

# Cassava Seed Field Multiplication Protocol

From planting to certification—seed production made simple.



The Field-Based Propagation of Cassava approach accelerates the production of disease-free, high-quality cassava seeds, improving yields and food security. Development partners can help scale this solution to strengthen agricultural systems and ensure seed availability with SeedTracker certification.

This technology is **pre-validated**.

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

Gender assessment **4**

Climate impact **5**

## Problem

- **Limited seed availability:** Farmers in developing regions struggle to access high-quality cassava seeds.
- **Slow adoption of innovations:** Traditional methods delay the multiplication and distribution of disease-free seeds.
- **Poor seed quality:** Lack of standardization and quality control in cassava seed production hinders agricultural growth.

## Solution

- **Scalable solution:** Supports rapid multiplication of disease-free, high-quality cassava seeds with SAH plantlets and pencil stems.
- **Strengthening agricultural systems:** Ensures access to certified, traceable seeds, improving yields and food security.
- **Support for scaling:** Development partners can help scale this approach through funding and expertise, integrating **SeedTracker** for certification and monitoring.

## Key points to design your program

Development partners provide technical support, funding, and help scale the technology.

### Key Elements:

- Offer training on **SeedTracker** and pest management tools like **PlantVillage Nuru**.
- Establish monitoring and evaluation systems for tracking seed quality.
- Help build market linkages between seed producers and local markets.
- Fund infrastructure projects like irrigation systems for seed production.
- Ensure long-term sustainability by supporting business models for seed producers.

**1,864 USD/ha**

Production Cost

**3,316 USD/ha**

Revenue

**77.88 %**

ROI



No formal IP rights

**IITA**  
Elohor Mercy Diebiru-Ojo

Commodities

Cassava

Sustainable Development Goals



Categories

Pre-production, Practices, Seed system

Best used with

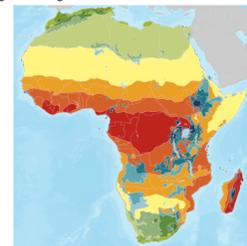
- [Semi Autotrophic Hydroponics for Cassava Multiplication](#)
- [Early Generation Seed Production of Cassava](#)

Tested/adopted in



Where it can be used

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



Target groups



Cassava Seed Field Multiplication Protocol

https://taat.africa/qur

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