In brief

- **Not-for-profit**
- Established in **1910**
- Provides scientific expertise and information about agriculture and the environment
- Activities include: international development, scientific publishing and microbial services
- Owned by **47 member countries**
- Approximately **350 staff worldwide**
We work on behalf of 47 member countries
global reach

We have 350+ staff across 17 locations worldwide

- UK 195
- Netherlands 1
- Switzerland 22
- Hungary 1
- Serbia 1
- USA 3
- Costa Rica 1
- Bulgaria 1
- China 4
- Malaysia 22
- Australia 1
- Brazil 2
- Cameroon 1
- Kenya 30
- Pakistan 65
- India 9
what are CABI’s activities?

• International development and research
• Publishing
• Microbial services
International Development

Maximizing our impact by focusing on 3 key scientific areas (Themes):

• **Commodities** – we work to enable smallholder commodity farmers to compete in global markets and improve their livelihoods.

• **Invasive species** – we aim to reduce the spread and impact of invasive weeds and insects on agriculture and the environment.

• **Knowledge for development** – we work to ensure the effective communication of agricultural and environmental knowledge between farmers, extensionists, researchers and governments.
Priority Areas for Commodities

- Promoting sustainable production methods especially to raise productivity of our focus crops such as cocoa
- Improving post-harvest processing and market access for producers to earn better incomes
- Improving capacity building through knowledge dissemination
Promoting sustainable production

- Frosty Pod Rot and Witches’ Broom can completely destroy a farmer’s crop
- Working in partnership in several countries from our base at CATIE, we promote the development of a package of IPM practices.
- In the past, conducted RPU, use of molecular methods to aid breeding for resistance and use of classical biological control using co-evolved natural enemies.
- Recent work has focused on the formulation of selected endophytic *Trichoderma* isolates to improve efficacy in the field; some isolates are more effective than chemical controls against FPR.
Papua New Guinea

Promoting sustainable production

- CPB incursion in PNG (2006) puts cocoa production there under threat
- 80-90% losses if not managed
- Project aims to enhance awareness and develop improved surveillance and containment systems as part of national emergency response
- Farmer demonstration plots and FPTR programmes produced.
- Also FFS for CPB management (pruning, complete and frequent harvesting)
- DVD on management of CPB produced and distributed
In 2008 new legislation established harmonised (MRLs) for pesticides permitted in all food in the EU, including imported commodities such as cocoa.

Working with NARS in West Africa we looked at pesticide use along the cocoa supply chain.

Raising awareness of the issues/problems, in-country training procedures were adopted to aid compliance.

Similar concerns about heavy metal contamination of food, including cocoa, has led to a project which helps to establish the levels of heavy metals present in cocoa and cocoa soils in South America.

Presentations at COPAL and articles in PAN Newsletter (Helping cocoa farmers adjust to new EU pesticide laws).
Communicating messages to farmers

- Implementation of Cocoa IPM in West Africa (Phase 1- 2003-2005)
- Developed participatory videos with STCP, CRIG, Stratcom Africa, ANS Media, Kuapa Kokoo on pruning and BP management.
- Methods and curricula developed helped STCP produce further videos
- Pheromone work undertaken by NRI and continued by NRI and CRIG
Communicating messages to farmers

- Produced twice yearly newsletter for researchers, extensionists, farmers, policy makers (GRO Cocoa)
- Together with CRIG and Cadbury’s produced the Ghana Cocoa Farmers Newspaper targeting thousands of farmers with every edition
Partnership between CABI and ICCO

- CABI and ICCO have worked together on a number of occasions eg
- Jointly organised the workshop on “Prevention and management of the global spread of cocoa pests and pathogens”. 17-20 July 2007 in Abidjan, Cote d'Ivoire.
- MOU developed between CABI and ICCO which aims to develop project proposals, source project funding and jointly implement projects to achieve sustainability in cocoa production and trade.
- First activity to develop SPS capacity building along the supply chains in SE Asia
Thank you

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