

PlantwisePlus Knowledge Bank: Crop health management library

Knowledge, resources, and tools for plant health!

The Crop Health Knowledge Library provides evidence-based content, pest alerts, and practical tools to power your projects. With localized, digital resources for farmers and field agents, it helps you build resilience, improve outcomes, and deliver on climate and development goals.



This technology is **pre-validated**. Scaling readiness: idea maturity 9/9; level of use 9/9

Inclusion assessment 2

Climate impact 4

Problem

- Pest and disease pressures are reversing development gains, especially for smallholders.
- Farmers and field staff lack practical, science-backed information to respond effectively.
- Digital tools and resources are often missing from extension and training components.
- Fragmented knowledge limits coordination and monitoring, affecting project scale and sustainability.

Solution

- Free, global and localized knowledge resources ready for project use.
- Enables scalable training and outreach with multi-language content.
- Supports real-time pest monitoring and rapid response capabilities.
- Facilitates climate resilience, capacity building, and sustainable impact at scale.

Key points to design your program

The Crop Health Knowledge Library is an open-access resource that supports sustainable agriculture by providing localized pest management content and decision-support tools for farmers and extension workers. Integrating it into projects includes:

- Promote the platform among project partners, farmers' organizations, and extension providers.
- Incorporate the Knowledge Library resources into training sessions and farmer field schools.
- Support deployment of the offline mobile app to reach low-connectivity areas.
- Embed platform content into climate resilience, food security, and capacity-building initiatives.



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

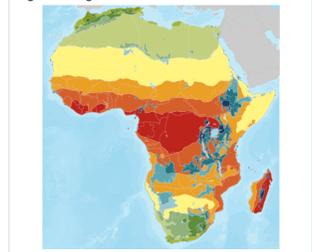
Learning Platform for Agricultural Advisory Services, Registered BioProtectants Finder, Dosage calculator for plant protection products
See all 3 technologies online

Tested/adopted in



Where it can be used

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



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<https://taat.africa/zsi>

Last updated on 1 July 2025, printed on 1 July 2025

Enquiries e-catalogs@taat.africa