



United States Department of Agriculture
Animal and Plant Health Inspection Service

Plant Protection and Quarantine



Plant Inspection Stations

**United States Department of Agriculture
Animal and Plant Health Inspection Service
Plant Protection and Quarantine**

**Marla J. Cazier-Mosley
Program Manager, Field Operations**

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Plant Inspection Station Mission



Inspect imported plants for planting, other regulated plant material, and live organisms to determine admissibility into the United States.



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Plant Inspection Stations



Atlanta

Guam

Honolulu

Houston

Beltsville (National Plant Germplasm)

JFK Airport

Linden

Los Indios

Los Angeles

Miami

Nogales

Orlando

San Diego

San Francisco

San Juan

Seattle



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Plant Inspection Station Operations

Inspection of material

- Plants for planting
- Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES)
- Permit products

Identification Services

- Entomology, Plant Pathology, Botany
- Taxonomic Specialties
- Detection and Identification Training
- Collections

Export Certification Services

Inspections



- Highly trained professional staff
- Plant Inspection Station standards
- Facilitation of trade
- Screening tools
- Technical equipment



Technology



Identification Services

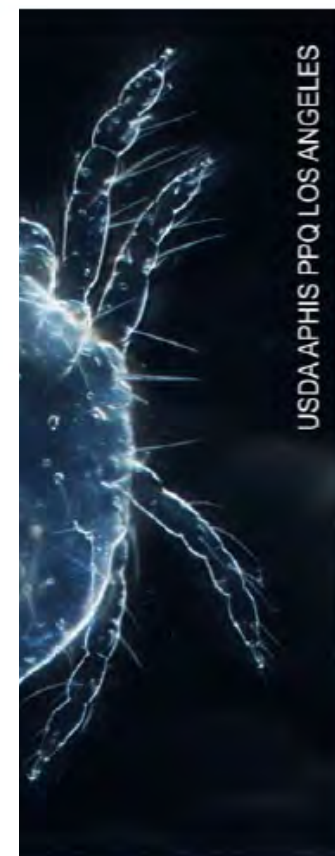


- Entomologists, Botanists, and Plant Pathologists
- Identification Authority
- Area of coverage
- Taxonomic Specialties
- Specimen Collections
- Technical Equipment

Remote Pest Identification



Digital Imaging



Taxonomic collection and references



Pest Interceptions





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Top Ten Pest Interceptions from plants for planting 2008 - 2012

Most Common PEST (Top 10)	Count of PEST
Cicadellidae, species of	1584
Tetranychidae, species of	1380
Aleyrodidae, species of	1029
Pseudococcidae, species of	871
Leucothrips sp. (Thripidae)	842
Succinea costaricana von Martens (Succineida)	513
Phomopsis sp. (Coelomycetes)	428
Tettigoniidae, species of	419
Aphididae, species of	390
Coccoidea, species of	346
Grand Total	7802



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Cicadellidae, species of

Host material:

- Dracaena sp.
- Cordyline sp.
- Shefflera sp.
- Codiaeum sp.

From:

- > Costa Rica
- > Guatemala
- > Colombia
- > Dominican Republic



Tetranychidae, species of

Host material: Various hosts (12)

- Hedera sp.
- Epipremnum sp.
- Cordyline sp.
- Salvia sp.
- Codiaeum sp.
- Ajuga sp.
- Lantana sp.
- Vinca sp.

From: Various countries

- > Central America
- > Asia
- > Middle East



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Leucothrips sp. (Thripidae)

Host material:

- *Codiaeum* sp.

From:

- > Costa Rica
- > Guatemala
- > Colombia
- > Dominican Republic
- > El Salvador



Aleyrodidae, species of

Host material: Various Hosts (12)

- Lantana sp.
- Salvia sp.
- Ajuga sp.
- Verbena sp.
- Vinca sp.
- Torenia sp.

From: Various countries:

- > Central America
- > South America
- > Mediterranean
- > Africa
- > Europe



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Pseudociccidae, species of

Host material:

- Codiaeum sp.
- Dracaena sp.
- Maranta sp.
- Aglaonema sp.
- Schefflera sp.
- Cordyline sp.
- Heliconia sp.
- Tillandsia sp.

From: Various countries

- > Central America
- > Asia



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Forest Pests

Count of PEST	
By Pest*	Grand Total
Curculionidae, species of	48
Scolytidae, species of	9
Buprestidae, species of	2
Cerambycidae, species of	2
Cossidae, species of	1
Grand Total	62



Curculionidae, species of

Host material: various (27); plant and seed

Plants:

- Colocasia sp. -- 7 of the 11 plant interceptions
- Other plant – Aloe, Polyscias, Calibanus, Ophiopogon

Seeds/bulb:

- Colocasia sp. – 10
- Quercus sp. – 17
- Fraxinus sp. -1

From: various (11)



Scolytidae, species of (9 total)

Host material:

Plants

- *Gigantochloa* sp.

Seeds

- *Coffea* sp.
- *Jatropha* sp.
- *Chamaedorea* sp.
- *Fraxinus* sp.

From:

- > Guatemala
- > Mexico
- > Thailand
- > Azerbaijan



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Buprestidae, species of

**One interception; Tsuga plant
Canada**

Cerambycidae, species of

**Two interceptions; Euphorbia, plant
China and Madagascar**

Cossidae, species of

**One interception; Agave plant
Mexico**

Imports and inspections



- Foreign certification (offshore)
- Permits
 - Generally admissible
 - Departmental (CIP)
- Phytosanitary certificate

Training and areas of support



- **Customs and Border Protection (CBP) Counterparts**
- **State Cooperators**
- **Community Outreach**



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Thank You