



Food and Agriculture
Organization of the
United Nations



International
Plant Protection
Convention



Department
for Environment
Food & Rural Affairs

Transparency and Reliable Trade Relations;

Korea's experience with fire blight outbreak

London, 21 – 23 September 2022

International Plant Health Conference





Transparency and reliable trade relations; Korea's experience with fire blight outbreak

Fire blight (*Erwinia amylovora*): a prohibited regulated pest in Korea and import of the relevant parts of host plants in distributed areas are prohibited

- National contingency plan
- National survey for the prohibited pest to maintain PFA (**ISPM 11 Pest risk analysis for quarantine pests, ISPM 4 Requirements for the establishment of pest freedom areas, ISPM 6 Surveillance**)

In 2015 fire blight was detected in a pear field and confirmed by molecular diagnosis (**ISPM 27 Diagnostic protocol for regulated pest**)





Apple and Pear are major fruits in Korea

Production: Apple > Citrus > Peaches > Grape > Pear

Export: Pear > Grape > Citrus > Apple > Peaches

	Production Area(ha)	Production(M/T)	Export(M/T)
Apple	37,534	656,848	1,366
Pear	11,679	215,564	20,756



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National committee with relevant agencies and experts met and press released for public awareness and reporting

- Implementation of eradication program (**ISPM 9 Guidelines for pest eradication programmes**)

Pest reporting to IPP and relevant importing countries (**ISPM 17 Pest reporting**): annually updated

National wide specific survey conducted (**ISPM 6 Surveillance**);

Official control for eradication and national survey continued up to now but fire blight spread in the middle part of Korea





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Trade continued in the outbreak year

- non-quarantine pest
- Pest free area in southern part of Korea are recognized by national survey and official control
- in condition of PFA or Pest free production site



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Lessons

- Importance of early detection
- Transparent domestic communication
- Cooperation and coordination between relevant agencies and industries
- Prevention; most effective and economic
- Transparency for reliable and sustainable trade





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Thank you!

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Name
Position

