

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.



Commodities

Cassava

Sustainable Development Goals



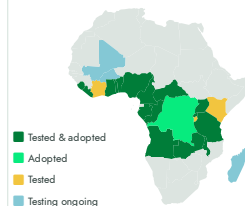
Categories

Pre-production, Practices, Seed system

Best used with

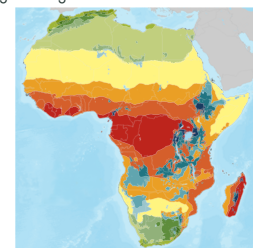
- [Semi Autotrophic Hydroponics for Cassava Multiplication](#)
- [Early Generation Seed Production of Cassava](#)

Tested/adopted in



Where it can be used

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



Target groups

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



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<https://taat.africa/qur>

Last updated on 27 May 2025, printed on 27 May 2025

Enquiries e.catalogs@taat.africa