

“Six Steps” cassava weed management

Weed-free Fields, Bountiful Yields!

The “Six Steps Cassava Weed Management” technology is a holistic solution to weed problems in Sub-Saharan Africa’s cassava fields. It provides a decision-making framework for farmers to effectively control weeds, leading to higher cassava yields. This adaptable method caters to diverse farming conditions, enhancing cassava productivity and regional food security.



Overview of 6-step approach practices



International Institute of Tropical Agriculture (IITA)
Friday Ekeleme

Technology originally documented by

ProPAS

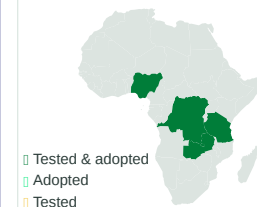
Commodities

Cassava

Categories

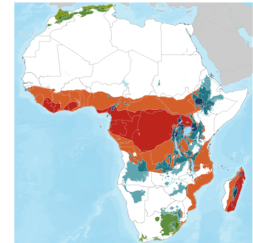
Production, Practices,
Weed management

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**.

6•7



Scaling readiness: idea maturity 6/9; level of use 7/9

Gender assessment

Climate impact

Problem

- **Weed Encroachment:** Cassava fields in Sub-Saharan Africa are frequently overrun by weeds due to inadequate and untimely control measures.
- **Slow Canopy Development:** The growth pattern of cassava makes it vulnerable to weed encroachment in the early weeks of cultivation.
- **Nutrient and Water Competition:** Abundant weeds consume significant nutrients and water, drastically reducing cassava yield.

Solution

- **Improved Yield:** It enables farmers to significantly increase cassava yields by managing weeds effectively.
- **Comprehensive Approach:** It provides a holistic strategy for weed control, including site selection, weed identification, and herbicide application.
- **Resource-Friendly:** The technology is accessible to small-scale farmers, requiring only simple and cost-effective equipment and herbicides.

30–50 %

Root yield increased



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<http://taatdb-web/org/technologies/six-steps-cassava-weed-management>

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