



Mechanized Cassava Planting and Harvesting

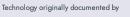
Empowering Cassava Farmers: More Yield, Less Labor, Better Quality

Mechanized cassava planting and harvesting technology is a specialized equipment of two-row planters and harvesters, typically operated by tractors. This technology improves the efficiency of cassava farming by reducing labor requirements.





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ProPAS

Commodities

Sustainable Development Goals







Categories

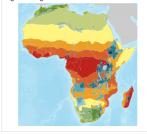
Production, Equipment, Mechanized farming

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**.

8.7

Gender assessment



Climate impact



Problem

- Low cassava yields (10 t/ha) compared to global competitiveness (minimum expected yield of 25
- · Labour-intensive and time-consuming planting and harvesting operations.
- · Lack of mechanization and use of modern agricultural technologies in cassava production.

Solution

- Increase productivity and efficiency in cassava farming. The yield from mechanically managed farm could increase by 38% over the yield in the manually managed farm.
- Reduce production costs associated with manual
- Improve competitiveness of the cassava sub-sector by enhancing productivity and reducing costs through mechanized operations.

50 %

367 usp

Mechanical cassava production

Reduced of manual cost operation

13 USD/ha

25 USD/ha

 \bigcirc_{IP}

Cost of mechanized planting

Cost of mechanized harvesting

Open source / open access