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Southern Border Truck Pest Contamination Trade Outreach



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Objectives

- Why is pest contamination a concern?
- Examples of truck trailer pest contamination.
- Ways to prevent it.



What is Pest Contamination?

Visible forms of animals, insects or other invertebrates (alive or dead, in any lifecycle stage, including egg casings or rafts), or any organic material of animal origin (including blood, bones, hair, flesh, secretions, excretions); viable or non-viable plants or plant products (including fruit, seeds, leaves, twigs, roots, bark); or other organic material, including fungi; or soil, or water; where such products are not the manifested cargo within the Cargo Transport Unit (i.e., container).

- IMO/ILO/UNECE. (2014, January). Code of Practice for Packing of Cargo Transport Units (CTU Code).



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What is Truck Trailer Pest Contamination?



Photo Credit: San Francisco Field Office



Photo Credit: San Diego Field Office



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Impact

- Agriculture is the LARGEST industry and employment sector in the United States, with more than \$1,000,000,000,000 (1 trillion) in economic activity annually.
- The greatest risk to the success of this industry are exotic plant pests and foreign animal diseases.
- Currently, invasive species cause an estimated \$136,000,000,000 (136 billion) in lost agriculture revenue annually.



How Do Pest Contaminants Affect You?

COSTLY

- Devanning charges
- Possible re-export charges
- Cleaning
- Fumigation



Different, high res clip art
needed



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How Do Pest Contaminants Affect You?

TIME CONSUMING

- Delays
- Cancelled deliveries
- Loss of business



Different, more high res clip art needed



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How Do You Address the Risk?

- Store cargo away from vegetation and/or avoid placing trailers over grain, soil, or vegetation.
- Visually inspect cargo and trailer for contaminants and pests before loading.
- Sweep, vacuum, or wash trailers prior to loading.



Soil – Truck Trailer Undercarriage



Photo Credit: Baltimore Field Office



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Soil – better pic coming



Photo Credit: San Francisco Field Office



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Why is Soil a Risk?

- Soil can harbor insect pests and weed seeds.
- Nematodes (microscopic worms) may be present in soil. These can be very harmful to plants, and exceedingly difficult to eradicate.
- Soil also is a vector for foreign animal diseases.

What you can do about soil....



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Clean Exterior of Trailer



Photo Credit: Seattle Field office



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Plant Stems and Leaves on Trailer Floor



Photo Credit: Port of Otay Mesa



Photo Credit: Port of Otay Mesa



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Spilled Seed on Trailer Floor



Photo Credit: San Diego Field Office



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Spilled Seed on Trailer Floor



Photo Credit: Baltimore Field Office



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Seeds – Truck Trailer Undercarriage



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Why are Plant Material and Seed Contaminants a Risk?

- They can carry plant pathogens and harbor insect pests.
- Many foreign weed seeds are considered Federal Noxious Weeds in the United States.

What you can do about it...



Blow, Sweep or Vacuum Out Trailers



Photo Credit: Ports of Buffalo and International Falls



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Animal Blood



Photo Credit: San Diego Field Office



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Animal Manure



Photo Credit: Baltimore Field Office



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Why is Animal Waste a Risk?

Animal waste, including blood and manure can harbor and spread foreign animal diseases.

What can you do about animal waste....



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Start with Clean Trailer Prior to Loading



Photo Credit: Port of Buffalo



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Weed Seeds Stuck to Wood Packaging



Photo Credit: Seattle Field Office



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Why are Seeds with Wood Packaging a Risk?

- Not all seeds can be found on container floors.
- Some seeds blow around easily and attach to wood pallets and crates.

What you can do about seeds on wood packaging....



Vacuumping Weed Seeds from Wood Packaging



Photo Credit: Port of International Falls



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Conclusion

- Store trailers away from natural areas and/or reduce vegetation around cargo and trailer storage areas.
- Inspect cargo and trailers (interior and exterior) prior to loading.
- Store, cover, and clean pallets, dunnage, crates, etc., as needed.



Where Possible – Utilize Paved Lots to Avoid Contamination



Photo Credit: Port of Champlain



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For More Information Contact:

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