**E-commerce IPP page:**

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 county 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.

*(Intro blurb)*

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.

*(SDGs):*

9: industry, innovation and infrastructure

12: responsibile consumption and production

15: life on land

*(Video links)*

[Managing the pest risk posed by e-commerce](https://www.youtube.com/watch?v=XDEaNfAZ2sM) (please note that the subtitled versions in other UN languages are being finalized and added to the IPPC youtube channel, can we find a way to feature links to all of the versions on the page?)

[Plant health and e-commerce](https://www.youtube.com/watch?v=XDEaNfAZ2sM)

*(Resources)*

NEW! [E-commerce: A guide to managing the pest risk posed by goods ordered online and distributed through postal and courier pathways](https://www.ippc.int/en/publications/92722/) (available in English)

[Export Certification: A guide to export certification for national plant protection organizations](https://www.ippc.int/en/publications/90636/) (Available in English, French and Russian)

[Import Verification: A guide to import verification for national plant protection organizations](https://www.ippc.int/en/publications/90635/) (Available in English, French and Russian)

*(ISPMs)*

[*ISPM 7: Phytosanitary certification system*](https://www.ippc.int/en/publications/613/)

[*ISPM 12: Phytosanitary certificates*](https://www.ippc.int/en/publications/609/)

[*ISPM 20: Guidelines for a phytosanitary import regulatory system*](https://www.ippc.int/en/publications/602/)

*(Links to be included in the See also section)*

[Plant Health & Safe Trade](https://www.ippc.int/en/strategic-objectives/plant-health-safe-trade/)

[IPPC Strategic Framework](https://www.ippc.int/en/strategic-objectives/ippc-strategic-framework/)

[IPPC Guides and Training Materials](https://www.ippc.int/en/about/core-activities/capacity-development/guides-and-training-materials/)

*(Contributed resources link)*

[*https://www.ippc.int/en/centre-of-excellence/phytosanitary-system/e-commerce/e-commerce/*](https://www.ippc.int/en/centre-of-excellence/phytosanitary-system/e-commerce/e-commerce/)