

Cassava EGS Model: Early Generation Seed Production of Cassava

Breeder & Foundation Cassava Seeds—Always Within Reach

The Cassava EGS Model builds reliable, certified seed systems by linking research centers to seed producers. It ensures clean cassava seeds reach farmers at scale, speeds up the adoption of improved varieties, and simplifies monitoring and reporting for development projects.



IITA
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Commodities
Cassava

Sustainable Development Goals



Categories

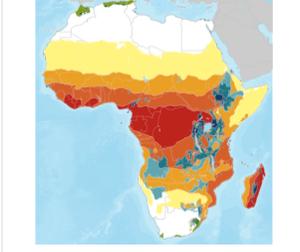
Pre-production, Practices, Seed system

Tested/adopted in



Where it can be used

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



Target groups

Breeders, Development institutions, Farmers, Governments, Seed companies, Researcher center

This technology is **pre-validated**. Scaling readiness: idea maturity 9/9; level of use 9/9

Gender assessment 4

Climate impact 6

Problem

- Limited Lasting Access:** Projects struggle to ensure ongoing quality seed supply for communities.
- Small-Scale Impact:** Seed interventions often do not reach enough farmers.
- Poor Tracking:** Difficult to monitor seed distribution and results.
- Slow Uptake of New Varieties:** Improved seeds reach farmers too slowly.

Solution

- Reliable Seed Supply:** Ensures communities get clean cassava seeds long-term.
- Scalable Distribution:** Supports large-scale reach to more farmers.
- Easy Monitoring:** Certified systems simplify tracking and reporting.
- Faster Variety Adoption:** Speeds up delivery of improved seeds to the field.

Key points to design your program

The Cassava EGS Model helps build sustainable seed systems, not one-time seed giveaways. Here's what to consider:

- Focus on long-term seed system development, not free seed distribution.
- Secure breeder seed early through research partnerships.
- Set up multiplication fields and build local capacity.
- Involve the national seed authority for certification and inspections.
- Use digital tools like SeedTracker for traceability and reporting.
- Start in regions with high cassava demand or processing potential.
- Budget for farmer awareness and demand creation.
- Promote climate-resilient and biofortified varieties.
- Plan for at least two seasons to see results.
- Contact **IITA GoSeed** for technical support and field experience.

1,753.20 USD Production Cost/ hectare for seed companies	82 % Return on investment / year for seed companies
3,195 USD Revenue/hectare for seed companies	IP No formal IP rights

