

North American Sea Container Initiative

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Sea Containers: Biosecurity Risk?



- Containers then transported by rail and truck throughout the United States and Canada

- Contaminated containers enter the United States and Canada every day



Sea Containers

- Over 35 million TEUs in global trade in 2016
- Move between many countries and carry many different commodities
- Risk of contaminants of phytosanitary concern is on or in containers
- Examples of pests or regulated articles found include: soil, plant debris, egg masses, Khapra beetle, leafhoppers, snails, and weed seeds



Cargo

- Non-agriculture cargo: often not regulated under plant protection legislation (e.g. car parts, tiles, steel slabs) but contaminants are regulated (e.g. soil, snails, weed seeds, and live insects)



Container and Cargo Contamination

How?

Container, conveyance and cargo contamination can occur for many reasons such as:

- soil-based staging, storage or handling areas
- vegetation around storage, staging, packing
- lights that attract insects (e.g. moths)
- environmental factors (e.g. wind, rain)
- packaging
- previous cargo



Container and Cargo Contamination

Why Do We Care?

General

- negative impact on agriculture, forestry sectors and environmental sectors and the livelihood, health and social well-being they provide
- costs to manage are high – prevention is key
- affects trade, international obligations, competitiveness

Industry

- regulatory actions
- delays for cargo release, demurrage charges due to cargo holds, expense of having cargo quarantined, removed from North America, tarped, treated or cleaned

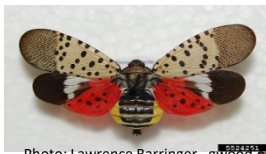
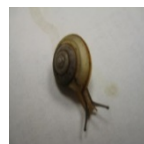


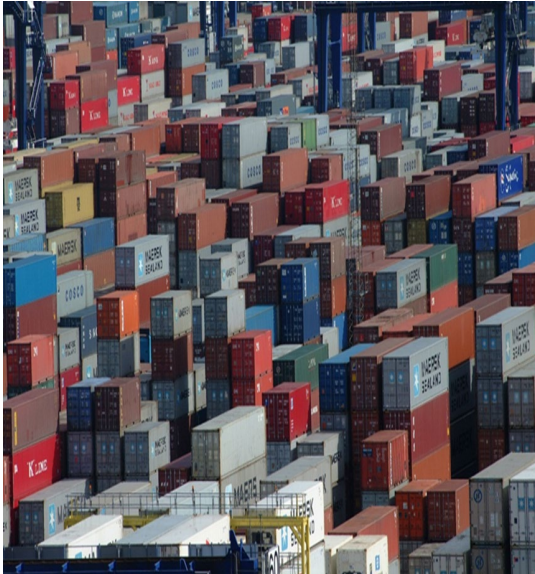
Photo: Lawrence Barringer - gwood.org



Credit: Mark R. McNeill

North American Sea Container Initiative

Voluntary Canada-United States **government-industry** initiative



North American Sea Container Initiative

Mission Statement

Industry and government working collaboratively to raise awareness, educate, and motivate participants along the supply chain to help reduce pest risks associated with sea containers and their cargos.

Cleanliness matters

Cleanliness protects

Clean containers and clean cargos are good business

Clean containers and clean cargos reduce inspections, expedite clearance, and result in lower costs to the sea container supply chain

Ultimate Goal

Safeguarding the world's agriculture and natural resources and facilitating safe international trade by reducing pest risks from sea containers and their cargos.

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Objectives

- Enhance understanding of challenges and opportunities for **identifying** and **reducing** pest risks in the sea container supply chain.
- Enhance understanding of **logistics** of container movement in North America
- Conduct **outreach and education** to our respective stakeholders, industries and organizations
- Collect **data** to measure risk of pathway and effectiveness of outreach
- Encourage **global adoption** of similar, **voluntary** programs through the International Plant Protection Convention and other relevant international and regional forums

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What's been done so far

- Identifying existing industry guidelines related to sea container cleanliness (e.g. Code of Practice for Packing of Cargo Transport Units (CTU Code), Joint Industry Guidelines for Cleaning of Containers)
- Engaging industry groups on guidelines and programs for cargo (e.g. the Italian ceramic tile industry's Good Phytosanitary Practices Program)
- Working with government and industry to collect data to continue to measure biosecurity risks of sea container pathway
- Outreach
 - Joint United States-Canada Sea Container Bulletin
 - Web page published on NAPPO website
 - Frequently Asked Questions document, logo, infographic, deck of slides, video
 - Participated in various government and industry forums and meetings

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NAPPO

North American Plant Protection Organization
Organización Norteamericana de Protección a las Plantas

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**NORTH AMERICAN
Sea Container
INITIATIVE**



North American Sea Container Initiative

What's next

- Continue to expand international awareness and potential adoption of this type of **voluntary** initiative
- Continue outreach and education efforts
- Continue to work with government and industry to collect data to continue to measure biosecurity risks of sea container pathway
- Contribute to revision of CTU code plant health/cleanliness aspects

Working Together

What We Can All Do

- See it, say it
- Do it – adopt best management practices such as CTU code, cleaning guidelines
- Participate - spread the word that container cleanliness counts
- Share ideas - how we can all better protect global plant resources



Working Together We Can

- Better understand challenges and opportunities for risk identification and risk mitigation.
- Minimize risk while maintaining trade flow
- Conduct outreach and education to our respective industries and stakeholders

shared risk = shared responsibility



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Joint Bulletin

https://www.aphis.usda.gov/aphis/ourfocus/planthealth/import-information/!ut/p/z1/fYxLD4lwEITv_AounhcSA3lkasBHPJdempXwqEJb2mL031sR9eZlZ2d3vgHq-b7nAXHilnl8FKjAG2_QcimwAwlFjdgpXGfBahkes-0mDNI82R3yOArWSQz7Cfzxr4b_BJmJOf4VKPhlGGgKtJTCVncLBFXLDZussKzjZ436sQgMMjlqVstyNJNTHbp_W2Fn2-nAeyW1fSfr2rRSV0xp2WjsHSHQlBzUIRZP_3f4ZQ!!/

<http://inspection.gc.ca/plants/plant-pests-invasive-species/sea-container-cleanliness/eng/1508779809618/1508779809944>

International Plant Protection Convention

<https://www.ippc.int/en/core-activities/governance/cpm/scientific-sessions-during-commission-phytosanitary-measures/2016-special-topic-session-sea-containers/>

CTU Code

<https://www.unece.org/trans/wp24/guidelinespackingctus/intro.html>

Joint Industry Guidelines For Cleaning of Containers

<http://www.worldshipping.org/industry-issues/safety/joint-industry-guidelines-for-cleaning-of-containers>

Thank you

Comments, Questions, Discussion

Biosecurity: Shared Risk – Shared Responsibility