

Country Report of Rep. of KOREA

Plant Quarantine Regulations

1) The Animal and Plant Quarantine Agency (QIA) operates Plant Protection Act of Korea; Enforcement Ordinance of the Act; Enforcement Regulations of the Act; and the 85 Notifications which involve the following:

- Inspection of import and export plants
- Surveillance and control of plant pests
- Requirements of treatments for wood packing materials etc.

2) QIA is under process to revise Plant Protection Act in order to establish a legal basis for introduction of “Electronic Phytosanitary Certificate” by the end of 2015.

International Cooperation of Plant Quarantine

1) QIA has been hosting and financially supporting the participation from developing countries for the APPPC Workshop on Review of Draft ISPM since 2006, and Training Program for ASEAN Plant Quarantine Experts has been organized every year since 2006 also. The purpose of the APPPC Workshop on ISPM is to promote understanding of ISPM and to share the opinions on the draft ISPM among the member countries, whereas the Training for ASEAN Plant Quarantine Experts has been held to provide training and to exchange information.

2) QIA held a mini-seminar on “Participation in IPPC meeting” utilizing the IPPC manual with invitation an expert from the IPPC Secretariat during the ASEAN Training in 2014 (2 plant quarantine inspectors from Cambodia, Indonesia, Laos, Malaysia, Myanmar, Philippines, Thailand, Viet Nam). QIA also hosted the APPPC Workshop on ISPM in Seoul and Busan, in 2013 and 2014, respectively, to discuss the draft ISPM and to collect opinions of the Asia Pacific region.

3) In 2015, QIA again will host and financially support the APPPC Workshop on Review of Draft ISPM in Jeju in October. The IPPC Global Symposium on Implementation of IPPC ePhyto will be hosted in Incheon, Korea in November with financial contribution from Korea for hosting and participation. Two experts from developing ASEAN countries and a few other

Asian countries will be supported directly by Korea and limited number of experts from developing countries of other regions will be supported by Korea and IPPC through IPPC trust funds.

The Korean government will continue to implement international cooperation programs to build plant quarantine capacity of developing countries in the future.

Updating of the List of Regulated Pests

There are 2,043 pest species designated as quarantine pests including 73 species of prohibited pests by QIA as of September 2015. In accordance with ISPM 19, QIA uploaded the list of Korea's quarantine pests on IPP

Strengthening of Border Quarantine System and Development of Alternative Fumigants to Methyl Bromide

1) QIA has annually conducted strengthened quarantine inspection on the plant for foods before the New Year's Day and Korea's Thanksgiving Day, on seeds and seedlings in spring, and on tropical fruits in summer.

2) QIA has started developing alternative fumigants to methyl bromide since 2006, and now uses phosphine (a fumigant) to treat pests on cut flowers of rose, chrysanthemum and lily, and *Dracaena* seedlings, and ethyl formate to treat pests associated with banana, orange, grapefruit, kiwi and lemon. QIA will select 28 main commodities until 2018, to replace methyl bromide with ethyl formate and phosphine for treatment.

Surveillance

1) In May 2015, fire blight(*Erwinia amylovora*) outbreaks were reported in pear trees and apple trees in Korea and QIA and Rural Development Administration (RDA) is conducting field survey, epidemiologic investigation and emergency control. As of July 2015, eradication measures (destroy of the infected orchards with deep burial) have been completed in all 43 affected orchards and host plants in 100m radius(additional 36 pear and apple orchards were destroyed). This outbreak has been notified to IPPC and trading partners immediately.

Furthermore, the surveillance is continued for delimitation and a response team was organized, liaising with the Ministry of Agriculture, Food and Rural Affairs, RDA and local governments to work on rapid response and control measures.

2) The Animal and Plant Quarantine Agency (QIA), in consideration of the risk of introduction and establishment of termite which is threatening pest specially for historical wooden buildings etc, is working on establishing a comprehensive management system for termite as part of a government over-arching effort in the wake of climate change and diversification of international trade. As part of the efforts, QIA is developing exotic termite identification method, monitoring and control manual and an alternative to methyl bromide to treat termite.