



35th Technical Consultations on Regional Plant Protection Organizations

24-27 October 2023

Bogota, Colombia




Overview

1. Specificities
2. Technical and Capacity Building Achievements
3. Emerging pests and issues
4. Surveillance programmes and other activities
5. Proposal for further collaboration

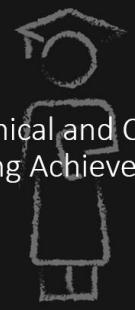


CARIBBEAN AGRICULTURAL HEALTH AND FOOD SAFETY AGENCY




1. SPECIFICITIES


Introduction to CAHFA



2. Technical and Capacity Building Achievements



3 Surveillance Activities



3. Emerging Pests and Issues

Our way



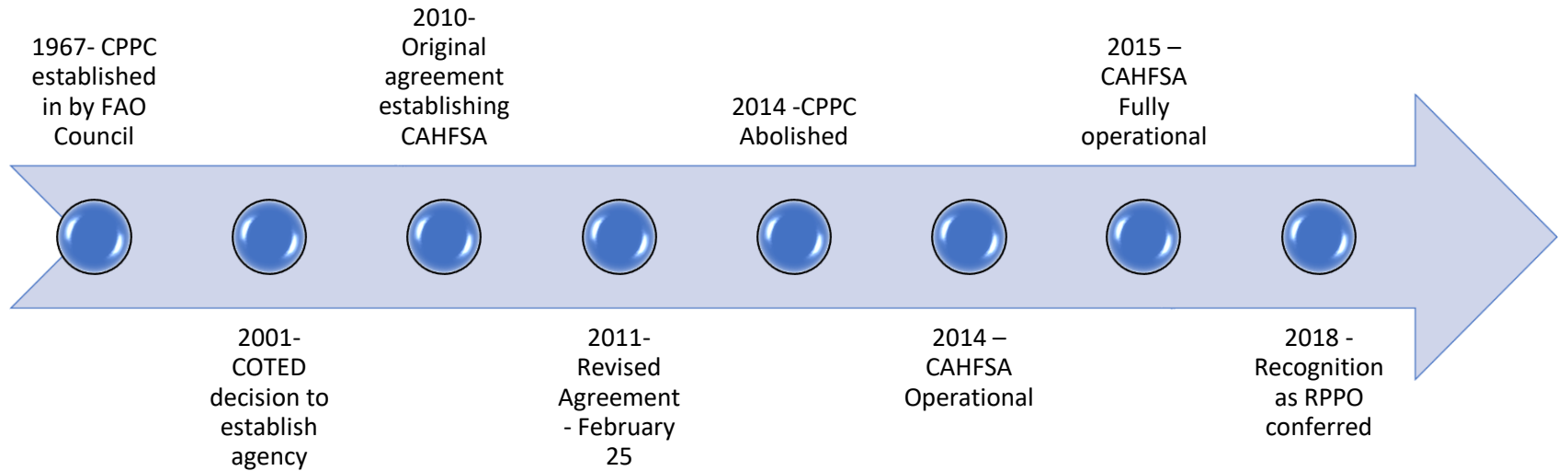
1. SPECIFICITIES

Introduction to CAHFSA



CARIBBEAN AGRICULTURAL HEALTH AND FOOD SAFETY AGENCY

Timeline





CARIBBEAN AGRICULTURAL HEALTH AND FOOD SAFETY AGENCY

Membership

- **MEMBER STATES:** Antigua and Barbuda. Bahamas. Barbados. Belize. Dominica. Grenada. Guyana. Haiti. Jamaica. Montserrat. Saint Lucia. St Vincent and the Grenadines. Suriname. Trinidad and Tobago.
- **ASSOCIATE MS:** Anguilla, Bermuda, British Virgin Islands, Cayman Islands, Turks and Caicos Islands



14 IPPC Contracting Parties

The **Caribbean Community (CARICOM)** is an intergovernmental organization that is a political and economic union



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Population of the CARICOM Member States and Associate Members

| Country | Population |
|---|------------|
| Haiti | 11,585,003 |
| Jamaica | 2,827,382 |
| Trinidad and Tobago | 1,531,043 |
| <u>Guyana</u> | 808,726 |
| <u>Suriname</u> | 618,040 |
| <u>Bahamas</u> | 409,984 |
| <u>Belize</u> | 405,272 |
| <u>Barbados</u> | 281,643 |
| <u>Saint Lucia</u> | 179,857 |
| <u>Grenada</u> | 125,438 |
| <u>Saint Vincent and the Grenadines</u> | 103,957 |
| <u>Antigua and Barbuda</u> | 93,772 |
| <u>Dominica</u> | 72,758 |
| <u>Saint Kitts and Nevis</u> | 47,681 |
| <u>Montserrat</u> | 4,413 |

Over 60% in Haiti
Almost
90%
live in
3 MS

| Country | 2022 Population |
|--------------------------|-----------------|
| Cayman islands | 68,722 |
| Bermuda | 64,207 |
| Turks and Caicos Islands | 45,726 |
| British Virgin islands | 31,332 |
| Anguilla | 15,877 |

Source: <https://www.worldmaps.com/>

19.2 Million people



CARIBBEAN AGRICULTURAL HEALTH AND FOOD SAFETY AGENCY

Three Technical Divisions within the CAHFSA Secretariat

1. Animal Health

2. Food Safety

3. Plant Health

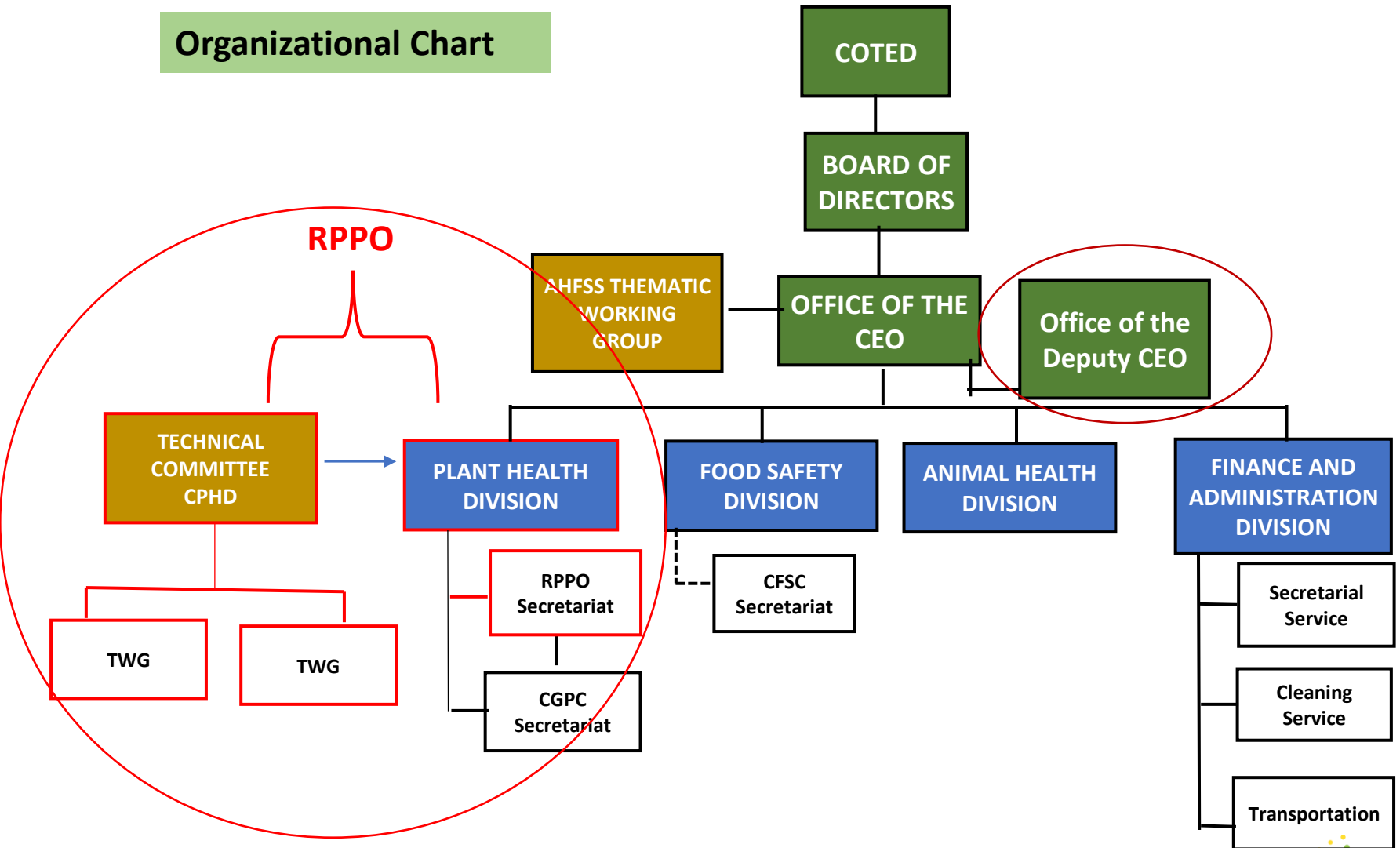
4. Finance and Admin





CARIBBEAN AGRICULTURAL HEALTH AND FOOD SAFETY AGENCY

Organizational Chart



The Technical Working Groups

- Emergency Preparedness Plans and Mechanisms for Response
- Molluscs
- Fruit Fly
- Palm Pest Complex
- Safeguarding
- Musa
- Communications
- Caribbean Pest Diagnostic Network (CPDN)
- Technical Committee on the Formulation and Prioritization of a Regional Pest List

2. Technical and Capacity Building Achievements





Improvement in Policy and Legislative Framework

- Regional Agricultural Health and Food Safety Policy and Action Plan
 - Establishment of a Caribbean Early Detection and Pest Response System
 - Regional Pest Risk Analysis Centre
- Framework for National AHFS Policy
- **Model Plant Health Legislation**



Dispute Settlement

- Development and Endorsement of a CARICOM Alternative **SPS Dispute Settlement Mechanism**



Capacity Evaluations

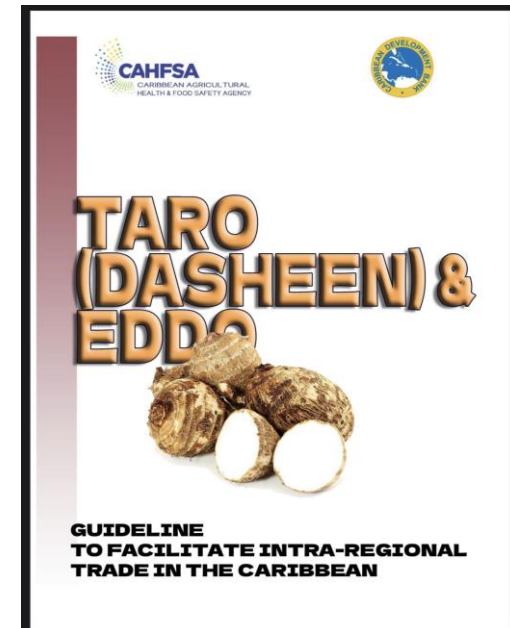
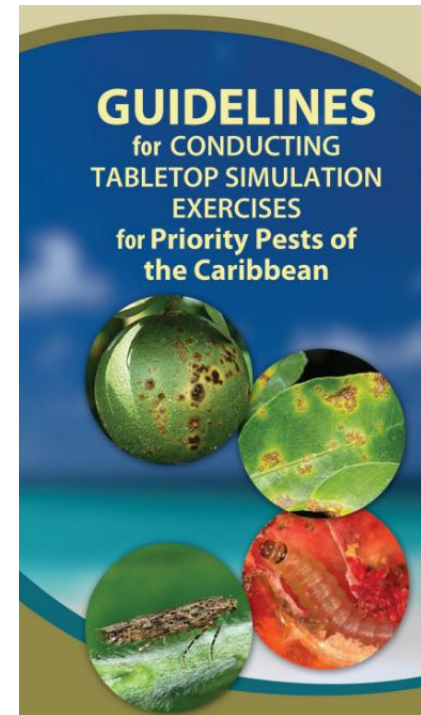
- PCE Bahamas
- RSAT in Suriname





Technical Guidance Documents

- 14 commodity-specific phytosanitary guidelines
- Guidelines for Conducting Tabletop Simulations





Joint meeting of the CPHD and IPPC Regional Workshop for the Caribbean



3. Emerging Pests and Issues

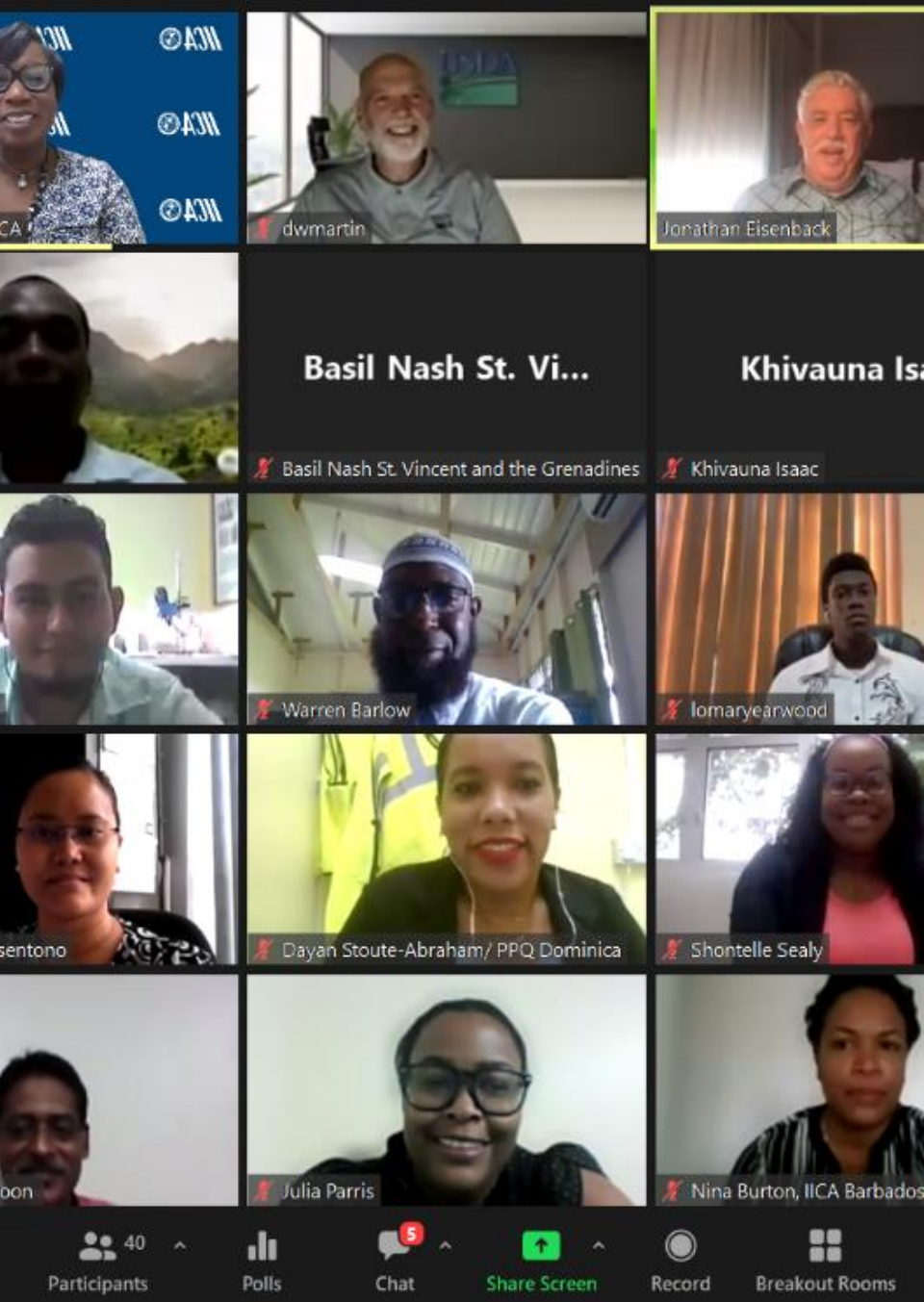
Our way



Caribbean Safeguarding Initiatives -2019-2023

- **5 Priority Pests:** (from 2018 list)
 1. *Ceratitis capitata* (Med Fly),
 2. *Ralstonia solanacearum* (Brown Rot of Potato)
 3. *Tuta absoluta* (Tomato Leafminer),
 4. Citrus Leprosis virus
 5. *Xanthomonas axonopodis* pv. *citri* (Citrus Canker)





Diagnostic Training

- Key Pathogens, particularly those appearing on the Priority Pest List
- Tomato Leaf miner –
- Citrus Canker
- Nematodes



NATIONAL EMERGENCY RESPONSE PLAN FOR CARIBBEAN COUNTRIES

Brown Rot of Potato, *Ralstonia solanacearum* (Smith, 1986)
Yabuuchi et al., 1996 "race 3 biovar 2"



NATIONAL EMERGENCY RESPONSE PLAN for CARIBBEAN COUNTRIES



Emergency
Response Plans
(ERP)

Citrus Canker, *Xanthomonas citri*



Regional Priority Pest List-2022

| Ranking | Plant Pests |
|---------|--|
| 1 | <i>Bursaphelenchus cocophilus</i> (Red ring nematode) + <u><i>Rhynchophorus palmarum</i></u> |
| 2 | <u><i>Fusarium oxysporum fsp cubens</i> (TR4)</u> |
| 3 | <i>Ceratitis capitata</i> - Medfly |
| 4 | <i>Steneotarsonemus spinki</i> (Rice panicle mite) |
| 5 | <i>Helicoverpa armigera</i> - Old World Bollworm |
| 6 | <i>Ralstonia solanacearum</i> Race 3 Biovar 2 - Brown rot of potato |
| 7 | <u>Banana bunchy top virus</u> |
| 8 | <u>Maize lethal necrosis disease</u> |
| 9 | <i>Rhynchophorus ferrugineus</i> - Red Palm Weevil |
| 10 | <i>Peronosclerospora philippinensis</i> (Downy Mildew) |



3 Surveillance Activities



Strengthening National Surveillance Programmes



- Surveillance Training and Provision of Materials and Supplies
 - Citrus Canker
 - Fruit fly
 - Tomato Leafminer
 - Red Palm Weevil

Tabletop and Field Simulations

- TR4
- Brown Rot of Potato
- Tomato Leafminer
- Citrus Canker





Surveillance Tools

- Caribbean Biosecurity Interceptions System (CBIS) – logs interceptions at ports of entry
- Pest Surveillance Database for the Caribbean (PeST-Caribbean)
- The Fruit Fly Monitoring System (FFMS) database



4. Proposal for future collaboration

- Pest diagnostic services
- Development of training programmes and advocacy material
- Working groups/advisory bodies
- Pest risk analysis
 - mentoring
 - Sharing of PRA
- RPPO twinning



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Thank You

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