



CABI and knowledge

CABI is a not-for-profit organization that improves people's lives by providing information and applying **scientific expertise** to solve problems in **agriculture** and the **environment**.

Through knowledge sharing and science, CABI helps address issues of global concern such as **improving global food security** and **safeguarding the environment**.

We do this by helping farmers grow more and lose less of what they produce, combating threats to agriculture and the environment from pests and diseases, protecting biodiversity from invasive species, encouraging better and safer commodity crops, and improving access to agricultural and environmental scientific knowledge.

what CABI does

Major CABI led programmes such as **Plantwise** and the **African Soil Health Consortium** are already helping many farmers improve how they grow crops by providing information and developing capacity.

The **Plantwise Knowledge Bank** is at the heart of our Plantwise programme. This open access portal offers online and offline plant health information in over 80 languages. It provides information on how to diagnose and manage affected crops, but also collects data about farmers' crop problems in over 30 countries. This local data allows in-country partners to identify and track outbreaks of pests and diseases, and put in place timely measures for managing them before they cause major crop losses.

Through our **Africa Soil Health Consortium** (ASHC) we are working in partnership to create down-to-earth messages on integrated soil fertility management and our leading role in **GODAN** (Global Open Data in Agriculture and Nutrition) we are advocating open data as an important tool in making agricultural production more sustainable. To achieve this, we create, manage and share information with those who need it.

Our **mNutrition** initiative addresses hidden hunger through mobile messaging and we are developing a 'Nutrition Knowledge Bank'. This open access repository stores and delivers all the content created within the mNutrition initiative, free of charge. This includes health, agriculture and food based nutrition factsheets and mobile messages in English and local languages.

We collaborate with the **Regional Universities Forum for Capacity Building in Agriculture** (RUFORUM) to strengthen tertiary agricultural education in Africa by providing privileged, cost-free access to two of CABI's valuable scientific information resources, CAB Abstracts database and CABI Compendia.

We also produce the **Invasive Species Compendium** (ISC) which is fully and freely accessible and is designed to support the work of academics, policy makers and others in the field around the world.

Our new **Open Books** programme supports open access publishing. Free at the point of use and accessible to anyone worldwide but with the same high quality standards as a traditional book, it ensures valuable information gets to those who need it.

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