PLANT QUARANTINE AND RISK MANAGEMENT

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ABSTRACT

The plant quarantine system, which is an integral part of risk reduction efforts to protect plant resources, will be presented, followed by a discussion of improvement ideas for possible further collaboration with the research community. Fundamental to the whole plant quarantine issue is pest risk analysis, for which international standards provide guidelines, and countries add their own perspectives according to the situation and within the national legal framework. Japan, like other countries, has developed its own pest risk analysis guidelines. Information on pest distribution and detection as well as revisions in trade partners' regulations are regularly collected through various sources, based on which immediate consideration is made and pest risk analysis is conducted when necessary. Based on pest risk analysis, the plant quarantine legislative scheme has been continuously developed, which is the legal basis to support various regulative activities, such as import and export inspections at ports and airports, as well as pest surveillance throughout the country, among others. In order to strengthen the effectiveness, collaborative efforts are made between national authorities such as with Customs, and also with trade partner countries regionally and internationally. Particular importance is placed on identification of how certain pests have been introduced as well as development and establishment of pest control methods in emergencies. Regulative actions are essential to protect plants against harmful pests, for which research has been also playing important roles to support them. Plant quarantine can be further improved against the increasing pest risks, through regional/ international collaboration and with emerging technologies and innovative approach.











































