

United States Department of Agriculture
Animal and Plant Health Inspection Service

Plant Protection and Quarantine

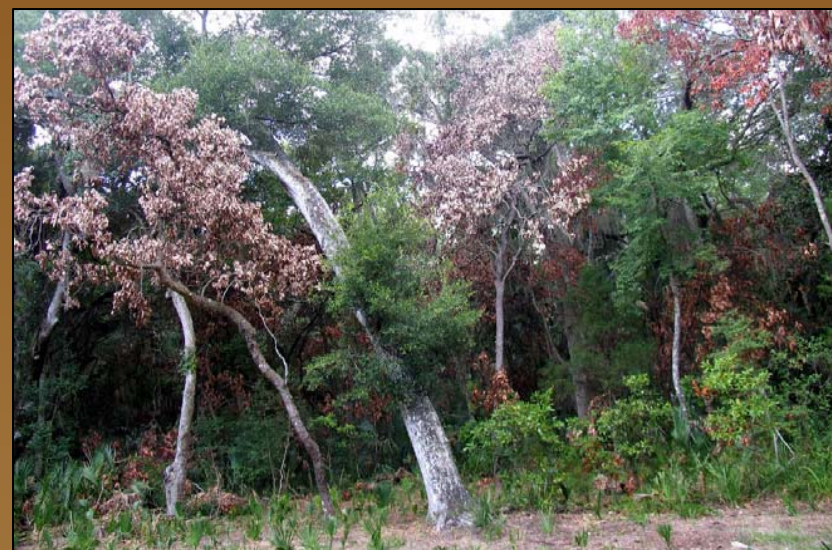


USDA APHIS PPQ

Working with Natural Areas Groups Towards Early Detection of Invasive Pests



**Laurel Wilt/Ambrosia Beetle sentinel trap,
Martin County 2009**



Red Bay mortality in a natural area

Eduardo M. Varona
June 24, 2009



United States Department of Agriculture
Animal and Plant Health Inspection Service

Plant Protection and Quarantine



USDA APHIS PPQ

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

Mission Statement

APHIS-PPQ safeguards agriculture and natural resources from the risks associated with the entry, establishment, or spread of animal and plant pests and noxious weeds. Fulfillment of its safeguarding role ensures an abundant, high-quality, and varied food supply, strengthens the marketability of U.S. agriculture in domestic and international commerce, and contributes to the preservation of the global environment.

The Challenge....



- Multiple pathways by which pests can enter
- Vast ocean and land borders
- Imports have increased significantly from multiple trade partners
- Globalization, the internet, smuggling, and increased human travel
- Potential of purposeful introduction of pests to damage Agriculture and Natural resources - Bioterrorism
- Inspection/Exclusion efforts not 100% – can't inspect everything
- Once established pests do not respect artificial boundaries thus affecting Agriculture, urban and natural areas – many pests are polyphagous.



United States Department of Agriculture
Animal and Plant Health Inspection Service

Plant Protection and Quarantine



Ways We Respond

- Offshore Mitigation – Caribbean Safeguarding Initiative (CSI), International Services (IS)
- Support Bio-control efforts in advance of infestation
- Exclusion through inspection – propagative plant material,
- Support CBP in the Agriculture mission at ports of entry
- Intelligence and Enforcement through SITC and IES
- In Florida Early Detection through CAPS, CHRP, FFD, and others
- Delimitation of new invasive pests through survey
- Support eradication and/or official control when feasible

- Partner with cooperators such as DHS-CBP, State Departments of Agriculture, universities, industry, environmental groups, and others

Florida PPQ Structure

- Headquarters – Gainesville, Florida
- Under a State Plant Health Director and staff
- 4 Area Directors - South, East, West, and North/Central and other directors by program
- Individual Programs – CHRP, FFD, SITC, CAPS, CSI, 2 Plant Inspection Stations, and other programs by line item for specific pests
- Work closely with cooperators such as Fl DOACS, DHS-CBP, and other stakeholders



United States Department of Agriculture
Animal and Plant Health Inspection Service

Plant Protection and Quarantine



USDA APHIS PPQ Florida Contacts

Paul Hornby –State Plant Health Director

8100 NW 15th Place
Gainesville, Fl 32606 office – (352) 313 3040
Paul.L.Hornby@aphis.usda.gov

Eduardo M. Varona – State Operations Support Officer – primary contact in Florida

5600 NW 36 St.
Miami, Fl 33166 office – (305) 526-2790, cellular – (305) 986-4407
Eduardo.Varona@aphis.usda.gov



United States Department of Agriculture
Animal and Plant Health Inspection Service

Plant Protection and Quarantine



Thank You.....