

E-commerce



Key Facts

- 161 billion parcels, or 5102 parcels per second, were shipped in 2022 (Pitney Bowes, 2023).
- The huge growth in parcel volume puts pressure on the normal components of phytosanitary export and import systems.
- Intercepting parcels that contain goods that do not meet the phytosanitary import requirements of the destination country is one of the biggest challenges facing NPPOs.
- Managing e-commerce and the postal and courier pathways is a key priority within the IPPC strategic framework.

The global rise of e-commerce has brought about a transformative shift in the way goods are bought and sold and moved in international trade.

While presenting economic opportunities, the growth in e-commerce also poses significant challenges to national plant protection organizations (NPPOs) because of the potential spread of plant pests through parcels moving on postal and courier pathways.

On this page you will find key resources about e-commerce and plant health, including a video highlighting the role of all e-commerce stakeholders in addressing pest risks, the IPPC guide on e-commerce, news stories featuring country case studies and links to other national and international e-commerce resources.

Contribution to the Sustainable Development Goals



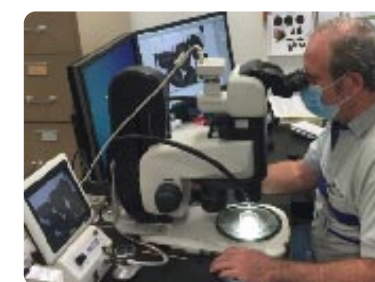
Related ISPMs

- ISPM 7: Phytosanitary certification system
- ISPM 12: Phytosanitary certificates
- ISPM 20: Guidelines for a phytosanitary import regulatory system

See Also

- Plant Health & Safe Trade
- IPPC Strategic Framework

News



THU, 30 NOV 2023

New IPPC guide to protect plant health and reduce pest risk associated with e-commerce



FRI, 12 MAY 2023

Think before you click - Mitigating the risks of e-commerce to plant health



MON, 24 FEB 2020

Engagement of the IPPC Secretariat in the World Customs Organization's Work e-Commerce Standards



THU, 17 OCT 2019

Making e-commerce safer: the IPPC and the World Customs Organization join forces

Videos



Managing e-commerce pest risk

N.b:The language of subtitles, if available in the video, should automatically be selected based on the preferences of the person viewing it. If not, then there may be a way to link to specific subtitles by appending `hl=<lang>` to the YouTube URL and linking to these with: [En](#) [Fr](#) [Zh](#) [Ar](#) [Es](#) [Ru](#)



Plant health and e-commerce

[En](#)

Resources



E-commerce: A guide to managing the pest risk posed by goods ordered online and distributed through postal and courier pathways.

[En](#)



Export Certification: A guide to export certification for national plant protection organizations.

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Import Verification: A guide to import verification for national plant protection organizations.

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