# PART II.

# Laws and regulations on food imports





## PART II.

# Laws and regulations on food imports

This section is a guide on the following:

- Summary of the laws on food imports in Korea
- · Food Sanitation Act: general good items
- Plant Quarantine Act: vegetables, fruits and grains
- Livestock Epidemic Prevention and Control Act: meat and meat-processed goods
- · Laws related to food labeling in Korea

#### Laws related to food imports

Korea's procedures on food importation are based on the following laws:

- 1. Food Sanitation Act: aims to prevent danger from hygienic hazards of food products. Another goal of this law is to improve national health through qualitative advances in food and nutrition.
- 2. Plant Quarantine Act: aims to prevent expansion and entry of noxious insects and contribute to safety and production of agriculture and forestry.
- 3. Livestock Epidemic Prevention and Control Act: aims to prevent emergence or expansion of livestock epidemics and contribute to the development of the livestock industry, and improvement of public health.
- 4. Foreign Trade Act: aims to promote overseas trade and develop national economy through increased trade and commerce.
- 5. Laws related to food labeling: regulations enabling consumers to rationally choose products based on information by displaying food-related information on the containers or packages.
- 6. Other laws related to imports, such as the Grain Management Act, and the Liquor Tax Act.

Table 2.1. Comparison of goods covered by each law

| Category  | Food Sanitation<br>Act | Plant Quarantine<br>Act | Livestock<br>Epidemic<br>Prevention and<br>Control Act | Foreign Trade<br>Act        | Others                  |
|---|------------------------|-------------------------|--|-----------------------------|-------------------------|
| Vegetables, fruits<br>(fresh, frozen, or<br>dried)                        | *                      | ★<br>Note 1             |  | ★<br>(Integrated<br>notice) |                         |
| Meat and processed meat products  | *                      |                         | *  | ★<br>(Integrated<br>notice) |                         |
| Fish and clams<br>(fresh,<br>refrigerated,<br>frozen,<br>salted or dried) | *                      |                         |  | ★<br>(Integrated<br>notice) |                         |
| Processed tea<br>and coffee   | *                      | Note 2                  |  |                             |                         |
| Rice  | *                      | ★<br>Note 1             |  |                             | Grain<br>Management Act |
| Alcoholic<br>beverages  | *                      |                         |  |                             | Liquor Tax Act          |
| Processed food<br>(canned, bottled,<br>or retort)                         | *                      | Note 3                  | ★<br>Note 1  | ★<br>(Integrated<br>notice) |                         |

 $<sup>\</sup>bigstar$  Laws and regulations by food category.

#### Notes

- 1. Certain items are exempted from quarantine for their manufacturing and processing. Details are provided in the Plant Quarantine Act and the Livestock Epidemic Prevention and Control Act.
- 2. This includes dried tea leaves and coffee beans. Details are provided in the Plant Quarantine Act.
- 3. Sterilized and disinfected canned or bottled fruits are not covered by the Plant Quarantine Act.

#### **Food Sanitation Act**

The Food Sanitation Act aims to contribute to the development of national health by preventing hygienic dangers from food imports, promoting qualitative improvement of nutrition, and providing proper information. Anyone wishing to import food (including food, equipment, and package) to sell or trade must notify the local Korea Food & Drug Administration (KFDA) governing the customs clearance area or the national quarantine service offices.

· Inquiries on import notification for food

#### Korea Food & Drug Administration (KFDA)

194 Tongilro, Eonpyeong-gu, Seoul, Republic of Korea

Telephone: +82-2-1577-1255

Website: http://eng.kfda.go.kr/index.php

E-mail: kfda@kfda.go.kr

#### **Plant Quarantine Act**

Plant products such as plants, vegetables, fruits, and tea are subject to plant quarantine based on the Plant Quarantine Act for customs clearance. Quarantine based on the Plant Quarantine Act aims to promote, and contribute to safety in agriculture and forestry production by preventing harmful insects.

· Inquiries on plant quarantine

#### National Plant Quarantine Service(NPQS)

433-1 Anyang 6-dong, Manan-gu, Anyang City, Geonggi-do, Republic of Korea

Telephone: +82-31-449-0524

Website: http://www.npqs.go.kr/homepage/english/

#### **Livestock Epidemic Prevention and Control Act**

All meat and processed meat products may be imported to Korea after quarantine based on the Livestock Epidemic Prevention and Control Act. The law aims to develop livestock industry and public health by preventing emergence or expansion of livestock epidemics.

· Inquiries on animal quarantine

#### National Veterinary Research & Quarantine Service (NVRQS)

335 Joongangro, Manan-gu, Anyang City, Geonggi-do, Republic of Korea

Telephone: +82-31-467-1700

Website: http://www.nvrgs.go.kr/Main\_Index.asp (with foreign language service)

#### **Foreign Trade Act**

Government may take measures to consistently increase export and import of goods when necessary for trade promotion based on the Foreign Trade Act, or restrict and ban export and import of goods. The Minister of Knowledge Economy may restrict or prohibit export and import of goods when necessary to implement treaties agreed and announced based on the Constitution, generally accepted international laws, and to protect biological resources.

The Foreign Trade Act aims to develop and advance the national economy by promoting overseas trade, establish fair and orderly trade, maintain the international balance of payments, and promote expansion of trade.

· Inquiries on import restrictions on import

#### Ministry of Knowledge Economy (MKE)

88 Gwanmunro, Gwacheon-si, Gyeonggi-do, Republic of Korea

Telephone: +82-2-1577-0900

Website: http://www.mke.go.kr/language/eng/index.jsp



#### **Grain Management Act**

The central government directly regulates major grains such as rice and barley. When necessary for adjustment of supply and demand based on the Grain Management Act, grains may be exported or imported. Traders who import "grains subject to permission" such as rice or rice powders must secure permission from the Minister of Food, Agriculture, Forestry and Fisheries. Grain trading quotas are based on the Minimum Market Access Quantity assigned to Korea, specified in the Marrakesh Agreement, in the establishment of the World Trade Organization. Traders who import or export grains not subject to permission with quota rates must secure recommendations from the Minister for Food, Agriculture, Forestry, and Fisheries. The Grain Management Act aims to contribute to the national economy through stability and security of food by managing an efficient supply and demand of grains, and establishing securities and funds for grains trading.

· Inquiries on the Grain Management Act

#### Ministry for Food, Agriculture, Forestry, and Fisheries

 $88\,Gwan munro\,Comples\,Gwacheon, Jungang-dong, Gwacheon, Gyeonggi-do$ 

Republic of Korea

Telephone: +82-2-503-7200

Website: http://english.mifaff.go.kr/main.tdf

#### **Liquor Tax Act**

The law which established taxes on alcoholic beverages provided for the following license taxes for manufactures: alcoholic beverages, crude or processed liquor; and licenses to sell alcoholic beverages. Traders who wish to import or export alcoholic beverages must secure a license from the National Tax Service to sell alcoholic beverages. Import or export of alcoholic beverages will not be allowed, if there are no licenses obtained.

· Inquiries on license for alcoholic beverages

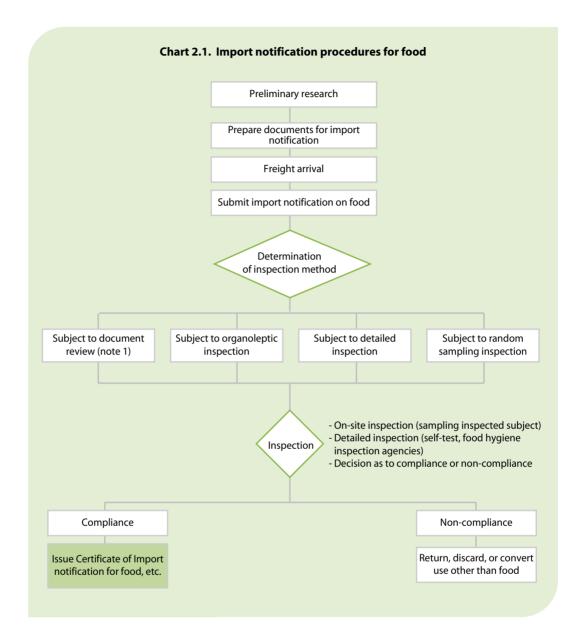
#### National Tax Service (NTS)

44 Cheongjindong-gil, Jongno-gu, Seoul, 110-705, Republic of Korea.

Telephone: +82-2-397-1200

Helpline for foreigners: +82-1588-0560 Website: http://www.nts.go.kr/eng/

### Food Sanitation Act: general food items



#### Notes

- 1. Import notification for food and other goods is made through simplified channel for customs clearance of Korea Customs Service or Korea Food & Drug Administration's online service.
- 2. Required documents for import notification include manufacturing process, list of materials, and Sanitary Certificate.



#### **Procedures for pre-import activities**

Traders who intend to import food or other goods could request consultancy services for import procedures from inspection and quarantine experts, at the pre-import stage. Pre-import consultations may be provided by the Korea Food & Drug Administration (KFDA) or individual consultants. Pre-import consultations will prevent non-compliance, and ensure that there are no errors in the preparation of documents required by the Food Sanitation Act.

A pre-import consultation on inspection and quarantine in Korea is different phase of activity distinct from the official import notification with the Korea Food & Drug Administration. Pre-import consultations should be done in advance, with companies that the traders selected, and who are competent on inspection and quarantine, customs duties, and other requirements. Advanced consultations will prevent errors, and facilitate the preparation of necessary documents, document reviews, and other import papers.

Inquiries

#### Korea Food & Drug Administration (KFDA)

194 Tongilro, Eonpyeong-gu, Seoul, Republic of Korea

Telephone: +82-2-1577-1255

Website: http://eng.kfda.go.kr/index.php

E-mail: kfda@kfda.go.kr

#### **Documents for import notification for food**

Anyone wishing to import food must comply with hygiene standards, after fulfilling certain requirements (for instance: hygiene standards for the use of the warehouse for storing food, hygiene in independent sales offices). Compliance documents for sales must be submitted to the relevant Korea Food & Drug Administration (KFDA) in the local area. Those who do not have sales notice certificates are advised not to proceed with the imports.

Documents necessary for import notification for food include the following:

- Sanitary certificates issued by the government agency in the country of origin for the export
- · List of materials
- Manufacturing and processing details.

However, different food items require different documents. Traders who are engaged in food imports must ask the exporter whether necessary documents can be provided.

Traders for food imports need to conduct self-inspection of quality based on the type of the food items. The trader must decide whether or not to import based on the results. Anyone wishing to import Health Functional Food must submit functional composition and scientific names of raw materials, titles of used materials, standards, specifications, contents and related materials. Health Functional Food is different from medical supplies. If the Korea Food & Drug Administration (KFDA) decides that an item belongs to medical supplies, it must be subject to import procedures of medical supplies. Hence, anyone wishing to import Health Functional Food must ask for

Preliminary research or conduct self-inspection of quality to confirm whether the item belongs to medical supplies based on functions and raw materials of the item.

#### **Documents required from importers**

Traders who import food or other goods must fill all necessary boxes in the form. The Notification Form for Importation of Food & Other Items should indicate the company name, address, item title, standards, quantity, weight, export country, manufacturer's name, shipping port, list of materials, manufacturing process, and other details.

Notification form and guide for importation of food and other items

#### Korea Food & Drug Administration(KFDA)

194 Tongilro, Eonpyeong-gu, Seoul, Republic of Korea

Telephone: +82-2-1577-1255

Website: http://eng.kfda.go.kr/index.php

E-mail: kfda@kfda.go.kr

The import notification forms for food and other goods are in the Korean language. To avoid errors in filling up the form, exporters must provide the importers with correct information as to product name, manufacturer, address, manufacturing process, and list of materials.

\*\*\* Annex 1. Notification form for importation of food & other items



Table 2.2. Documents required from exporters

| Category  | Necessary documents   |  |  |
|---|---|--|--|
| Meat and processed meat products                              | Sanitary certificate: issued by the exporting country's government.   |  |  |
| Marine products<br>(fresh, dried,<br>refrigerated, or frozen) | <ul> <li>Sanitary certificate: issued by the appropriate government agency of the exporting country. The certificate must state the following information: type of fish, areas of catch, and hygienic processing.</li> <li>However, sanitary certificates are required only for marine products imported from countries that is a party to a phytosanitary treaty with Korea-China, Vietnam, Thailand, and Indonesia.</li> </ul>  |  |  |
| Processed food  | <ul> <li>List of raw materials: rates of food additives shall be given along with exact scientific names, those issued or prepared by the manufacturer (if in English or other languages, they must be translated into Korean)</li> <li>Manufacture and process details: documents bearing overall processes from raw materials to finished goods. For processing with fumigation, freezing or steaming the temperature must be indicated.</li> <li>Manufacturer's preparations and signature.</li> <li>Composition analyses (when necessary)</li> <li>Nutritive elements (when necessary)</li> <li>Name and address of the manufacturer and manufacturing site</li> <li>Documents recognized as necessary by the Head of Korea Food &amp; Drug Administration (KFDA) to secure food safety such as inspection report for dioxin residue, governmental certificate of the manufacturing country stating that ruminants not infected by BSE have been used (when necessary)</li> </ul> |  |  |
| Others  | <ul> <li>Inspection certificate (vegetables, fruits, mushrooms, and others)</li> <li>Export Certificate (for frozen fruits, certificate stating that fruits have been frozen under -17.8C)</li> <li>Exporters must prepare documents necessary for inspection and quarantine according to the type of food and exporting country, such as sanitary certificate, inspection certificate or inspection report.</li> </ul>   |  |  |

#### Inspection certificate or inspection results

If necessary, exporters or importers, may prepare for inspection certificate or inspection reports issued by domestic or overseas authorized inspection organizations.

Food importers must discard, return, or convert the use of the imported goods when the item is decided to be inappropriate after inspection and quarantine. In this case, importers may suffer losses due to the cost and time to discard or return the food item. It is recommended that imported food traders must refer to the Food Sanitation Act to receive samples from exporters, and for inspection as to pesticide residue, use of food additives, and presence of noxious or harmful materials.

The inspection certificate is different from the import notification for food and other goods. If after inspection, the imported food item complies with Korea's Food Sanitation Act, importers may proceed to import the item. In the event that the import applicant submits an inspection certificate or inspection report issued by domestic or overseas inspection organizations recognized by Korea's Food & Drug Administration, a detailed inspection for the relevant item may take place. The inspection of the food items may also be adjusted.

The Korea Food & Drug Administration (KFDA) may omit part, or the whole process of the inspection in the following cases:

- 1. When the food item is not in the dangerous food category list, as provided in the Food Sanitation Act. The item must be in the positive list of the Korea Food & Drug Administration. The KFDA must confirm that the item does not violate the Food Sanitation Act. Marine animals or plants with permits from the government of the exporting country could be included. This rule applies only when those imported from Korea are regarded in the same manner.
- 2. When inspection results or the inspection certificate is submitted by the domestic or international inspection institutions recognized and noted by the Korea Food & Drug Administration (KFDA)
- 3. When the item has been imported by a registered importer with an excellent record.

#### Box 2.1. Key points to remember: application for advanced checking and confirmation of imported food

Importers who apply for Advanced Checking and Confirmation of Imported Food must submit the Application Form for Advanced Check and Confirmation of Imported Food & Other Items to the Korea Food & Drug Administration (KFDA) along with the following documents (electronic documents accepted).

- 1. Documents on the export items, with the following information
  - Food: product name, names of raw materials used; list of materials, methods of manufacture and processing.
  - Food additives: names and composition standards of food additives
  - Equipment, containers, or packages: materials, use, and background colors, as well as pictures showing the whole appearance of the product.
- Original copy of the inspection report or inspection certificate issued by the domestic or overseas inspection institutions. The report must state that the food items comply with the standards and specifications for import of food and related items to Korea.
- 3. Address of manufacturing and processing factories, building map (including machinery, equipment installation) and documents on working sites.



#### Import notification for food

Food products subject to import notification

Traders who import food and other goods to sell or trade (equipment, container, package included) must submit a notice to Korea's Food & Drug Administration (KFDA). This agency is the authority for the relevant local customs clearance area, such as bonded areas, or the local office of the National Quarantine Service.

Table 2.3. Import notification for food and other goods

| Time to submit | Pre-notification, 5 days before expected arrival date is allowed. In the event of changes to ports or dates notified in advance, an immediate notice is required.  |
|----------------|--|
| How to submit  | <ul> <li>Anyone wishing to import food, etc. must submit import notification before customs clearance via a local Korea Food &amp; Drug Administration (KFDA) website and the Customs Service website (UNI -PASS).</li> <li>Upon import notification for food, etc., registration to a local Korea Food &amp; Drug Administration (KFDA) website and the Customs Service website is necessary.</li> <li>Mostly, customs duties companies or inspection/quarantine agencies carry this out</li> </ul> |
| Cost           | No fees for submission. However, when working through customs duties companies or inspection/quarantine agencies, there may be cost necessary as well as cost for inspection and transportation (when necessary).  |

#### - Inquiries

#### Korea Food & Drug Administration(KFDA)

194 Tongilro, Eonpyeong-gu, Seoul, Republic of Korea

Telephone: +82-2-1577-1255

Website: http://eng.kfda.go.kr/index.php

E-mail: kfda@kfda.go.kr

#### Food products not subject to notification

- ① Food of common use imported by foreign Embassies or Consulates or corresponding organizations.
- ② Food carried by travelers for self-consumption.
- ③ Samples of products or advertisement items taken in for free with clear labeling.
- ④ Machines and components used for manufacturing, processing, cooking, and transportation of food and other goods.
- $\ensuremath{\mathfrak{G}}$  Non-consuming materials used for manufacturing food additives.
- **(6)** Goods directly used by central or local governments.
- $\ensuremath{{\bigcirc}}$  Food carried in for free for patient suffering from congenital metabolic disorders.
- ® Materials used for manufacturing equipment or container packaging.
- (9) Other food that the Head of Korea Food & Drug Administration (KFDA) admits no danger in terms of hygiene.

#### Imported food inspection

All imported food must be inspected before customs clearance and they must meet standards

and specifications just like food items manufactured in Korea. Food inspectors will check the import notification documents and goods for compliance with the Food Sanitation Act. When the inspection results indicate compliance with the Food Sanitation Act, a Certificate of Import notification for food and other items will be issued to importers, and the Customs Office will be notified.

When the inspection results indicate non-compliance, the import of the food item to Korea will be prohibited. The imported food items must be discarded or returned to the origin. It is also possible to change the indicated use of the food item. Therefore, it is important that the importers must carefully review whether or not the goods are compliant based on the Food Sanitation Act, and obtain sufficient documentation as evidence.

The different types of inspections for various types of food imports are as follows.

#### 1. Document review (2 days)

| Subject food<br>item | Food item to acquire foreign currency, raw materials for manufacture of own goods, food for research and studies, edible spices, food refined, or the same food from the same company which has passed through detailed inspection |
|----------------------|--|
| Inspection<br>method | It is to decide compliance or non-compliance by reviewing documents for import notification for food, etc. It is to review names of products, list of materials, allowed additives, Korean labeling items, etc. on the documents   |

#### 2. Organoleptic inspection (3 days)

| Subject food         | Agricultural, forestry, and marine products out of raw materials for food. Those without criteria and standards for food or those decided for organoleptic inspection during document review |
|----------------------|--|
| Inspection<br>method | It is to decide compliance or non-compliance by assessing form, features, taste, smell, and history of detailed inspection   |

#### 3. Detailed inspection (10 days)

| Subject food      | Food firstly imported, food criticized for having harmful materials in Korea, and the same food of non-compliance based on detailed inspection or random sampling inspection which is re-imported by the same company, and food of concern for possible dangers based on organoleptic inspection |
|-------------------|--|
| Inspection method | Physical, chemical, and microbiological methods, including document review and organoleptic inspection   |

#### 4. Random sampling inspection (5 days)

| Subject food         | Imported food inspection for raw materials to manufacture own goods or the same food of the same company subject to document review Food selected from random sampling program of the integrated network |
|----------------------|--|
| Inspection<br>method | Physical, chemical, and microbiological methods, including document review and organoleptic inspection   |



For the first-time importers, the minimum quantity of food subject to detailed inspection of food hygiene organizations other than local Korea Food & Drug Administration (KFDA) is 100 kilograms. When the first imported quantity falls below this amount, the goods must be checked by organizations other than local governments or quarantine service offices against relevant standards and specifications. When re-importing a quantity below 100 kilos, the goods may be recognized if imported as the same goods by the same company. After detailed inspection, when the goods are the same goods exported by the same exporting company, the application will be recognized. Simplified procedures such as document review or organoleptic inspection will be carried out by the Korea Food & Drug Administration (KFDA) soon after.

#### Relevant laws and institutions for food inspection in Korea

|                                  | Local office of the Korea Food and Drug<br>Administration<br>Website: http://eng.kfda.go.kr  |  | National Veterinary<br>Research and<br>Quarantine Service<br>Website: www.eng.nvrqs.go.kr  | National Fisheries Products<br>Quality Inspection Service<br>Website: http://www.nfis.go.kr/English   |
|----------------------------------|--|--|--|---|
| Laws                             | Food Sanitation Act  | Public Health<br>Control Act   | Livestock Epidemic<br>Prevention and<br>Control Act  | Food Sanitation Act and regulations related to commissioning of administrative rights   |
| Items of inspection              | All agricultural, forestry, and processed food imported for business (Excluding items subjected to the Livestock Epidemic Prevention and Control Act), food additives, equipment, containers, and packages | Washing materials<br>and other cleaning<br>materials<br>(disposable cup,<br>spoon, chopsticks,<br>toothpicks, and<br>sanitary paper) | Imported processed<br>meat product (meat,<br>crude milk, processed<br>meat products, beef<br>tallow, lard, processed<br>milk products,<br>processed egg<br>products, etc.) | Marine products processed without any other additives or materials maintaining original forms (raw fish and clams, refrigerated products, salted products, fish eggs, smoked fish, dried products, frozen products) |
| Responsible<br>organizatio<br>ns | Ministry of Health<br>and Welfare<br>Korea Food & Drug<br>Administration   | Ministry of Health<br>and Welfare<br>Korea Food & Drug<br>Administration   | Ministry for Food,<br>Agriculture, Forestry,<br>and Fisheries  | Ministry for Food,<br>Agriculture, Forestry, and<br>Fisheries   |

#### Key points in the inspection

- 1. Do the manufacturing methods and standards comply with the requirements in the Food Sanitation Act?
- 2. Are the additives used within the allowed scope?
- 3. Are there any poisonous or dangerous materials?
- 4. Is there any past record of violation of the manufacturing factories or manufacturers?

#### Major issues to be reviewed by importers

- 1. Are the food items included in the list of prohibited goods for import-
- 2. Proper use of raw materials (whether the raw material is allowed, materials used are within the limits).
- 3. Compliance with standards for use of food additives

- 4. Compliance with standards for manufacturing and processing
  - \* As for food additives, solvents and residues used when manufacturing and processing must be checked.
- 5. Exaggerated advertisement, false labeling, or overstated packaging based on the Food Sanitation Act.
- 6. Compliance with standards and criteria provided in the Food Code and Food Additive Code.
- 7. Equipment and packaging: names of all materials touching the food item in the manufacturing process.
- 8. Whether or not the food item has a genetically modified organism (GMO)
- 9. Organic food: check whether or not the 'organic certificate' submitted is recognized by the International Federation of Organic Agriculture Movements (IFOAM) or the exporting country's government agency.

#### Box 2.2. Food Code: standards and specifications for food and additives

All food items in Korea must comply with standards and specifications prescribed by the Food Sanitation Act (Food Code). Importation of food items not complying with the Food Additives Code is not allowed. It is also prohibited to manufacture, process, sell, and import food which do not comply with the Code. The Food Code has the following 11 sections:

- 1. General principle
  - General principles such as terminology, and categorization of raw materials for food.
- 2. Common criteria for general food items
  - Standards and specifications commonly applied to general food items such as limit of pesticide residue, standards for radioactivity, heavy metals, residual animal medical supplies, preservation, and circulation.
- 3. Standards and specifications for long-term preservation
  - Standards and specifications for bottled or canned food, retort food, or frozen food.
- 4. Standards and specifications for general processed food not subject to standards for processed food grains, beans, root and craps, starch, edible oil, sugar, marine products, and others.
- 5. Standards and specifications by food

There are standards and specifications for 29 food classes, including the following.

| 1  | Confectionery                | 16 | Tea                  |
|----|------------------------------|----|----------------------|
| 2  | Bread or rice cake           | 17 | Coffee               |
| 3  | Processed cocoa or chocolate | 18 | Beverages            |
| 4  | Jam                          | 19 | Food for special use |
| 5  | Sugar                        | 20 | Sauce and paste      |
| 6  | Grape sugar                  | 21 | Seasoning            |
| 7  | Fruit sugar                  | 22 | Dressing             |
| 8  | Taffy                        | 23 | Kimchi               |
| 9  | Sugar syrups                 | 24 | Salted seafood       |
| 10 | Oligosaccharide              | 25 | Pickled food         |
| 11 | Meat or processed eggs       | 26 | Boiled food          |
| 12 | Processed fish               | 27 | Alcoholic beverages  |
| 13 | Tofu or jelly                | 28 | Dried food           |
| 14 | Edible oil                   | 29 | Others               |
| 15 | Noodles                      |    |                      |

- 6. Standards and specifications for marine products
  - Standards and specifications for number of germs, colon bacillus, enteritis vibrios, carbon monoxide, and other harmful organisms.
- 7. Standards and specifications for equipment, containers, and packages used in the manufacture and processing of the food item.
- 8. Standards and specifications for cooked food in restaurants (including group meal providers).
- 9. Sampling and handling of inspected goods
- 10. General test methods
- 11. Reagent, test solution, standard solution, and regular solution to analyze.

Standards and specifications for food in Korea define standard values and its raw materials including food issues such as micro-organisms, heavy metals, residual animal medical supplies, and others.

As for manufactured food for infants, they are of special purpose and there are very strict standards and specifications. Food products for special purposes include extra nutritional care for new-born babies and infants, patients, obese people, pregnant or lactating women, and others. Food items in this category include manufactured and processed goods for infants, adolescents, manufactured and processed grains for infants, other food for infants, food for special medical purposes, manufactured food for obesity control, and food for pregnant or lactating women.

#### • Information on standards and specifications

#### Korea Food & Drug Administration (KFDA)

Website: http://fa.kfda.go.kr

#### Standards and specifications for food additives (Food Additives Code)

The Food Sanitation Act, "food additives" refer to materials combined or mixed with food in the process of manufacturing, processing, or preserving food or materials used to soak food. In this case, materials indirectly mixed with food in the process of sterilizing and disinfecting equipment, containers, and packages

#### Food additives that may be used in Korea

Standards and specifications for food additives are provided, which include 432 types of chemical mixtures, 206 natural additives, and mixed materials.

#### Regulations on food additives

Standards and specifications for food additives are defined by notices from the Korea Food & Drug Administration, the Ministry for Food, Agriculture, Forestry, and Fisheries. Standards and specifications for food additives define standards for manufacturing and using food additives, standards by item, and others.

#### Standards for food additives

As for food additives, standards for food type, composition, and standards for each material (maximum use) are given. There should be no excess use of food additives. Certain food additives may be legally available in exporting countries but are prohibited in Korea. Even those available in Korea may have standard values different from those of exporting countries by food types. Food using food additives not complying with the Food Additives Code cannot be imported to Korea.

#### Labels for food additives

Due to the growing interest in food additives, comprehensive and accurate labeling is required. In Korea, all raw materials and composition including food additives shall be displayed to strengthen the nation's rights to know and to comply with international labeling standards.

Consumers are susceptible to special body reactions or allergies to certain food additives. The use of main food additives are of great concern to the nation. These additives include synthetic sweeteners, coloring agents, synthetic preserves, antioxidants and bleaching agents that may lead to excessive responses from bodies. This type of additives shall be displayed regardless of its volume or quantity of use. Not all food additives are to be displayed. The current standards for food labelling includeing a list of has 70 food additives which require the display of its names.

#### • Information on food additives

#### The Korea Food & Drug Administration (KFDA)

Website: http://fa.kfda.go.kr

#### Frequently asked questions (FAQs) when importing food

It is my first time in importing food. What qualifications are necessary?

Traders who import food and related items for sale or trade must report their business to the local Food and Drug Administration governing the business area. Rules on food, food additives, equipment, and packaging based on "Act on Import and Sales of Food" or the "Act on Functional Health Food Import" for functional health food.

How is the import declaration made?

Import notification can be made after signing up to the Customs Office or when you use the electronic clearance system, UNIPASS (http://portal.customs.go.kr), or electronic civil service window of the KFDA (http://minwon.kfda.go.kr/index.jsp) and follow the order to fill up the notification form.

When the product whose import notification has been made is found to be non-compliant, what is to be done?

The relevant importer of non-compliant food items, based on the findings of the inspection, must return, send to other countries, or discard the product (see Article 12, Clause 1 of the Implementation Regulation of the Food Sanitation Act).

When the manufacturer confirms that they have not added foreign materials to products imported for the first time and found to be non-compliant based on a detailed inspection, is the importer allowed to ask for re-inspection?

The relevant laws on the re-inspection of food are: Article 17, Clause 2 of "the Food Sanitation Act" Article 7 Clause 1, or Article 9, Clause 1 of the Decree of the same Act. The law provides that when the product does not conform to standards and specifications and when two or more inspection methods produce different results, the government agency informs the importer of the methods of collection, inspection, extraction, treatment, and results of the inspection. Only then the importer is allowed to ask for re-inspection. The institution responsible for collection and inspection of food imports are the Ministry of Health and Welfare; and the Korea Food & Drug Administration (KFDA) located in each municipality province, municipality, country, and district.

The importer of non-compliant products not pertaining to the above statement must carry out the following procedures (based on Article 11, Clause 7 of the Implementation Order (Food Sanitation Act): .



- 1. Return the product to the exporting country or export to other countries.
- 2. Transfer the use other than for food
- 3. Miscellaneous violations based on the findings of the Korea Food & Drug Administration (KFDA): supply the missing data with supplemental information. Import notification may be re-issued.
- 4. Discard the imported food item.

How about imported bottled products categorized as canned food? Can these be recognized and approved?

Bottled products and canned products may have different standards and manufacturing processes. They can't be recognized as the same food item from the same company. These products will be subject to detailed inspection.

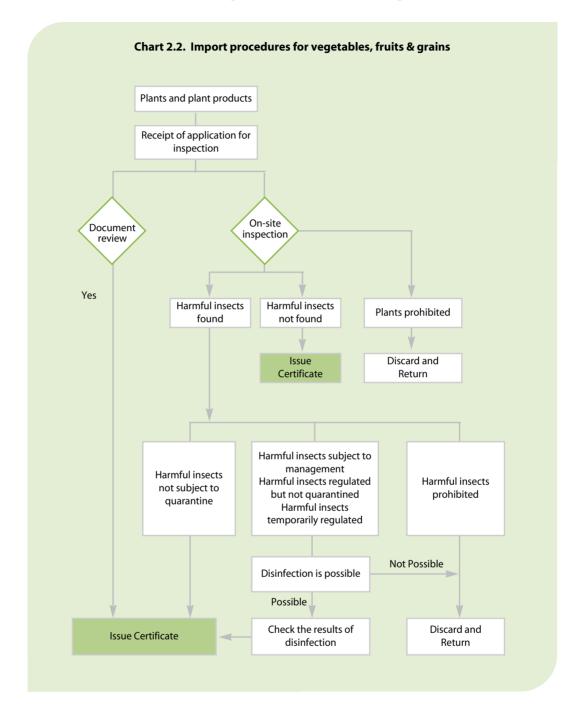
Will clearance check be exempted when I have the inspection certificate issued by an overseas inspection institution?

If an importer submits a certificate or report of results from a foreign institution undertaking inspection, detailed inspection may be exempted or the scope of inspection may be adjusted.

What is the inspection certificate or inspection result certificate of an authorized inspection institution?

An authorized overseas inspection institution ("overseas inspection institution") refers to a public inspection institution established by the exporting country's government (local government included) or other institutions (branch included) recognized by the exporting country's government and recognized by the Korea Food & Drug Administration (KFDA) as having inspection abilities.

## Plant Quarantine Act: vegetables, fruits, and grains





#### **Preliminary research**

Plants and plant products must pass plant quarantine based on the Plant Quarantine Act. The purpose of this act is to quarantine domestic, exported and imported plants, prevent harmful insects, contribute to safety, promote agriculture and forestry production, and protect natural environment. Plants and plant products are divided into the following: items not allowed to be imported, items subject to inspection, or items exempted from inspection. It is necessary to check whether the item needs to be quarantined.

#### Items prohibited for importation

The following must not be imported ("prohibited items").

- Plants produced or sent from an area where insects whose harm to plants in Korea is grave.
   This is based on the results from harmful insect risk analyses or product passing through such an area. The areas with general passages designated by the Ministry for Food, Agriculture, Forestry and Fisheries shall be excluded.
- Harmful insects
- Earth soil or plants with earth soil.

The list of plants not allowed for import, plants from prohibited areas, and plants with prohibited, harmful insects are posted on the websites of the Ministry for Food, Agriculture, Forestry and Fisheries and the National Plant Quarantine Service. The list of prohibited plants and areas based on the Plant Quarantine Act will be posted when necessary. Importers must check the list beforehand, and determine whether or not plants and plant products are in the prohibited list. Prohibited plants and plant products could be imported if there is approval of the Minster for Food, Agriculture, Forestry and Fisheries. Approval is given for research and experiment, use in government-approved expositions with certain requirements, such as submission of risk management plans for harmful insects by the exporting country. In these cases, the Minister for Food, Agriculture, Forestry and Fisheries may decide that there is no harm for these plants to be brought into Korea based on the risk analysis of harmful insects, or for security of resources based on the "Act on Conservation, Management and Use of Agricultural Genetic Resources".

The Minister for Food, Agriculture, Forestry and Fisheries may temporarily restrict the importation of plants from a bypassed area if there is a decision to control the emergence of regulated harmful insects into Korea. Importers must therefore check whether or not the goods to be imported are in the restricted list. Unripe bananas or pineapples may be imported from all regions when the importer has a Phytosanitary Certificate. Papayas may be imported from the Philippines only under specific conditions (steamed processing at the place of origin (46.5-, 70 minutes), with a certificate of a Korean plant inspector's on-site visit report.

- Information on prohibited items

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Website (in Korean): http://www.npqs.go.kr/homepage/plant\_info/info01\_04.asp

Fresh fruits and vegetables and phytosanitary certificates

Fresh fruits and vegetables may be imported if a Phytosanitary Certificate is issued by the plant inspection institution of the exporting country.

Table 2.4. Fresh fruits & vegetables & phytosanitary certificates

| Item               | Areas allowed for import   | Item           | Areas allowed for import   |
|--------------------|--|----------------|--|
| Persimmon          | USA (Hawaii, Texas, and Florida<br>excluded)<br>Japan<br>New Zealand   | Tangerine      | USA (Hawaii, Texas, and<br>Florida excluded)<br>Japan<br>New Zealand |
| Sweet<br>persimmon | Japan<br>New Zealand   | Durian         | Thailand   |
| Strawberry         | Japan  | Sweet cherry   | Japan  |
| Lime               | USA (Hawaii, Texas, and Florida excluded)  | Cowberry       | Nepal<br>Indonesia   |
| Lemon              | USA (Hawaii, Texas, and Florida<br>excluded)<br>Japan (Kyushu and Ryukyu<br>archipelago excluded)<br>New Zealand | Melon          | USA (Hawaii excluded)<br>Japan<br>Uzbekistan<br>New Zealand          |
| Pomegranate        | Iran (Sistan and Baluchistan Province excluded) Uzbekistan   | Avocado        | USA (Hawaii and Texas<br>excluded)<br>New Zealand                    |
| Citron             | Japan (Kyushu and Ryukyu archipelago excluded)   | Oriental melon | Japan<br>Uzbekistan  |
| Grapefruit         | USA (Hawaii, Texas, and Florida<br>excluded)<br>Japan (Kyushu and Ryukyu<br>archipelago excluded)                | Kiwi           | USA (Hawaii excluded)<br>Japan<br>New Zealand                        |
| Coconut            | All regions  | Tomato         | Japan  |
| Pineapple          | All regions  | Unripe banana  | All regions  |
| Grape              | USA (Hawaii and Texas excluded)<br>Japan<br>New Zealand  | Pumpkin        | Japan<br>New Zealand   |

The following fresh fruits and vegetables may be imported under special conditions.



Table 2.5. Fresh fruits & vegetables and special conditions for import

| ltem          | Country      | Import conditionsRequirements for import   |  |
|---------------|--------------|--|--|
| Mango         | Taiwan       | Heat treatment at the site of production (30 minutes, 46.5℃), on-site inspection by Korean plant quarantine inspectors   |  |
|               | Philippines  | Heat treatment at the site of production (10 minutes, 46.5℃), on-site inspection by Korean plant quarantine inspectors   |  |
|               | Thailand     | Heat treatment at the site of production (20 minutes, 47°C or higher), or site inspection by Korean plant quarantine inspectors  |  |
| Mango         | Australia    | Mangoes or fresh fruits produced at registered fruit gardens, fruit collection sites, or heat treatment sites for import to Korea. Those inspected for harmful insects and heat-treated (15 minutes, 47°C) and inspected by Korean plant quarantine inspectors at the site.  |  |
| Papaya        | Philippines  | Heat treatment at the site of production (70 minutes, 46.5 $^{\circ}$ C), on-site inspection by Korean plant quarantine inspectors   |  |
| Grape         | Chile        | Statement that "the products have been harvested in an area recognized to be free of fruit flies" on the Phytosanitary Certificate. However, over the period of emergency import prohibition due to findings of a presence of Mediterranean fruit flies, the certificate must state that "the products do not bear fruit flies and have been harvested in areas other than those regulated among the designated harvest area for export to Korea"  |  |
| Kiwi          | Chile        | Statement that "the products have been harvested in an area recognized to be free of fruit flies" on the Phytosanitary Certificate. However, over the period of emergency import prohibition due to findings of a presence of Mediterranean fruit flies, the certificate must state that "the products do not bear fruit flies and have been harvested in areas other than those regulated among the designated harvest areas for export to Korea" |  |
|               | New Zealand  | The Phytosanitary Certificate must state that "there are no codling mot and shot hole diseases"  |  |
| Sweet cherry  | USA          | MB smoking (2 hours) on the site of production, disinfection treatment and the name of counter of the place of origin on the Phytosanitary Certificate, a statement that "the products have not been infected by harmful animals prohibited to be imported, Stigmina carpophila and Blumeriella jaapii based on the inspection"  |  |
|               | China        | Fresh sweet cherry produced in Shantung, China, at registered fruit gardens or fruit collection sites. The non-occurrence of harmful inspect must be verified and checked through cultivation site inspection. This must be stated on the Phytosanitary Certificate.   |  |
| Sour sop      | Taiwan       | Heat-treated (20 minutes, 46.2°C) at the site of production, low temperature treatment (42 hours, 0-2°C), inspected by Korean plant quarantine inspectors at the site.   |  |
| Ponkan orange | Taiwan       | Low temperature treatment on the site (14 days, 0-1 $^\circ$ ), inspected by Korean plant quarantine inspectors at the site.   |  |
| Sweet orange  | South Africa | Low temperature treatment on the production site or when being transported (24 days, $-0.6\% \pm 0.6\%$ or below), inspected by Korean plant quarantine inspectors at the site.  |  |

| ltem  | Country         | Import conditions Requirements for import  |  |  |
|---|-----------------|--|--|--|
| Orange<br>(tangerine<br>included)<br>Grapefruit | Florida, USA    | The Phytosanitary Certificate of Florida, USA stating that "the products have been produced at places designated by the Florida Fruit Flies Agreement and are believed not to have been infected by fruit flies based on the export inspection by the US Animal and Plant Inspection Service"  |  |  |
| Orange  | Spain           | Low temperature treatment (17 days, 2- and below) before shipping from the export country or under transportation, inspected by Korean plant quarantine inspectors at the site.  |  |  |
| Sweet pumpkin                                   | Tonga           | Collected and packaged from the fruit collection site registered in areas where disinfection has taken place. The package must state the purpose of export to Korea, name of fruit collection site, number of cultivators and the date of packaging.   |  |  |
| Avocado   | Mexico          | Produced by the complex for export to Korea (to be checked by Korean plant quarantine inspectors on the site). The Phytosanitary Certificate must state that "the fresh avocado has not been infected by <i>Nectria galligena</i> and produced in Michoacan without emergence of the Mediterranean fruit flies". However, over the period of emergency import prohibition due to the Mediterranean fruit flies, the Certificate must state that "the fresh avocado has not been infected by the Mediterranean fruit flies and <i>Nectria galligena</i> and produced in areas of Michoacan other than designated regulated areas" |  |  |
| Orange  | Chile           | The Phytosanitary Certificate must state that "the fresh oranges have no Septoria citri and Pantomorus cervinus and have been produced at areas designated to be complexes for export to Korea". However, over the period of emergency import prohibition due to the Mediterranean fruit flies, the Certificate must state that "the fresh oranges have no fruit flies, Septoria citri and Pantomorus cervinus and have been produced in areas other than regulated areas among those designated to be complexes fo export to Korea."  |  |  |
| Lemon   | Chile           | The Phytosanitary Certificate must state that "the fresh lemons have no Septoria citri and have been produced at areas designated to be industrial complexes for export to Korea." However, over the period of emergency import prohibition due to the Mediterranean fruit flies, the Certificate must state that "the fresh oranges have no fruit flies and Septoria citri and have been produced in areas other than regulated areas among those designated to be industrial complexes for export to Korea."   |  |  |
| 3 plant genera<br>including<br>Anthurium family | The Netherlands | As plants of lower parts of <i>Anthurium</i> and <i>Calathea</i> , <i>Musa</i> genus, found to have not been infected by banana toppling disease nematodes based on regular sample tests after registering to plant cultivation facilities or sites for export to Korea. This must be stated as such on the Phytosanitary Certificate.   |  |  |
| Walnut<br>(cast or uncast)                      | USA             | Cast walnuts must have been produced in the USA. They must have been MB-smoked at the production site, and must be stated as such on the Certificate. Uncast walnuts must have been produced in California and MB smoking must have taken place under supervision of inspectors This must be stated as such on the Certificate.  |  |  |
| Orange  | Egypt           | Oranges produced at designated fruit gardens for export (Navel, Valencia, and Baladi). Low temperature treatment at the production site or under transportation (16 days, 1.7 $^{\circ}$ C), inspected by Korean plant quarantine inspectors at the site.  |  |  |



- Information on prohibited plants

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#### Items exempted from quarantine

All plants and plant products must be quarantined. Exemption from quarantine may be granted according to the processing or packaging used for the food item. These include the following.

- 1. Chemical medicine, salt, sugar, oil, and other materials with antiseptic effect:
- Plants soaked or preserved in alcohol, acetic acid, salt, sugar, or oil.
- Plants soaked or preserved in chemical solutions such as SO2.
- Plants processed with antiseptics or dyestuffs.
- Plants soaked or preserved in materials with antiseptic effects.
- 2. Harmful insects have been killed and discarded and items have been packaged to prevent any further entrance of such insects:
- Plants roasted, broiled, steamed, or boiled and sealed and packaged.
- Starch
- Rice straws or straw mats sealed and bear a governmental certificate which must state
  "soaked in more than 50% oxygenated water for more than 30 minutes. Steamed or
  bleached for more than 30 minutes before sealing when the plant temperature has
  reached 100-". In this case, the certificate must bear the name of the exporters,
  importers, item title, quantity, processors, density and soaking time with oxygenated
  water, temperature and length of steaming process, and date of issuance as well as the
  public seal of the issuing organization.
- Items in the forms of pellet, crumble, flake, or extrusion heat-processed with temperature higher than 60- for more than 10 minutes before sealing.
- 3. Plants processed so harmful insects cannot inhabit:
- Fruits cut, steamed or boiled for more than 5 minutes when the plant temperature has reached 90- and then frozen under -17.8-.
- Steamed or boiled before freezing.
- Fried plants or heat-steamed, dried, and sealed plants.
- Plants processed as powders, sealed, and packaged.
- Plants sealed in retail containers or cans after drying.
- 4. Tea, aloe vera, spices or similar products

#### Items subject to quarantine

All plants and plant products are subject to the Plant Quarantine Act. "Plants' refer to seed plants, ferns, moss, mushrooms and their seeds, fruits, and processed products. Items must be "processed to prevent harmful insects, as required by the Ministry for Food, Agriculture, Forestry and Fisheries shall be excluded. "Plants" must exclude harmful insects.

#### **Documents for plant inspection and quarantine**

Importers must submit an Import notification of Items Subject to Plant Quarantine and Application Form for Inspection or Application Form for Permission of Import of Prohibited Items to the National Plant Quarantine Service. Exporters must prepare a Phytosanitary Certificate issued by the government of the exporting country, in compliance with the plant quarantine certificates forms prescribed by the International Plant Protection Convention.

- 1. Documents required from importers
- Import notification of Items Subject to Plant Quarantine
- · Application Form for Inspection; or
- Application Form for Permission of Import of Prohibited Items.

#### 2. Documents required from exporters

| Phytosanitary<br>Certificate | Phytosanitary Certificate issued by the exporting country's government, in compliance with the phytosanitary certificate forms prescribed in the International Plant Protection Convention |
|------------------------------|--|
| Basic trade<br>documents     | <ul><li>Invoice</li><li>Packing list</li><li>Bill of lading or air way bill</li></ul>  |

- 3. In cases when the phytosanitary certificate is not necessary
- Items bearing Certificate of Quality and Condition, Export Certificate, or similar document stating that the items have been frozen below -17.8-, and issued by government or public institutions of the exporting country.
- Items bearing an Export Certificate issued by quarantine institutions of the exporting country. Simple processes were used: heating, drying, pulverization, compression, or sealing such as pellets, cubes, gourds, powders, teas (peelings, petals, roots, and others), mixed grains allowed for import, and others.

#### **Application for review and inspection**

Import traders for items subject to quarantine must submit an Import notification of Items Subject to Plant Quarantine and Application Form for Inspection or Application Form for Permission of Import of Prohibited Items to the National Plant Quarantine Service. Submission could be done using the National Plant Quarantine Service website or UNI-PASS, the simplified channel for customs clearance provided by the Customs Service. Applicants will be notified of the results by the Customs Office via the National Plant Quarantine Service website or simplified



channel. Items subject to plant quarantine cannot be imported through areas other than those ports, airports, and stations designated by the Ministry for Food, Agriculture, Forestry and Fisheries ("import port"). Importers must select the port of entry with care.

• Inquiries and application for inspection and quarantine

#### **National Plant Quarantine Service (NPQS)**

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The application for review and inspection of plant imports must be written in Korean. It must be electronically filled and sent to the National Plant Quarantine Service. The Phytosanitary Certificate issued by the exporting country will be received by the National Plant Quarantine Service.

#### **Quarantine and inspection by National Plant Quarantine Service**

Plants and plant products will be extracted for inspection according to forms of plants based on the Plant Quarantine Act. Mostly, it covers harmful insects and earth subject to prevention. Phytosanitary Certificate will be issued upon finding that there are not harmful insects or earth subject to prevention. Otherwise, it will be issued after disinfection.

#### **Key points of inspection**

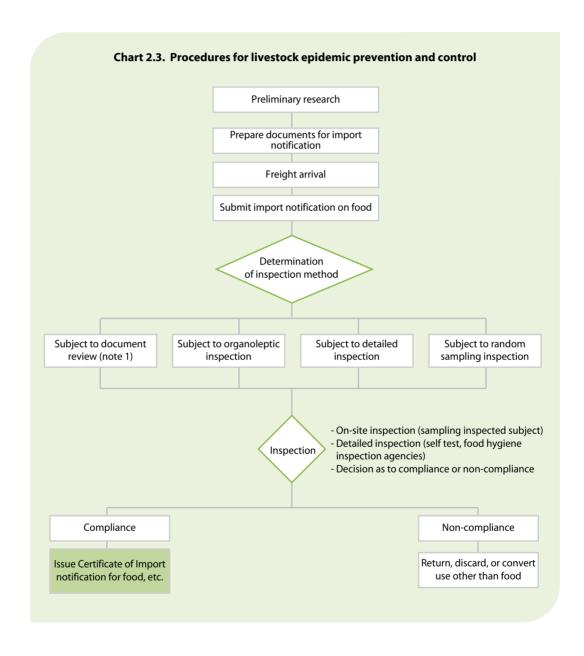
- ① Are there any items not allowed for import?
- ② Are documents necessary for plant quarantine well-prepared (Phytosanitary Inspection Certificate, Application for Inspection)?
- ③ Are there any earth soills there any earth soil or harmful insects to be prevented?

#### **Treatment for non-compliance**

Upon finding harmful insects subject to prevention, the item will be returned to the exporting country, or discarded, or an order of disinfection will be given. The importer must complete disinfection on his/her expenses according to standards in the Plant Quarantine Act and receive Phytosanitary Certificate. Disinfection generally takes place in a designated area and movement is not allowed. Upon finding prohibited insects, movement will be prohibited and the item must be discarded (incinerated) or returned.

# Livestock epidemic prevention and control: meat & meat processed goods

The procedures for livestock epidemic prevention and control for meat and meat-processed goods is summarized in the following chart, as mandated by the Livestock Epidemic Prevention and Control Act.





#### Preliminary research

Import traders for meat and processed meat products must pass quarantine prescribed in the Livestock Epidemic Prevention and Control Act before importation. The goal of this law is to contribute to the development of the livestock industry and ensure public health and safety by preventing the emergence or expansion of epidemics. The import traders must check if meat and processed meat products are designated subjects for quarantine.

Designated quarantine subjects include the following:

- 1. Crude milk and cheese
- 2. Processed meat food such as ham, sausage, bacons; processed eggs and milk such as egg powders
- 3. Flesh, bones, dead bodies of animals, intestines, leather, feathers, fur, horns, hoof, and tendons
- 4. Eggs (poultry or birds), fat, blood, blood powders, scales, night soil, brain, marrow, extracts, meat and bone powders, and plume powders.

Import traders must submit a quarantine certificate issued by the government of the exporting country which must state that the government inspection has not found any worry of expansion of pathogens of livestock epidemics. However, when importing from a country without an animal quarantine office, the submission will not be required in the event that electronic quarantine certificate sent through communication from the government of the exporting country has been stored in the main computers of the quarantine institution.

Quarantine certificates must provide information about existing conditions such as quarantine and hygiene of exporting countries when necessary for livestock epidemic prevention and protection of public health and safety. Importers who fail to comply with the required hygienic conditions cannot be allowed to import. Designated quarantine subjects produced in countries other than BSE-related ones and processed by moist heat  $(121^{\circ}\text{C}, 15\sim20 \text{ minutes})$ , or  $115^{\circ}\text{C}$ , 35 minutes), dry heat  $(160^{\circ}\text{C}\sim170^{\circ}\text{C}, 1\sim2 \text{ hours})$  or similar methods with the same or greater effects may however be allowed to import from areas prohibited to export to Korea. Cold or frozen products among sterilized designated quarantine subjects remains prohibited for import from such areas.

Importers must check whether the products belong to such designated quarantine areas or items. Most important, importers must check if the quarantine certificate complies with the hygienic conditions issued by the exporting country. Designated quarantine subjects must be imported via designated ports and airports. Importers must pay attention in carefully choosing the port of entry for the import items.

Table 2.6. Areas prohibited for imports for meat and processed meat products

| Items                | Areas where imports are prohibited  |
|----------------------|---|
| Beef                 | Areas other than Australia $\cdot$ New Zealand $\cdot$ Mexico $\cdot$ USA   |
| Pork                 | Areas other than USA · Canada · Australia · New Zealand · Japan · Sweden-Denmark · Finland · Austria · Hungary · Poland · Belgium · Mexico · Chile · Netherland · Spain · Ireland · France · Slovakia · Swiss · Italy (processed products only) · UK  |
| Goat meat,<br>mutton | Areas other than Australia · New Zealand  |
| Deer meat            | Areas other than Australia · New Zealand  |
| Poultry              | · Fresh, refrigerated, and frozen poultry: Areas other than Taiwan Australia · Brazil · USA · France · Chile · Denmark · Japan · Netherland · Hungary · Canada · UK · Heat · treated poultry: Areas other than Taiwan · Australia · Brazil · USA · Thailand · China · France · Chile · Denmark · Japan · Netherland · Hungary · Canada · UK |
| Ostrich meat         | Areas other than New Zealand  |
| Kangaroo meat        | Areas other than Australia  |
| Cured or smoked meat | Areas other than Australia · New Zealand · Mexico · Argentina · Uruguay   |



Table 2.7. Scope and standards of sterilization, disinfection, and processing

| Category             | Designated  | Scope and standards for sterilization, disinfection, and   | Note          |
|----------------------|---|--|---------------|
| ,                    | quarantine subjects   | processing (not subject to quarantine)   |               |
| 1. Processed<br>meat | Ham, sausage,<br>bacon, beef stock,<br>powdered meat,<br>hamburger, meat<br>extract, patties,<br>meatballs, pizza, etc.   | Sterilized and contained airtight or seal packed, processed to be preserved, distributed in room temperature   | Sterilization |
|                      |   | Canned, bottled, or retort packed farm products to be preserve, distributed in room temperature. Sterilized according to food processing laws(BSE-related products excluded)   | Sterilization |
|                      |   | Though containing meat ingredients, classified as seasoning, flavor and spice, preserved, and distributed in room temperature  | Processing    |
| 2. Processed<br>eggs | Egg white, powdered<br>egg, whole egg<br>liquid, egg yolk, egg<br>white, whole egg<br>powder, egg yolk<br>powder, and egg<br>white powder                         | Sterilized and contained airtight or seal packed, processed to be preserved, distributed in room temperature   | Sterilization |
| 3. Processed milk    | Milk and milk products  | Disinfected or fermented milk products  - Nation not free from foot-and-mouth disease: milk products disinfected (HTST, UHT) based on standards of OIE  - Nation free from foot?and?mouth disease: (counties approved of import of artiodactyls or its products)  - Disinfection(UHT, HTST, LTLT), only for cheese, heated 57°C ~68°C, over 15 seconds and fermented), milk products fermented with lactobacillus Milk products canned, bottled, and preserved in room temperature Dried milk products carried in. | Disinfection  |
| 4. Meat              | Flesh of animals of<br>regulated quarantine<br>items (fresh meat,<br>cold stored meat,<br>frozen meat, salted<br>meat, slat watered<br>meat, dried meat,<br>etc.) | Sterilized and contained airtight or seal packed, processed to be preserve, and distributed in room temperature  | Sterilization |
|                      |   | Canned, bottled, or retort packed farm products to be preserve and distributed in room temperature. Sterilized according to food processing laws(BSE?related products excluded)  | Sterilization |

| Category                        | Designated quarantine subjects   | Scope and standards for sterilization, disinfection, and processing (not subject to quarantine)   | Note                |
|---------------------------------|--|---|---------------------|
| 5. Intestines                   | Stomach, heart, liver,<br>lung, intestines, and<br>all organs of animals<br>among designated<br>quarantine subjects                              | Sterilized and contained airtight or seal packed, processed to be preserved and distributed in room temperature   | Sterilization       |
|                                 |  | Canned, bottled, or retort packed farm products to be preserve and distributed in room temperature. Sterilized according to the Livestock Processing Law (BSE-related products excluded)  | Sterilization       |
| 6. Eggs                         | Eggs of animals<br>(eggs for breeding or<br>eating, frozen egg<br>and salted egg, etc.)<br>of animals among<br>designated<br>quarantine subjects | Steamed or boiled without changing forms and fermented (fermented enough for the contents to be hardened)   | Processing          |
| 7. Fat                          | Fat (fat, salted fat,<br>frozen fat, neat's foot<br>oil) of animals among<br>designated<br>quarantine subjects                                   | Lard processed at 100°C over 30 minutes   | Processing          |
|                                 |  | Beef tallow, etc. animal fat, neat's foot oil, bone oil, etc. from animals of regulated quarantine items, sterilized and contained airtight or seal packed, processed to be preserved and distributed in room temperature                 | Sterilization       |
| 8. Extracts                     | Liquid or powders<br>extracted from<br>organs or tissues of<br>animals among<br>designated<br>quarantine subjects                                | Sterilized and contained airtight or seal packed, processed to be preserved and distributed in room temperature   | Sterilization       |
|                                 |  | Canned, bottled, or retort packed farm products to be preserved and distributed in room temperature. Sterilized according to the Livestock Processing Act (BSE-related products excluded)   | Sterilization       |
|                                 |  | Singular enzyme (trypsin, pepsin, etc.), coenzyme and no further physical, chemical processing required for use, complete products.   | Processing          |
| 9. BSE-related items            | Farm products from<br>ruminants that<br>contain BSE related<br>and related products  | Products following the standards of OIE Bovine Spongiform<br>Encephalopathy(BSE) inactive processing  | Processing          |
| 10. Processed fibroid           | Powdered, pellets,<br>cube and other<br>similar shapes   | Heated with temperature higher than that for the foot-and-<br>mouth disease virus disinfection prescribed by the OIE<br>(central temperature higher than 80°C, over 10mins)   | Processing          |
| 11. Other<br>process<br>ed food | Other products containing farm produce   | Complete products containing farm products, but do not require more processing, contained in retail packaging (no BSE-related product), set by the Head of National Quarantine Service Example) Crab stick, mayonnaise, cake, curry, etc. | Complete processing |

#### Notes

- 1. Bovine spongiform encephalopathy (BSE): a fatal slow-developing disease of cattle, affecting the nervous system. Its informal name is "mad cow disease".
- 2. Standards of sterilization of products and processed goods imported from countries without possibilities of BSE infection shall be based on conditions for BSE inactivation prescribed by the International Office of Epizootics (OIE).



#### **Documents necessary for import quarantine**

Importers of meat and processed meat products must submit quarantine certificate issued by the government of the exporting country.

Documents required from importers

• Application form for import quarantine

#### **National Veterinary Research & Quarantine Service (NVQRS)**

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Telephone: +82-31-467-1700

Website: http://www.nvrqs.go.kr/Main\_Index.asp

#### **Korea Customs Service (KCS)**

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The application form for quarantine must be written in Korean. Importers must sincerely fill-up the form with accurate or correct information, according to documents provided by exporters. The form must be electronically filled and sent to the National Veterinary Research and Quarantine Service. Exporters must provide accurate information as to the quarantine certificate, including manufacturer's name, manufacturing process, and other details.

#### Documents required from exporters

- 1. Quarantine certificate issued by the government of the exporting country
- 2. Meat and processed meat products must be quarantined by the government of the exporting country before export. Quarantine certificates issued by the government of the exporting country must comply with hygienic requirements of the importing country and Korea.
- 3. Exporters must prepare bills of lading or air waybills, invoices, packing lists, manufacturing and processing diagrams, list of materials, and other necessary documents.

#### **Import quarantine**

When importing designated quarantine subjects, importers must apply for quarantine by submitting the quarantine certificate issued by the government of the exporting country. Traderelated documents must also be submitted (bill of lading, invoice, packing list, and others documents) to the National Veterinary Research and Quarantine Service (NVQRS). An application can be made online with the NVQRS, or the simplified channel for customs clearance of the Customs Service (UNI-PASS).

• Inquiries on application for quarantine

#### National Veterinary Research & Quarantine Service (NVRQS)

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Website: http://www.nvrgs.go.kr/Main Index.asp (for English, click top right)

#### Inspection and quarantine

The National Veterinary Research and Quarantine Service (NVQRS) must confirm the reported items of imported livestock products if these products belong to the designated quarantine subjects. The NVQRS also conducts hygiene inspection along with quarantine. Component standards will be inspected first for compliance with the requirements of livestock processing. Mostly, contents of heavy metals (lead, cadmium, tin, etc.), standards for use of food additives (preservation materials, antioxidants, tar color agents, etc.), level of pollution of microorganism (number of germs, colon bacillus, salmonella, clostridium, etc.), defective index items (pH, peroxides, phosphates, etc.), and items selected for quality control (milk fat of ice-cream) will be checked. Upon completion of or at the same time with quarantine based on the Livestock Epidemic Prevention and Control Act, procedures required by the Food Sanitation Act will take place.

#### **Key points of inspection**

- 1. Attached documents such as quarantine certificates: complying with regulations?
- 2. Designated quarantine subjects: are these products in the prohibited list, or coming from areas where imports are prohibited?
- 3. Levels of microorganism (counts for germs, colon bacillus, salmonella, and others): are these within appropriate standards?



#### Box 2.3. Standards and specifications for processed or packaged meat products

Processed meat products refer to: ham, sausage, bacon, dried meat for storing, seasoned meat, pulverized meat, processed ribs, goods processed with meat additives, beef tallow for food, and lard for food, and related items.

- ① Form: have original colors and have no foreign smell or taste.
- ② Nitrite ion (g/kg): 0.07 and below (packaged meat excluded).
- ③ Tar coloring: not to be detected (sausage excluded).
- (4) Colon bacillus: negative (non-heated processed food excluded).
- ⑤ Volatile basic nitrogen (mg%): 20 and below (limited to meat as raw materials and packaged meat).
- ⑥ Preservatives (g/kg): those other than items below must not be detected.

Sorbic acid Potassium sorbate Calcium sorbate

2.0 and below (based on Ssorbic acid, not to be detected in packaged meat, seasoned meat (flavored meat), pulverized processed meat, and processed ribs)

- (7) Number of germs: negative (limited to sterilized processed meat products).
- ® Colon bacillus O157: H7: negative (pulverized meat for raw materials, pulverized processed products, or packaged products (pulverized)).

#### Disposal of non-compliant imported livestock products

Based on the results of inspection, importers not complying with the standards for imported livestock, will be notified electronically by the Customs Office. The products must be discarded (incinerated or buried) or returned.

#### Laws related to food labels in Korea

#### Laws related to food labels and main points

Food labels help consumers make a reasonable choice from convenient comparisons based on display of various information of the food such as quality, ingredients, manufacture date, distribution date, usage, nutrients, etc. on the package or containers. Labels helps manufacturers to inform excellent features of their products and involvesLabels help manufacturers to inform excellent features of their products and involve governments to present and manage standards promoting transparent and fair trade. All goods imported to Korea must bear labels according to standards prescribed by laws.

The Food Sanitation Act is the cornerstone of the regulation of food products in Korea. Standards for food labels are implemented by the Korea Food & Drug Administration, through regulations on labels for food additives, equipment, packages, and containers, including hygienic food handling. Basic information must be provided, on product and company names, circulation period, raw materials used, as well as nutrients and organic food.

Related laws on food labels include the following:

- Health Functional Food Act: promotes the quality of functional health food and provide exact information to consumers;
- · Livestock Processing Act: regulates labels in livestock products;

- Agricultural Products Quality Control Act regulates details as to agricultural products and display of their origin;
- · Grain Management Act regulates detailed standards of labeling for packaged grains;
- Marine Products Quality Control Act regulates details of marine products, processed products, and their origin;
- · Liquor Tax Act regulates labels of alcoholic beverages;
- Foreign Trade Act regulates labels on the country of origin of products;
- Act on Resource Saving and Recycling Promotion regulates design, display of waste collection, label standards and methods for segregated waste collection.
  - \*\*\* Annex 2. Laws related to food labels and main points

#### Labels based on the Food Sanitation Act

To protect national health, the Korea Food & Drug Administration (KFDA) may prescribe and announce standards for labels of food or food additives, equipment and packages whose standards or specifications have been given, or food or food additives manufactured and processed with raw materials of agricultural and marine products cultivated and harvested by using genetic recombination technologies, or genetically modified organisms (GMOs). In genetic recombination (for GMO processes), genes are extracted and combined with genes of other organisms. Food items with standards of labeling cannot be sold, imported for sale, displayed, transported, or used for business when they do not bear corresponding labels.

The "Standards for Food Labeling" are based on the Food Sanitation Act, with two components: general and individual standards. General standards include product name, food type, company name and place, date of manufacture, circulation period, quantity, raw materials and contents, components and contents, nutrients, and related items. Individual standards regulate labels of 29 individual consumer food items such as confectionery, bread, rice cake, jams, sugar, and others.

#### Food products subject to labels

Food items or additives imported to Korea are subject to labeling, under the Food Sanitation Act. These include food or additive products circulated and sold in packages, containers or equipment.

#### Labeling items

General labels for imported food or food additives differ by food type. The information on the labels include the following items, depending on the product.

- a. Product name (exclude equipment, containers, and packages)
- b. Food product type (limited to separately designated products)
- c. Company name and address
- d. Date of manufacture (limited to separately designated products)
- e. Circulation period (exclude food additives, equipment, containers, and packages)
- f. Weight (exclude equipment, containers, and packages)



- g. Names of raw materials (equipment, containers, and packages to be displayed as materials) and contents (only when using raw materials as parts of product name or product name)
- h. Ingredients and contents (only when using food and ingredients to be displayed as parts of product name or product name or product name)
- i. Nutritive elements (limited to separately designated products)
- j. Other information to be prescribed in detailed labeling standards for food, and other related products.

Table 2.8. Food items subject to labels of nutritional ingredients

| Food subject to labels of nutritional ingredient  | Contents  |
|---|---|
| <ul> <li>Preserved foods (only for retort food)</li> <li>Snacks, confectionery, candies and ice?cream</li> <li>Bakeries and dumplings</li> <li>Chocolates</li> <li>Jams</li> <li>Edible fats</li> <li>Noodles</li> <li>Drinks</li> <li>Special purpose foods</li> <li>Fish sausage of processed meat</li> <li>Rolled rice, hamburger, and sandwich for immediate consumption</li> </ul> | <ul> <li>Calories</li> <li>Carbohydrates: sugar</li> <li>Protein</li> <li>Fat: saturated fat, trans fat</li> <li>Cholesterol</li> <li>Sodium</li> <li>Other nutritional ingredients must be highlighted.</li> </ul> |

#### Labeling method

Labeling method shall be displayed as follows with a color distinctively separate from the background color for easy recognition of consumers.

Table 2.9. Labeling method

| ndication site  | Details  | Size of print (point)   |
|-----------------|--|---|
| 1) Main site    | a) Name of product<br>b) Contents(contents calories)   | 6 and above<br>12 and above   |
| 2) Unified site | <ul> <li>a) Type of food</li> <li>b) Manufactured date</li> <li>c) Expiration date, quality guarantee period</li> <li>d) Name of raw material and contents</li> <li>e) Name of ingredients and contents</li> </ul> | 8 and above<br>10 and above<br>10 and above<br>7 and above<br>7 and above |
| 3) Other sites  | <ul><li>a) Name of business and address</li><li>b) Nutritional ingredient</li><li>c) Warnings</li><li>d) Other indications</li></ul>   | 8 and above<br>8 and above<br>8 and above<br>6 and above                  |

Labels shall be in the Korean language (Hanguel) using ink, engraving, or seals that could not be erased. Labels shall be displayed on the minimum unit package or container sold to consumers.

Labeling methods for imported goods are as follows.

- Food items circulated in exporting countries shall bear the label of the country. Stickers
  printed in the Korean language may be used but it must not be removable. The label must not
  hide key information such as product name, names of raw materials used, circulation period,
  date of manufacture, and others Items, which must be displayed in the original package or
  container. However, food products imported using the Korean package shall not bear labels in
  the form of stickers.
- The name of the export country and manufacture may be displayed in their language in the Korean-language sticker.
- When label items cannot be displayed on the main space, letters with fonts in 12 points or more shall be applied on the comprehensive labeling title.
- With regard to food items and additives to be manufactured or processed as separate products, only the product name, manufacturer, date of manufacture circulation period or date of quality maintenance shall be displayed. The Korean-language label may be omitted when the label is displayed in English or language of the export country.
- Korean language labels may be omitted for natural agricultural and marine products which are not stored in packages or containers, and food imported for foreign use.



#### **Labeling based on the Health Functional Food Act**

a. Label pattern for Health Functional Food



- b. Product name
- c. Company name and address
- d. Circulation period and storage
- e. Weight
- f. Nutrition
- g. Functions
- h. Intake amount, method of intake, and other important matters
- i. Raw materials and contents
- j. Functional elements and nutrients as well as rates of recommendation (limited to those with recommended amount.)
- k. A statement that the product is not part of medical supply for the prevention and treatment of diseases.
- I. Other prescribed information in detailed labeling standards for Health Functional Food.

Table 2.10. Labeling based on the Liquor Tax Act

| Details   | Indication standards   |
|---|--|
| Name of manufacturer and place of<br>manufacture  | The place of manufacture may be substituted by the address of main office, in the case, the manufacture site code reported to the Head of National Tax Service should be indicated in each container |
| 2. Liquor type                                    |  |
| 3. Standards                                      | Alcohol percentage   |
| 4. Contents                                       |  |
| 5. Date/month/year of storage in the container    | In the order of month, day, year   |
| 6. Name and contents of raw liquors and additives | Additives must be shown as required by the "Food Sanitation Act"   |
| 7. Trademark                                      |  |

- Indicate usage, whether for households or discount stores, based on the commissioned notices for alcoholic beverages.
- Matters of attention for consumers' safety. Examples: not to be sold to minors under 19; warning that drinking may cause liver cirrhosis or liver cancer; and increase possibilities of accidents during work or driving.
- Other information shall be based on standards laid out in "the Food Sanitation Act".

#### Labeling based on the Act on Resource Saving and Recycling Promotion

Manufacturers or importers must display recycling and segregated waste collection of metal cans, bottles, paper, and plastic. The goal is to promote the recycling of resources through segregated waste collection.

Items that must be displayed to promote segregated waste collection include food and beverage packages subject to manufacturers' recycle, containers or paper packages of agricultural, marine, and livestock products, washing materials, medical supplies, cosmetics, glass bottles, metal cans, and synthetic resin packages (such as containers and plates). Manufacturers or importers of these products must print the words "Segregated Waste Collection" on the package.

Separate waste collection label must be printed, engraved, or labeled on the front or side for easy recognition. The minimum size is 8mm x 8mm for easy recognition by consumers. However, packages with sizes less than 50 square centimeter and containers with volume less than 30 ml or 30g actually cannot hold labels. These very small packages or containers are exempted from labeling.



The label is a triangle made of 3 arrows. In the middle, the material type such as metal, aluminum, glass, paper, or others must be displayed.

Classification - Letter in the center

Plastic: PET, HDPE, LDPE, PP, PS, PVC, OTHER

Metal: iron, aluminum Paper: paper, paper packs



