

# AKILIMO: Digital Decision Support Tool

We know cassava

AKILIMO is a digital application that provides personalized cassava farming advice using advanced algorithms. It offers guidance on planting, fertilizing, and harvesting based on user inputs, aiming to maximize yield and profit. It's accessible through various platforms, catering to all literacy levels.



**Excellence in Agronomy**  
Barbra Sehlule Muzata

This technology is **pre-validated**.

**8·7**

Scaling readiness: idea maturity 8/9; level of use 7/9

Gender assessment **5**

Climate impact **7**

## Problem

- **Lack of Guidance:** Farmers lack personalized advice for optimal crop management and input usage.
- **Poor Strategies & Productivity:** Limited guidance leads to suboptimal farming strategies and lower productivity.
- **Inefficiency & Unsustainability:** Without proper advice, resource usage is inefficient and farming practices may be unsustainable.

## Solution

- **Personalized Advice:** AKILIMO offers tailored, data-driven crop management recommendations.
- **Analytics & Optimization:** It uses advanced analytics for resource optimization, improving yields and reducing costs.
- **Sustainable Practices:** AKILIMO promotes environmentally friendly and responsible farming.

ROI: \$\$\$ **2567 %**

Technology from

[CASH from EIA](#)

Commodities

Cassava, Maize, Rice

Sustainable Development Goals



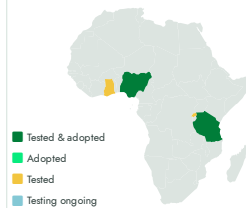
Categories

Production, Digital applications, Advisory and information service, Crop management

Best used with

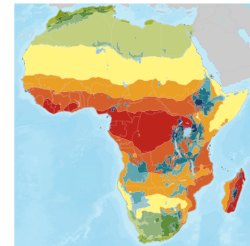
- [Six Steps to Cassava Weed Management >](#)

Tested/adopted in



Where it can be used

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



Target groups



**AKILIMO**

<https://e-catalogs.taatafrica.org/org/technologies/akilimo-digital-decision-support-tool>

Last updated on 21 March 2025, printed on 21 March 2025

Enquiries [e-catalogs@taatafrica](mailto:e-catalogs@taatafrica)