



Preliminary Identification Program and Notifications of Survey Samples Sent for Confirmation

Patrick Haslem

National Policy Manager

Pest Surveillance and Emergency Management

Cross Functional Working Group (CFWG)

- Field Operations
 - Darrell
- Science & Technology
 - Leah, Colin, Kojun Kanda
- National Identification Services
 - (Representative TBD)
- Emergency & Domestic Programs
 - Policy Manager: Patrick

Four Preliminary Identification Institutional Screening Centers

- Carnegie Museum of Natural History
 - Coleoptera
- Mississippi State University
 - Lepidoptera, Coleoptera, Hemiptera
- Oregon Department of Agriculture
 - Coleoptera, Hemiptera, Orthoptera
- Washington State Department of Agriculture
 - Lepidoptera, Hymenoptera, Diptera



2024 Program Accomplishments

- 4 Preliminary ID Screening Institutions
 - Approximately 101,000 specimens processed
- CFWG provided preliminary identification input on 7 survey and diagnostic assessments
- Visited ODA and WSDA screening institutions (Program to date visited all four preliminary ID screening centers)
- CFWG evaluated around 80 PPA 7721 project proposals
- Defined Program Performance Measures (PPMs)



Challenges

- Sample condition when received by screening centers
- Samples forwarded to screening centers late in survey season (usually all at once at the season's end)
- Sample slots reserved by states and not ultimately fulfilled

Goals for the next few years

- Pest Detection cooperative agreements – moved under EDP-PSEM
- All samples submitted for screening include survey source
- ★
 - Financial accountability
 - Continue looking at per-sample costs
- Identify new techniques that could be used for preliminary identification



So....what happens to the significant first specimen/sample detections?

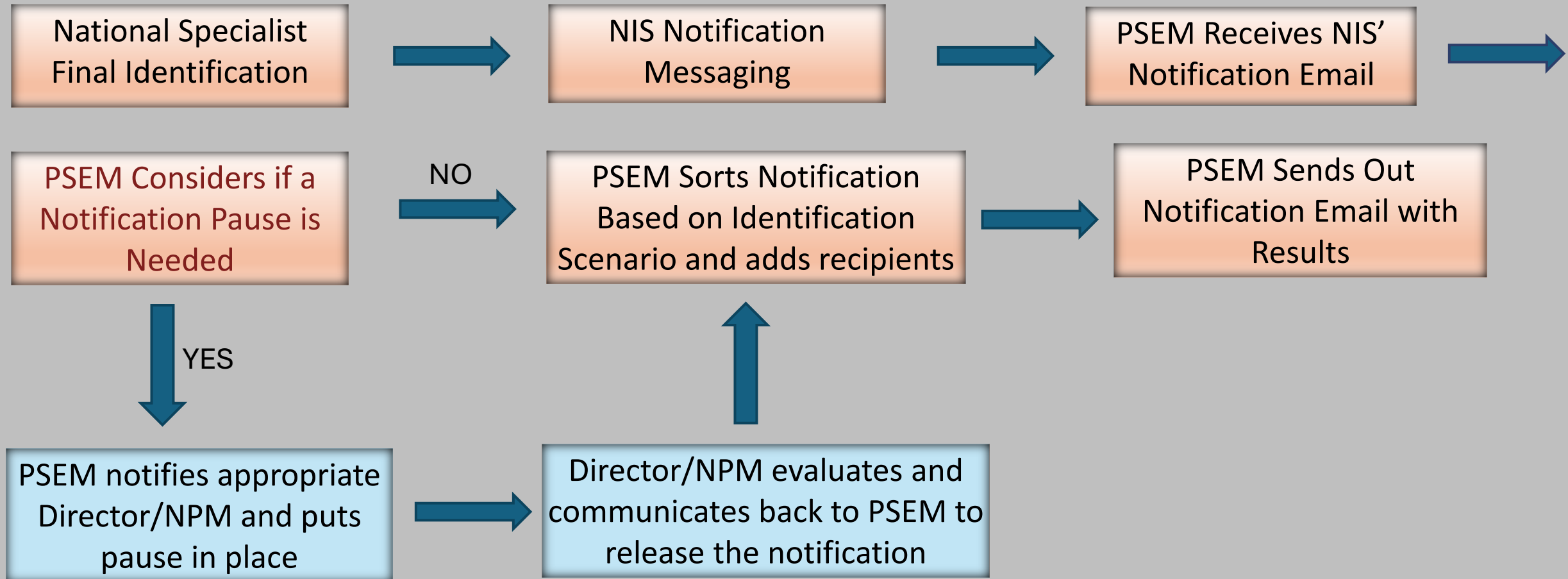
- Need to be confirmed by APHIS / partner national specialists to be officially recognized
- Next: talk about how the results are communicated back to the state



Notifications of Survey Samples Sent for Confirmation

- New Continental U.S. Detection (CONUS)
- New State / Territory / Tribal Detection
- New County Detection

Domestic Notification Flow Process



Modernization of Notification Process: ARM System-Generated Emails

Recipients have been receiving emails for the past year from:

EDP Pest Surveillance & Emergency Management Domestic
Notifications & Confirmatory Results

ppq.edp.dncr@usda.gov

For record triage / submission questions:

PPQ.Domestic.Diagnostic.Coordinator@usda.gov

ARM System Generated Emails

From: ARMADMIN@aphis.usda.gov <ARMADMIN@aphis.usda.gov>

Sent: Wednesday, January 29, 2025 9:17 AM

To: MRP.APHIS.PPQ.EDP.DNCR <PPQ.EDP.DNCR@usda.gov>

Subject: DRAFT Final ID for Fruit Flies Program in Hawaii -- staging

Event ID: HIHONDOM25010001-DR01

Collection Number: Not Specified

State of Detection: Hawaii

Reason for Identification: Suspected Pest of Regulatory Concern (PPQ)

Taxonomic Name: *Bactrocera miamensis* Santos (Tephritidae)

Pest Program: Fruit Flies

Quarantine Status: Uncategorized


ARM Determination Page: https://arm-staging.aphis.usda.gov/armWeb2/arm_web/determination/view/full/5452

<small>According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB control numbers for this information collection are 0575-0010 and 0104. The time required to complete this information collection is estimated to average 20 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.</small>		<small>This report is authorized by law (7 U.S.C. 1474). While you are not required to respond, your cooperation is needed to make an accurate record of plant pest conditions.</small>		<small>OMB APPROVED 0575-0010 and 0104</small>	
UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE		<small>Instructions: Type information requested. Block 1 - assign a number for each collection using your own numbering convention or use the following examples by beginning with the year, followed by the collector's initials and the collector's number. Example: 14-JUD-001.</small>		<small>LOI NUMBER</small>	
SPECIMENS FOR DETERMINATION		<small>Field Data Section - Complete Blocks 14, 15 and 16. Complete items 17 and 18 if a trap was used.</small>		<input type="checkbox"/> URGENT <input checked="" type="checkbox"/> PROMPT <input type="checkbox"/> ROUTINE	
1. COLLECTION NUMBER		2A. DATE - SUBMISSION MONTH DAY YEAR 01 28 2025		2B. DATE - COLLECTION MONTH DAY YEAR 01 24 2025	
3. SUBMITTING AGENCY <input type="checkbox"/> State Cooperator <input type="checkbox"/> University <input checked="" type="checkbox"/> APHIS PPQ <input type="checkbox"/> Other		4A. NAME OF SUBMITTER Jose D Santos		4B. NAME OF COLLECTOR	
5. ADDRESS OF SUBMITTER		6. TYPE OF PROPERTY (FARM, RESIDENCE, NURSERY, ETC.) Retail Nursery		7. NAME AND ADDRESS OF PROPERTY OWNER Maui Nui Botanical Garden	
8. REASON FOR IDENTIFICATION (*X* all applicable items)		9. IF PROMPT OR URGENT IDENTIFICATION IS REQUESTED, PLEASE PROVIDE A BRIEF EXPLANATION UNDER "REMARKS":		10. HOST INFORMATION	
<input checked="" type="checkbox"/> A. Biological Control (Target Pest Name)		<input type="checkbox"/> E. Export Certification		11. QUANTITY OF HOST	
<input type="checkbox"/> B. Damaging Crops/Plants		<input type="checkbox"/> F. Targeted Survey (Pest Name)		NAME OF HOST (Scientific name and name of cultivar if appropriate) Citrus sinensis - ORANGE	
<input checked="" type="checkbox"/> C. X Suspected Pest of Regulatory Concern (Explain in REMARKS)		<input type="checkbox"/> G. Smuggling Interdiction/Trade Compliance (SITC)		NUMBER OF ACRES/PLANTS 100	
<input type="checkbox"/> D. Stored Product Pest		<input type="checkbox"/> H. Other (Explain in REMARKS)		Plant affected (insert figure and indicate) <input type="checkbox"/> Number: <input type="checkbox"/> Percent:	
12. PLANT DISTRIBUTION		13. PLANT PARTS AFFECTED		14. PEST DISTRIBUTION	
<input checked="" type="checkbox"/> Limited		<input type="checkbox"/> Leaves, Upper Surface <input type="checkbox"/> Trunk/Bark		<input type="checkbox"/> FEW	
<input type="checkbox"/> Scattered		<input type="checkbox"/> Leaves, Lower Surface <input type="checkbox"/> Branches		<input type="checkbox"/> COMMON	
<input type="checkbox"/> Widespread		<input type="checkbox"/> Petiole <input type="checkbox"/> Growing Tips		<input type="checkbox"/> ABUNDANT	
		<input type="checkbox"/> Stem <input type="checkbox"/> Roots		<input type="checkbox"/> EXTREME	
		<input type="checkbox"/> Bulbs, Tubers, Corms <input type="checkbox"/> Seeds		15. PEST DISTRIBUTION	
		<input type="checkbox"/> Buds		<input type="checkbox"/> INSECTS	
		<input type="checkbox"/> Flowers		<input type="checkbox"/> NEMATODES	
		<input checked="" type="checkbox"/> Fruits or Nuts		<input type="checkbox"/> MOLLUSKS	
16. SAMPLING METHOD		17. TYPE OF TRAP AND LURE		18. TRAP NUMBER	
19. REMARKS		METHOD		20. TENTATIVE DETERMINATION	
		<input checked="" type="checkbox"/> MORPHOLOGY		Bactrocera miamensis Santos (Tephritidae)	
		<input type="checkbox"/> SYMPTOM		DETERMINED BY Jose D Santos	
		<input type="checkbox"/> CULTURE		POSITION AND AFFILIATION	
		<input type="checkbox"/> SEROLOGICAL			
		<input type="checkbox"/> PCR			
		<input type="checkbox"/> SEQUENCING			
21. FINAL DETERMINATION AND NOTES (NOT FOR FIELD USE) Bactrocera miamensis Santos (Tephritidae) (Morphology)		METHOD		22. PRINT NAME Jose D Santos	
		<input checked="" type="checkbox"/> MORPHOLOGY		DISPOSITION OF SPECIMEN/SAMPLE <input type="checkbox"/> Returned <input type="checkbox"/> Retained for Collection/Storage <input type="checkbox"/> Destroyed <input type="checkbox"/> Transferred to:	
		<input type="checkbox"/> SYMPTOM		DATE 01/29/2025	
		<input type="checkbox"/> CULTURE		LAB CONFORMATION NUMBER	
		<input type="checkbox"/> SEROLOGICAL		DATE RECEIVED 01/29/2025	
		<input type="checkbox"/> PCR			
		<input type="checkbox"/> SEQUENCING			
PPQ Form 391 DEC 2017		Previous editions are obsolete.			

Email Recipients

- Those closely related to the detection:
 - SPHD / SPRO
 - The collector / submitter / originator of the record
 - For significant notifications – NPB president and PPQ Management Team

Power BI Results Dashboard


United States Department of Agriculture
USDA APHIS PPQ ARM Domestic Diagnostic Requests

Request Date

11/12/2024

2/3/2025

Inspection Location State

All
▼

Program Name

All
▼

Submitter

All
▼

DR Created By

All
▼

DR Created Date

11/12/2024

2/3/2025

City

All
▼

County

All
▼

State

All
▼

Diagnostic Request Number

All
▼

Taxon Family

All
▼

Taxonomic Name

All
▼

IBP_PROGRAM_NAME	DIAGNOSTIC_REQUEST_NUMBER	TAXONOMY_FAMILY	TAXONOMIC_NAME	QUARANTINE_STATUS	TOTAL_NUMBER SPECIMENS	STATE_CODE	COUNTY	CITY	DETAILS
Other	AZNOGDOM24110001-DR01	Tortricidae	Platynota stultana (Walsingham) (Tortricidae)	Non-Quarantine	1	AZ		Mesa	Digit
Other	AZNOGDOM24110001-DR01	Tortricidae	Platynota stultana (Walsingham) (Tortricidae)	Non-Quarantine	1	AZ		Mesa	Morj
Other	AZNOGDOM24120001-DR01	Eriophyidae	Eriophyidae	Quarantine	100	AZ		QUEEN CREEK	Morj
Other	AZNOGDOM24120001-DR01	Eriophyidae	Oziella sp. (Eriophyidae)	Uncategorized	100	AZ		QUEEN CREEK	Mole
Citrus Greening	AZNOGDOM24120002-DR01	Rhizobiaceae	Candidatus Liberibacter asiaticus Jagoueix et al. (Rhizobiaceae)	Quarantine	0	AZ		Nogales	Mole
Citrus Greening	AZNOGDOM25010001-DR01	Rhizobiaceae	Candidatus Liberibacter asiaticus Jagoueix et al. (Rhizobiaceae)	Quarantine	0	AZ		Nogales	Mole
Citrus Greening	AZNOGDOM25010002-DR01	Rhizobiaceae	Candidatus Liberibacter asiaticus Jagoueix et al. (Rhizobiaceae)	Quarantine	0	AZ		Nogales	Mole
Citrus Greening	AZNOGDOM25010003-DR01	Rhizobiaceae	Candidatus Liberibacter asiaticus Jagoueix et al. (Rhizobiaceae)	Quarantine	0	AZ		Nogales	Mole
Citrus Greening	AZNOGDOM25010005-DR01	Rhizobiaceae	Candidatus Liberibacter asiaticus Jagoueix et al. (Rhizobiaceae)	Quarantine	0	AZ		Nogales	Mole
Other	AZNOGDOM25010006-DR01	Eriophyidae	Eriophyidae	Quarantine	210	AZ		QUEEN CREEK	Morj
Citrus Greening	AZNOGDOM25010007-DR01	Rhizobiaceae	Candidatus Liberibacter asiaticus Jagoueix et al. (Rhizobiaceae)	Quarantine	0	AZ		Nogales	Mole
Citrus Greening	AZNOGDOM25010008-DR01	Rhizobiaceae	Candidatus Liberibacter asiaticus Jagoueix et al. (Rhizobiaceae)	Quarantine	0	AZ		Nogales	Mole
Citrus Greening	AZNOGDOM25010009-DR01	Rhizobiaceae	Candidatus Liberibacter asiaticus Jagoueix et al. (Rhizobiaceae)	Quarantine	0	AZ		Nogales	Mole
Citrus Greening	AZNOGDOM25010010-DR02	Rhizobiaceae	Candidatus Liberibacter asiaticus Jagoueix et al. (Rhizobiaceae)	Quarantine	0	AZ		Nogales	Mole
Citrus Greening	AZNOGDOM25010011-DR01	Rhizobiaceae	Candidatus Liberibacter asiaticus Jagoueix et al. (Rhizobiaceae)	Quarantine	0	AZ		Nogales	Mole
Citrus Greening	AZNOGDOM25010012-DR01	Rhizobiaceae	Candidatus Liberibacter asiaticus Jagoueix et al. (Rhizobiaceae)	Quarantine	0	AZ		Nogales	Mole
Citrus Greening	AZNOGDOM25010013-DR01	Rhizobiaceae	Candidatus Liberibacter asiaticus Jagoueix et al. (Rhizobiaceae)	Quarantine	0	AZ		Nogales	Mole
Citrus Greening	AZNOGDOM25010014-DR01	Rhizobiaceae	Candidatus Liberibacter asiaticus Jagoueix et al. (Rhizobiaceae)	Quarantine	0	AZ		Nogales	Mole
Citrus Greening	CASPHD24110001-DR01	Rhizobiaceae	Candidatus Liberibacter asiaticus Jagoueix et al. (Rhizobiaceae)	Quarantine	0	CA		Mission Viejo	Mole
Other	CASPHD24120001-DR01	Curculionidae	Euwallacea interjectus (Blanford) (Curculionidae)	Quarantine	1	CA		Felton	Mole
Other	CASPHD24120001-DR01	Curculionidae	Euwallacea interjectus (Blanford) (Curculionidae)	Quarantine	1	CA		Felton	Morj
Cucumber Green Mottle Mosaic Virus (CGMMV)	CASPHD24120002-DR01	Virgaviridae	Tobamovirus Cucumber green mottle mosaic virus (CGMMV) (Virgaviridae)	Quarantine	0	CA		Oxnard	Morj
Other	CASPHD24120003-DR01	Miridae	Erythroneura (Miridae)	Quarantine	3	CA		Woodland	Morj

Number of Records

408



Animal and Plant Health Inspection Service

U.S. DEPARTMENT OF AGRICULTURE

Thank You