IPM: Fall Armyworm Integrated Pest Management



Prevent–Monitor–Act

The core strategy for effective Fall Armyworm (FAW) control is the "Prevent, Monitor, and Act" approach, which emphasizes **crop resilience** through quality seed, plant diversity (like Push-Pull), and conservation agriculture, while using frequent **monitoring** to enable prompt **action** via physical removal, applying biopesticides from recycled pathogens, and attracting natural predators, reserving limited and carefully applied chemical control only as a last resort.

This technology is **not yet validated**.

7·5 Scaling readiness: idea maturity 7/9; level of use5/9

IP

Open source / open access

Problem

- **Wrong product targeting:** Misidentifying Fall Armyworm can lead to inappropriate product recommendations and wasted farmer expenditure.
- **Loss of customer trust:** Ineffective pest-control recommendations can reduce confidence in agricultural businesses.
- **Reactive services:** Without reliable diagnosis, businesses have limited capacity to provide timely and targeted pest-management advice.

Solution

- **Better product targeting:** Standardized diagnosis helps businesses recommend the appropriate solution for confirmed Fall Armyworm infestations.
- **Greater customer confidence:** Reliable field identification strengthens the credibility of agricultural advisory services.
- **Proactive service delivery:** Trained agents can identify the pest early and provide targeted recommendations.

Key points to design your business plan

Integrated Pest Management (IPM) offers agribusinesses a market opportunity to deliver value-added services by combining sustainable inputs, tailored advice, and farmer support.

Package Solutions, Not Just Products: Offer bundles that combine bio-inputs (e.g., *Bt*, neem, trap crops, resistant seeds) with guidance and field support.

Train Staff as Advisors: Equip teams to deliver crop-specific, cost-effective IPM advice through training and demo plots.

Develop Service Modele: Create seasonal packages or subscriptions that include inputs, scouting, and decision support.

Use Digital Tools: Leverage apps, SMS, or WhatsApp for real-time advice, pest alerts, and usage tracking.

Inclusion assessment 13 7 14

Climate impact 7

CABI
Claire Palmer

Technology from

ProPAS

Commodities

Maize

Sustainable Development Goals

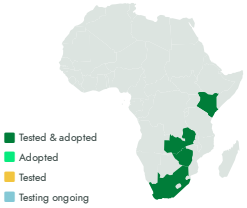


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Categories

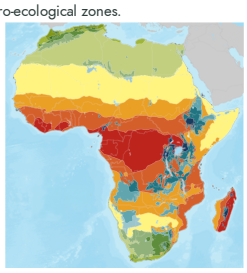
Production, Inputs, Pesticide

Tested/adopted in



Where it can be used

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



Target groups

Farmers