 days before commencement of export every year.

3.3 SAG shall enforce surveillance and controls for quarantine pests other than *Ceratitis capitata* in (Annex 1) in the export orchards.

3.3.1 The surveillance shall be conducted at least once a month.

3.3.2 In the case of a quarantine pest in (Annex 1) is detected in an export orchard, the quarantine pests shall be controlled appropriately.

3.4 SAG shall keep all the records about the surveillance and control in the export orchards. And the records shall be provided to the APQA upon request.

Article 4 (*Ceratitis capitata*)

- 4.1 SAG shall maintain free areas of *Ceratitis capitata* according to the National Fruit Flies Program of Chile.
- 4.2 SAG shall establish a regulated area of radius 7.2 km when a *Ceratitis capitata* outbreak occurs.
- 4.3 Avocado produced and packaged within the regulated area shall comply with the Guidelines in (Annex 4).

Article 5 (Registration and Management of export packinghouses)

- 5.1 SAG shall register and supervise a packinghouse of sorting and packing for export avocado fruits to Korea (hereinafter referred to as "export packinghouse") every year.
- 5.2 SAG shall check sanitary conditions and manage and supervise as follows each year before the commencement of export.
 - 5.2.1 In order to prevent pest re-contamination, export packinghouses shall be equipped with nets (the diameter of the mesh shall be 1.6 mm or less) on windows and ventilation holes and shall be equipped with appropriate insect-proof facilities (such as insect-proof net, air curtain, rubber curtain, and automatic door) on doors.
 - 5.2.2 A storage room shall keep appropriate facilities to prevent pest re-infection.
 - 5.2.3 Export packinghouse and storage room shall keep clean condition through cleaning and disinfection periodically.
- 5.3 SAG shall provide APQA with a list in (Annex 3) of export packinghouses 30 days before the commencement of export every year.

Article 6 (Sorting and packing)

- 6.1 SAG shall manage and supervise a sorting process as follows in the export packinghouse.
 - 6.1.1 Avocado transported from the export orchards shall be separately loaded with the fruits for other countries or domestic sales.
 - 6.1.2 Avocado shall not be sorted together with avocado for other countries or domestic sales.
 - 6.1.3 Damaged avocado and contaminants such as plant leaves, branches, soil, etc shall be removed by the sorting process.
- 6.2 SAG shall manage and supervise the package and storage of avocado finished sorting process in the export packinghouse as follows.
 - 6.2.1 SAG shall ensure that appropriate phytosanitary measures such as the installation of the insect-proof net are taken on each carton or pallet to avoid pest re-contamination during storage or conveyance.
 - 6.2.2 In case of air cargo, each carton shall be packaged by material preventing the introduction of pests [if a carton has any holes, the holes shall be netted (the diameter of the mesh shall be 1.6 mm or less)] or the whole pallets shall be wrapped with poly vinyl or nets (less than 1.6 mm×1.6 mm).
 - 6.2.3 Each carton or each pallet shall be labeled with name or registration code of export orchards (CSG) and export packinghouses (CSP) and have the marking, "For Korea".
 - 6.2.4 An export consignment finished of packaging shall be separately stored with the fruits for other countries or domestic sales.

Article 7 (Export inspection and sealing)

- 7.1 The SAG inspector shall carry out an export inspection on at least 2% (minimum 600 fruits) samples of the export consignment.

- 7.1.1 If the consignment is mixed with the other variety than 'Hass' or if any quarantine pest in (Annex 1) is detected during the export inspection, SAG inspector shall reject the consignment.
- 7.1.2 If a live *Ceratitidis capitata* is found during the export inspection, SAG shall immediately inform the detection to APQA and suspend all the export of avocado until the cause of detection is identified the remedial measures are prepared.
- 7.2 In case of export the avocado produced or packaged in the regulated area established for the *Ceratitidis capitata*, SAG shall follow the export guidelines in (Annex 4).
- 7.3 SAG inspector shall seal the consignment passed on the export inspection as follows.
- 7.3.1 In case of ship cargo, a container shall be sealed using SAG seal
- 7.3.2 In case of air cargo, all cartons or pallets shall be sealed with a tape including "SAG" mark to avoid an introduction of the pests. ("SAG" stamps on a sealing tape also be admitted).

Article 8 (Phytosanitary certificate)

- 8.1 SAG inspector shall issue a phytosanitary certificate including the following additional declaration for the avocado consignment passed the export inspection.
- 8.1.1 This consignment complies with the agreed import requirements for fresh avocado fruits.
- 8.1.2 Registration export orchards name or number and registration export packinghouses name or number (The information may be described in the attachment of a phytosanitary certificate)
- 8.1.3 Security seal number of container (in case of ship cargo) issued by SAG.
- 8.2 SAG inspector shall issue the Phytosanitary Certificate including the further additional declaration in accordance with the export guidelines in (Annex 4) when a *Ceratitidis capitata* regulated area is established in Chile.

Article 9 (Import inspection)

- 9.1 Upon the arrival of the consignments at the port of entry in Korea, the APQA inspector shall verify the following. If any non-compliance is found in the inspection, all of the consignment shall be destroyed or returned.
- 9.1.1 The appropriateness of phytosanitary certificate and its additional declaration.
- 9.1.2 The appropriateness of the sealing of the consignment.
- 9.1.3 The appropriateness of packaging and labeling of the consignments.
- 9.1.4 Verification of mixing with the other variety than 'Hass'.
- 9.2 In case of detection of a quarantine pest in (Annex 1) other than *Ceratitidis capitata*, APQA inspector shall destroy, treat or return the consignment according to the Plant Protection Act of Korea and its relevant regulations.
- 9.3 If any live *Ceratitidis capitata* is detected on the consignment at import inspection, APQA inspector shall reject the consignment and the importation of avocado fruits from Chile shall be suspended until the cause of detection is identified the remedial measures are prepared. APQA shall notify import suspension to SAG by official letter.
- 9.4 In case a new pest that has not been assessed is found or in case a quarantine pest in (Annex 1) is continuously found, APQA can take necessary measures through the pest risk assessment.

Article 10 (Others)

- 10.1 In case that the phytosanitary condition of Chile is changed, APQA may review this import

requirement.

10.2 Other issues not defined in this requirement shall be dealt with according to the Plant Protection Act of Korea and its relevant regulations.

10.3 This requirement can be amended by the consultation of APQA and SAG.

Article 11 (Due date of review) The Commissioner of Animal and Plant Quarantine Agency shall take measures such as improvement of this notification after reviewing its adequacy triennially beginning from January 1st, 2021 (by December 31st of the corresponding year) pursuant to the 'Regulations on the Issuance and Management of Directives and Established Rules'.

Addendum

This notification shall be enforced from the date of issuance.

[Annex 1]

Korea's Quarantine pests for fresh avocado (Hass) fruits from Chile

(in relation to Article 3, Article 7, and Article 9)

Pathogens (3 species)

•◦Fungi

1. *Neofusicoccum luteum* (= *Botryosphaeria lutea*)
2. *Neofusicoccum australe*
3. *Neopestalotiopsis clavispora*

Insects (18 species)

•◦Tephritidae

1. *Ceratitis capitata* *

•◦Curculionidae

2. *Pantomorus cervinus*

•◦Diaspididae

3. *Aonidiella auranti*
4. *Aspidiotus nerii*
5. *Fiorinia fioriniae*
6. *Hemiberlesia cyanophylli*
7. *Hemiberlesia rapax*
8. *Lepidosaphes beckii*
9. *Unaspis citri*

•◦Pseudococcidae

10. *Dysmicoccus brevipes*
11. *Pseudococcus calceolariae*
12. *Pseudococcus longispinus*
13. *Pseudococcus viburni*

•◦Thripidae

14. *Frankliniella cestrum*
15. *Frankliniella gemina*

•◦Tetranychidae

16. *Oligonychus mangiferus*
17. *Oligonychus punicae*
18. *Oligonychus yothersi*

*1 species: special risk management pest

※ If any live pest other than (Annex 1) is found in the consignment during import inspection, the consignment shall be dealt with according to the Plant Protection Act of Korea.

[Annex 4]

Guidelines for export of fresh avocado (Hass) fruits produced and packaged in the regulated areas of *Ceratitis capitata* (in relation to Article 4, Article 7, and Article 8)

1. In case of a regulated area is established due to the outbreak of *Ceratitis capitata* in Chile, SAG inspector shall verify that the avocado produced or packed in the regulated area complies with the followings:
 - No presence of overripe fruit.
 - No presence of rot.
 - No presence of fruits with insect damages or irregularly shaped.
2. SAG inspector shall reject export consignment of concern if any fruit not complying with the above requirements is found during export inspection.
3. SAG inspector shall carry out the cut inspection at least 30 avocado fruits from the export consignment produced or packaged in the regulated area in order to verify the infection of *Ceratitis capitata*.
4. If a *Ceratitis capitata* is found from the cut inspection, SAG shall immediately inform the detection to APQA and suspend the export of fresh avocado fruits produced or sorted in the regulated area until the cause of detection is identified the remedial measures are prepared.
5. SAG inspector shall issue the Phytosanitary Certificate including the further additional declaration as follows when the *Ceratitis capitata* regulated area is established in Chile until the regulated area is lifted.
 - a. Fresh avocado fruits produced and packaged other than the regulated area
 - "The consignment is produced and packaged in an area other than regulated areas. And the consignment is inspected and found to be free from *Ceratitis capitata*."
 - b. Fresh avocado fruits produced and packaged in the regulated area
 - "The consignment is inspected and found to be free from *Ceratitis capitata*."