

Improved cassava varieties Cassava varieties with high dry matter and starch content

Enhancing cassava yields and quality for greater food security in Africa.

This technology involves improved varieties of cassava with enhanced dry matter content. Through conventional breeding and other methods, these cassava varieties have been developed. These high-quality roots are well-suited to the needs of farmers and various industrial processes.



International Institute of Tropical Agriculture (IITA)
Elizabeth Parkes

Technology originally documented by

ProPAS

Commodities

Cassava

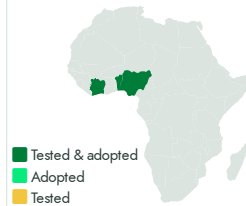
Sustainable Development Goals



Categories

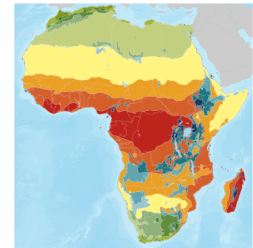
Production, Improved varieties,
Yield improvement, Quality improvement

Tested/adopted in



Where it can be used

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



Target groups

Farmers

✓ This technology is **TAAT1 validated**.

8•8



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

Gender assessment 4

Climate impact 5

Problem

- Low dry matter and starch content in common cassava varieties
- Challenges in achieving higher economic yields from cassava cultivation
- Reduced food security and income for small-scale farmers due to suboptimal cassava varieties.

Solution

- Selective breeding for superior roots with increased dry matter and starch content.
- Versatile applications: Flour, starch, and industrial uses.
- Beneficial for small-scale farmers and agri-businesses.

Key points to design your project

The cassava varieties with high dry matter and starch content technology significantly contribute to sustainable development. To integrate this technology into your project,

- Focus on identifying or developing suitable cassava varieties,
- Estimate the quantity of cassava roots needed, including delivery costs.
- Consider a team of trainers for support and develop communication materials.

Cost: \$\$\$

ROI: \$\$\$



Plant variety protection



Improved cassava varieties

<https://e-catalogs.taatafrica.org/gov/technologies/improved-cassava-varieties-cassava-varieties-with-high-dry-matter-and-starch-content>

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Enquiries techs@taatafrica.org