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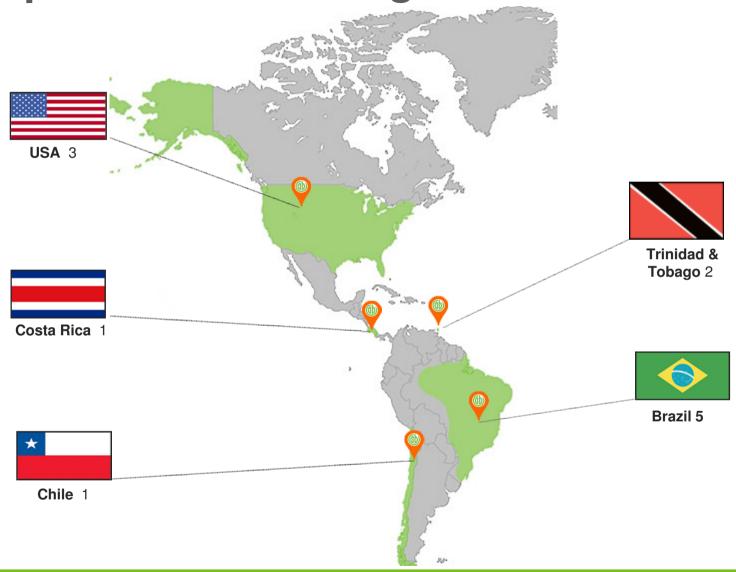


We work on behalf of 14 member countries



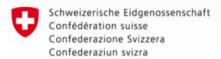
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CABI presence in the region





Key Partners in the region

































































Instituto Nacional de Innovación Agraria





Key facts about the region: Diverse agroecosystems



Agroecosystems vs production level



Photo: www.theepochtimes.com

Small farmersManual processes

Medium- Large farmersMechanized processes



Photo: REUTERS / Paulo Whitaker/Files



Agroecosystems - Mono-cropping vs Sustainable Production



Potential of the Neotropical region high biodiversity





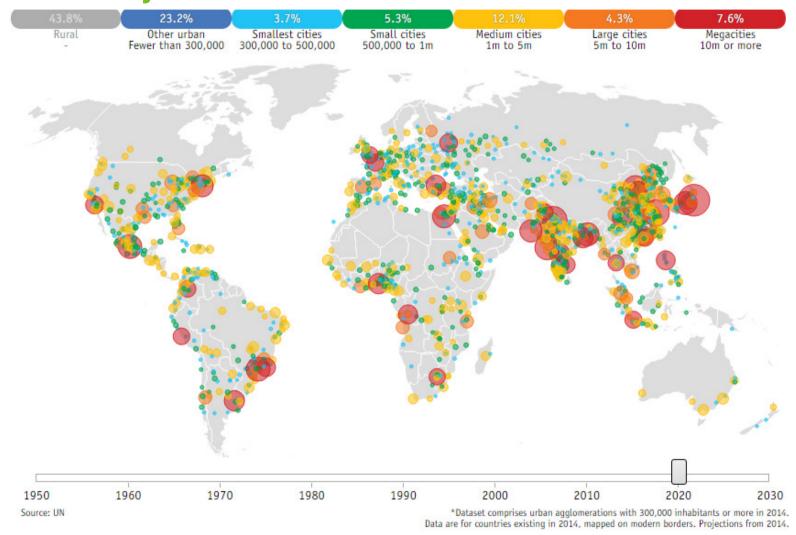






Challenges: growing population / appetite

Population dynamics - 2020





Challenges: Calendar of application and technology of application of pesticides







Challenges: Limited infrastructure Quarantine

Point of entry





Introduction of new pests into the region



Helicoverpa armigera



Citrus leafminer



Anastrepha obliqua



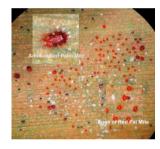
Tuta absoluta



Rhynchoporus ferrugineus



Rastrococcus invandens



Red Palm Mite



Lethal Yellowing



Papayae mealybug



Scirtothrips dorsalis



Diaphorina citri



Sago Palm Scale



Neoleucinodes elegantalis



Drosophila Suzukii



Priority areas identified during the last Regional Consultation 2012-2013

- Trade and market access and development
- Knowledge management, communication and use
- Plant health
- Biodiversity and invasive species management

Cross cutting

- Climate smart agriculture
- Institutional capacity building
- Publication of, and access to, authoritative information resources





Plant Health

Integrated Pest Management

- Development of an Integrated Pest Management (IPM) package to control Red Palm Mite in Dominica and Brazil.
 Dominica Ministry of Agriculture' staff got trained on IPM topics and around 250 farmers reached in both countries.
- ✓ Pest management strategies for Fruit Fly, Tuta absoluta, Neoleucinodes elegantalis and coffee berry borer in South America integrating our activities as part of Government National programme. Around 1500 farmers reached.

Technical material

Around 359 Factsheets were produced on different plant protection topics and 307 pest management decision guides.





Trade and market access

SPS compliance and capacity building

✓ Emergency Action Plan developed for Frosty Pod Rot in Trinidad & Tobago funded by GEF. National community sensitize to the risk of FPR.

GAP capacity building

- Implementation of GAP and SPS in commodities like Cotton, Sesame, Fruits and Vegetables, Multiple countries.
- ✓ 11 key stakeholders trained to identify the Frosty Pod in Costa Rica to reinforce the Surveillance of the disease.
- ✓ Around 6 persons trained in Brazil from Dominica on IPM to control key pests attacking Coconut palms.

Climate change

Working in key commodities in Brazil and Colombia to help farmers on climate change adaptation.





Knowledge management and Capacity Building

Rational Pesticide Use

Collaborative work with the government and private companies to train 45 extension officers and 120 farmers in Colombia and 40 and 60 in Trinidad and Tobago respectively.

Invasive species

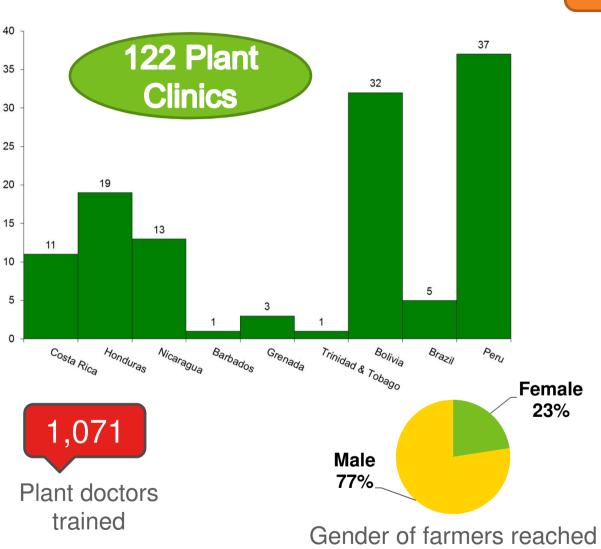
- ✓ Technical capacity developed through the implementation of 11 management project as part of the mitigation of IAS in the insular Caribbean initiative.
- One staff from MoA in Trinidad and Tobago trained in the UK in bio-pesticide development as part of the Red Palm Mite management project funded by GEF.

Diagnostic and pest management

Around 1,000 extension officers and technicians trained in Latin America and Caribbean as part of the PW programme.



Plantwise



15,077 Farmer's queries recorded







Biodiversity and invasive species management

Invasive species management

- Biological Control of "Rubber vine" Cryptostegia madagascariensis.
- ✓ Mitigating the Threats of Invasive Alien Species in the Insular Caribbean (GEF- UNESP) – 5 national strategies and coordinating mechanism completed.
- ✓ Collaborative work to control and avoid spread of invasive species and quarantine pest in the Caribbean and South America.
- ✓ Survey for biocontrol agents conducted in the Nariva Swamp in Trinidad and Tobago as part of the Red Palm Mite management project fund by GEF. Three entomopathogen and one insect identified in laboratory tests as potential control agents.





Biodiversity and invasive species management

Microbial resources

- ✓ Survey for biocontrol agents conducted it the Nariva Swamp, Trinidad and Tobago. Three entomopathogens and one insect identified in laboratory tests as potential control agents.
- ✓ Linkage of microbial ID service with Plantwise diagnostic clinics. Around 45 samples processed. Multiple countries.
- ✓ Surveys for insect killing microorganisms from extreme habitats in Chile. 600+ insect-killing and/or plant growth-promoting microorganisms (fungi, bacteria and nematodes) collected from all over Chile, funded by Darwin Initiative.











Regional Initiatives

Quarantine pest platform

 Strengthening the collaboration among key institutions in the region. Coordinated by EMBRAPA.

Caribbean Plant Health Directors Forum

 Collaborative efforts and unified strategies to strengthen plant health safeguarding throughout the Greater Caribbean Region. Coordinated by USDA- APHIS, CARICOM, IICA.

South American Biological Resource Centre Network

 Establishment a South American regional Biological Resource Centre Network.
 Coordinated by INIA Chile and CABI.





Going forward in the Americas & Caribbean

Think Global Act Local with a Regional Focus

- Work with LOs to ensure partnership with MCs, responding to MC needs as expressed in CABI Medium Term Strategy 2020
- Enable research and technology transfer on sustainable production.
- Develop more bi-lateral/multi-lateral collaboration through South to South / North to South collaboration.
- Adopt value chain approach, working with small and medium agribusinesses for close farmermarket linkage.
- Strengthen our collaboration with key institutions in the region and increase the number of member countries in Latin America.





Assalamualikum श्रिक्ष Xie-Xie
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obrigadas urakoze terima kasih Xie-Xie
gracias efharistó
kentemetse zikomo
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