

PlantwisePlus Knowledge Bank: Crop health management library

Knowledge, resources, and tools for plant health!

With 15,000+ crop health resources and tools—like pest diagnostics, country-specific data, and alerts—the Crop Health Knowledge Library helps you deliver expert-backed advice, train staff, and connect your products to real farmer needs. It's your competitive edge in sustainable agribusiness.



Commodities

All Crops

Sustainable Development Goals

- 4 QUALITY EDUCATION
- 5 GENDER EQUALITY
- 8 DECENT WORK AND ECONOMIC GROWTH
- 12 RESPONSIBLE CONSUMPTION AND PRODUCTION

This technology is **pre-validated**.

9-9

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

IP

Open source / open access

Problem

- Agribusinesses face major losses, with pests and diseases wiping out up to 40% of crop yields.
- Climate change introduces new pest risks, reducing the effectiveness of traditional solutions.
- Limited access to reliable resources weakens advisory services and brand trust.
- Lack of centralized knowledge hampers innovation, product alignment, and farmer satisfaction.

Solution

- Access to 15,000+ expert resources on pest and disease management.
- Pest ID and diagnostic tools to empower field staff with quick, accurate advice.
- Real-time email alerts to stay ahead of emerging threats.
- Aligns your products and services with proven, climate-smart practices.

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

Key points to design your business plan

This platform provides agribusinesses with over 15,000 expert resources, pest ID tools, and real-time alerts to boost advisory services and product alignment with climate-smart practices. To integrate it into your business, key activities include:

- 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.

Tested/adopted in

Where it can be used

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

Inclusion assessment **2**

Climate impact **4**

