Welcome
to the Potential Invasive Pests Workshop

Sponsored by

USDA CSREES T-STAR (Tropical and Subtropical Agriculture Research)

The University of Florida IFAS Center for Tropical Agriculture (UF IFAS CTA)

USDA APHIS

October 10-14, 2010
There is heightened public awareness about the impact of invasive species on natural & agro ecosystems.

Florida is the first port of call for many invasive species.
Florida has been a favored destination for invasive species for many years.
TSTAR, a Special Grant Program of the USDA CSREES
Tropical & Subtropical Agriculture Research

Caribbean Administrative Group
University of Florida - University of Puerto Rico
- University of the Virgin Islands
Invasives Researched with 2008 TSTAR Funding

- Citrus Root Weevil
- Chilli Thrips
- Mexican Bromeliad Weevil
- Southern Cattle Tick
- Passionvine Mealybug
- Red Palm Mite
- Begomovirus
- Laurel Wilt
- Melaleuca quinquenervia
- Para Grass
- Smutgrass
- Perkinsus marinus
- Black Sigatoka-banana
- Coffee Berry Borer
- Lantana camara
- Tomato Late Blight
Invasives Researched with 2009 TSTAR Funding

- *Xylella Fastidiosa-* coffee
- Mediterranean Fruit Fly
- Feral Pigs
- Sri Lanka Weevil
- “Mulatto” Grass
- Asian Palm
- Powdery Mildew
- *Hyparrhenia rufa*
Invasives Researched with 2010 TSTAR Funding

- Heartwater Disease
- Caribbean Crazy Ant
- Tropical Bont Tick
- Huanlongbing (Greening)
- *Ruellia simplex*
- Texas Phoenix Decline
- Non-native Freshwater Fish
- Swine Influenza type A
- Japanese Climbing Fern
- Elephantgrass
- *Xanthomonas spp.*
- Curcubit *Potyviridae*
- Asian Psyllid
- Soybean Cyst Nematode
- Sorrel Wilt
University of Florida
Institute for Agricultural Sciences
Center for Tropical Agriculture (CTA)
The mission of CTA is to improve quality of life in the humid tropics and subtropics.

- Improve sustainability of agricultural production & natural resource management
- Protect & restore natural ecosystems threatened by agricultural activities
- Prevent the loss of biodiversity
- Production systems in the tropics
- **Invasive species**
- Genetic resources & biodiversity
- Climate change
- Sustainability of tropical agriculture
- Food security & nutrition
- Food technology & safety
Addressing the CTA mission

- Capacity Building
- Research
- Information and Technical Services
- Int’l Development Assistance Programs
What are the expected outcomes of the Workshop? What is known?

• Basic biology of potential pests.
• Host range.
• Current geographical distribution.
• Tools for detection and identification.
• Control measures.
• Probability of their becoming major pests.
• and............
the proceedings of this Workshop will be published as Volume 1 of the CABI Invasives Series.
I would express my gratitude to all of the sponsors, organizers and participants ...........

......and my best wishes for a successful meeting.

Richard E. Litz
Professor and Director
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