

## PlantwisePlus Knowledge Bank: Crop health management library

Knowledge, resources, and tools for plant health!

The Crop Health Knowledge Library offers over 15,000 science-based resources, pest ID tools, and real-time alert systems to support extension services, guide national response plans, and align with your agricultural policies. It's a smart, ready-to-use solution for improving food security and sustainable farming.



This technology is **pre-validated**.

9-9



Scaling readiness: idea maturity 9/9; level of use 9/9

Inclusion assessment



Climate impact



### Problem

- Up to 40% of national crop production is lost to pests and diseases each year.
- Climate change is accelerating pest outbreaks, threatening food security and stability.
- Extension workers lack real-time access to localized, science-based crop health information.
- Delayed responses and weak surveillance reduce the effectiveness of national plant protection systems.

### Solution

- Free, science-based crop health resources tailored to your country's needs.
- Digital diagnostic tools and pest alerts to support extension and rapid response.
- Strengthens national surveillance and early warning systems.
- Helps train and equip extension workers with up-to-date knowledge.

### Key points to design your project

The Crop Health Knowledge Library is a free, science-based digital platform offering country-specific resources and pest management tools to strengthen national plant health systems.

- Train extension officers and inspectors to use the platform's digital tools and resources.
- Facilitate access to the platform and offline app for rural and low-connectivity areas.
- Incorporate the Library into national agricultural training curricula and policies.



Open source / open access



Commodities

All Crops

Sustainable Development Goals



Categories

Production, Pre-production,  
Digital applications,  
Advisory and information service,  
Crop management, + 1 more

Best used with

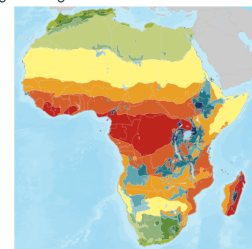
Learning Platform for Agricultural Advisory  
Services, CABI BioProtection Portal, Dosage  
calculator for plant protection products  
See all 3 technologies online

Tested/adopted in



Where it can be used

This technology can be used in the colored agro-ecological zones.



Target groups



PlantwisePlus Knowledge Bank

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