



# STATE OF HAWAII

# Department of

# Agriculture

## PLANT INDUSTRY DIVISION

**Plant  
Quarantine  
Branch**

**Plant Pest  
Control Branch**

**Pesticides  
Branch**

# OUR MISSION: To Protect Hawai`i



**Animal and Public Health**



**Natural Resources**



**Agricultural Industries**



**Hawaii's unique plants and animals**

# Plant Industry Division

## How do we accomplish that?

### PREVENTION

Preventing introduction and spread of harmful pests is more economic:

- ❖ Enforcing quarantine regulations
- ❖ Generating pest risk assessments

### DETECTION

Finding invasive species early:

- ❖ Implementing early detection surveys and rapid response (EDRR) approach

### MANAGEMENT

- ❖ Implementing eradication projects, where possible
- ❖ Developing management projects, including Bio-Control



# Plant Industry Division

## 2023 Accomplishments

### PREVENTION

- ❖ Review of rules: Chapters 68, 70, 72
- ❖ Compliance Agreements for CRB, noxious weed, firewood and citrus quarantines
- ❖ Kupono Database

### DETECTION

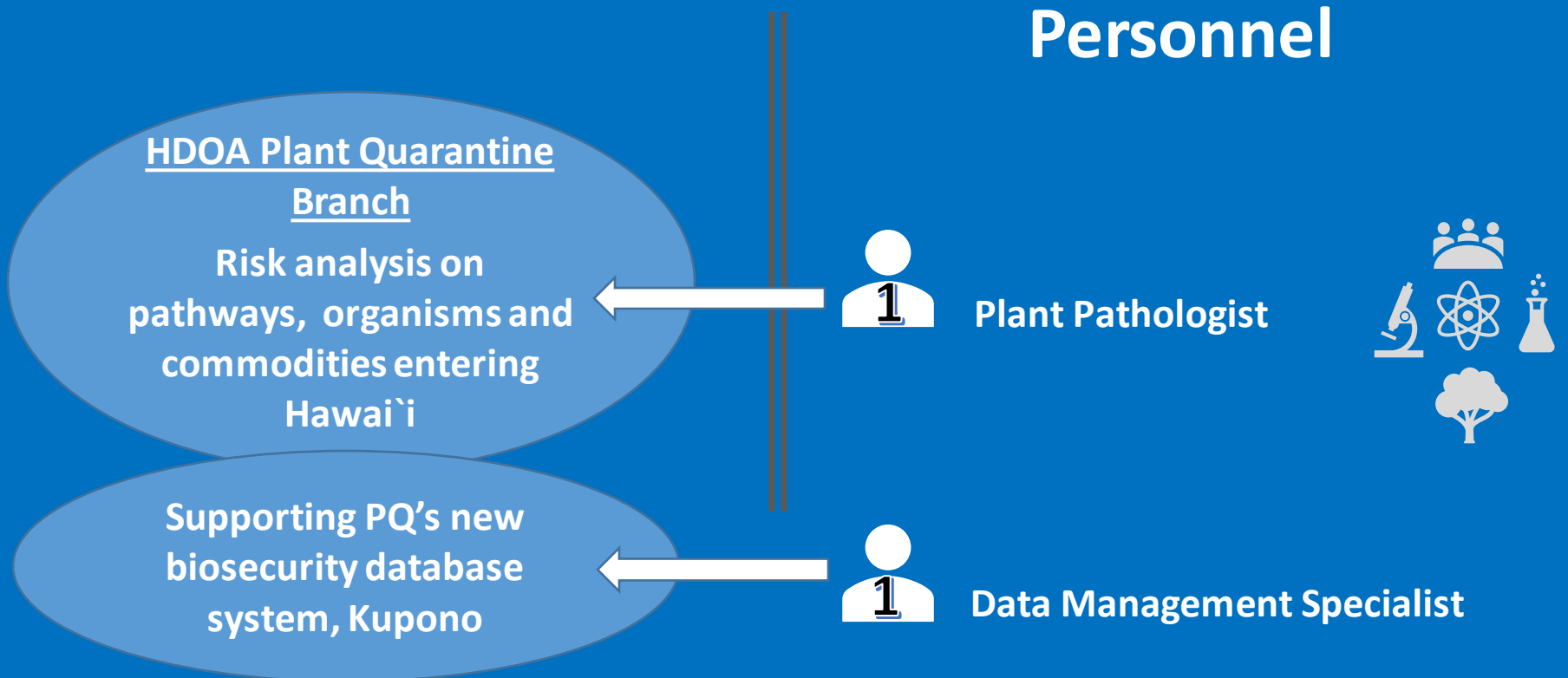
- ❖ Identified 20+ new detections
- ❖ Collaborative survey efforts

### MANAGEMENT

- ❖ Collaborative efforts against CLR and CRB
- ❖ TLSB management project
- ❖ CBB/CLR subsidy project



# Addressing Pre-border Biosecurity



# Addressing Border Biosecurity

## Personnel

### Plant Quarantine Branch

- Inspecting planes, cargo ships, nursery material
- Addressing Pest Risk Assessments, pest responses

### Plant Pest Control Branch

Diagnostic, pest surveys



PQ Inspectors



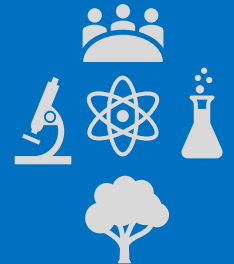
PQ Specialist



Plant Pathologist Diagnostician



Entomologist



# Expanding Detector Dog Team



Diagnostic  
Biocontrol

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Plant Pathologist Diagnostician

# Challenges

- Review of critical positions
- Funding support of adequate biocontrol facilities
- New pathways (online trade)
- Funding limitations for adequate pest response
- Review of pest eradication approach







# Coqui Frog Response

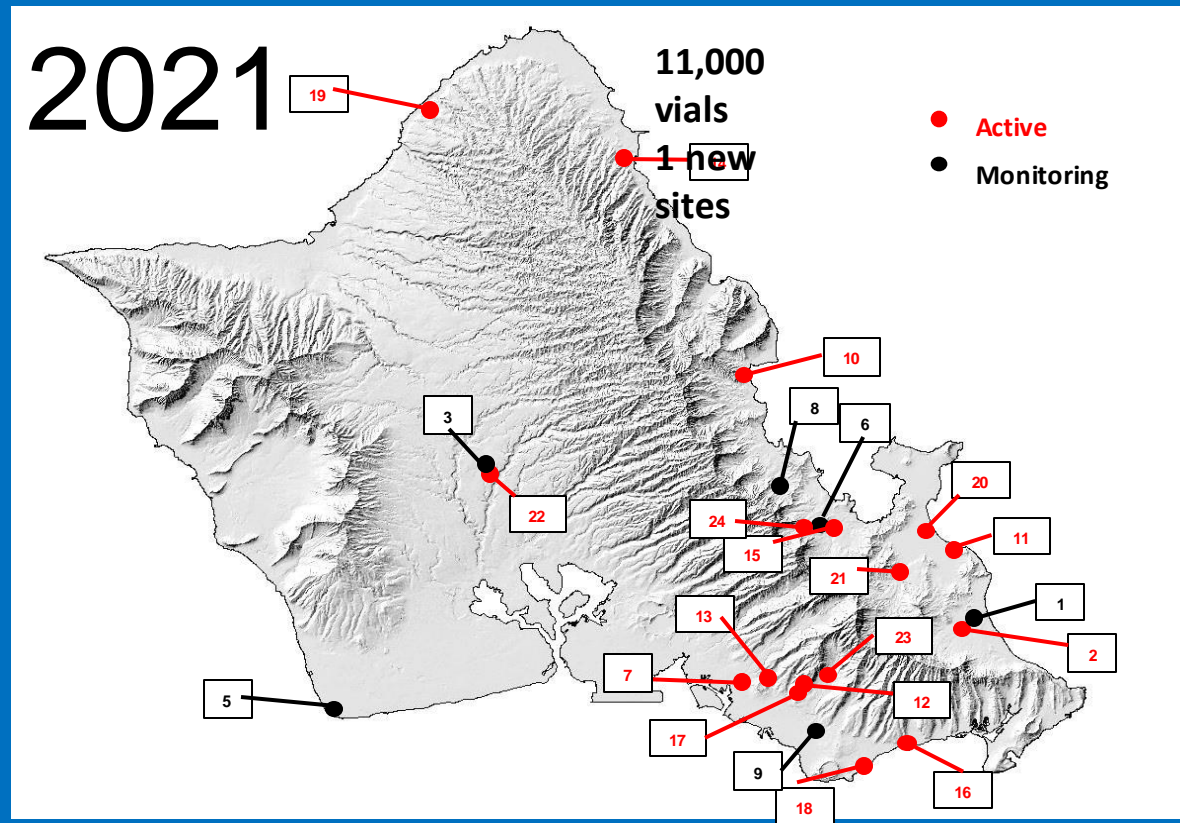
Cost: \$60,000+/year

# Little Fire Ant



## *Wasmannia* Response

Cost: \$4M+





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It takes all of us to  
***PROTECT HAWAII***



***Mahalo!***