

# Equipment for feed production: Cassava Peels for Animal Feed Production

Affordable animal feed for breeders

This technology streamlines the conversion of cassava peels into animal feed, reducing labor costs and drying times while extending shelf life. It tackles environmental issues caused by excess cassava peels and provides a sustainable solution by utilizing them as valuable animal feed and fiber sources.

This technology is **TAAT1 validated**.
 
**7·7**
 Scaling readiness: idea maturity 7/9; level of use 7/9

Gender assessment **4**

Climate impact **7**

### Problem

- Cassava processing generates large peel quantities, leading to environmental issues through dumping and burning.
- Despite their potential as animal feed, peels remain underused due to drying constraints, aflatoxin risk, and poor storability.
- African communities face shortages of nutritious animal feeds, impacting livestock and fish rearing.

### Solution

- Converts cassava peels into animal feed efficiently, reducing costs and extending shelf life.
- Ensures animal and consumer health by preventing harmful substances in the final product.
- Promotes rural job opportunities and business growth.
- Offers cost-effective and nutritious alternatives to traditional feed sources like maize and wheat.

### Key points to design your project

The use of cassava peels for animal feed production empowers women in rural areas by providing income opportunities and reduces climate impact by minimizing waste and greenhouse gas emissions. This aligns with Sustainable Development Goals (SDGs) related to sustainable agriculture, gender equality, responsible consumption and production, and climate action.

To incorporate cassava peel animal feed production into a project, consider activities like raising awareness, identifying suitable equipment, developing operating protocols, and inventorying cassava peel sources. Training and support from a dedicated team are essential, along with communication materials for technology promotion. Accompanying solutions include mechanized drying of cassava using flash or pneumatic dryers.

<b>3,400 USD</b>				
The base equipment required for small-scale processing of cassava peels into animal feeds				
<b>1,000 USD</b>	<b>600 USD</b>	<b>850 USD</b>	<b>400 USD</b>	<b>IP</b>
Cost of a motorized grater	Cost of a press with hydraulic jack	Cost of a motorized pulverize	Cost of a mechanical sieve	Open source / open access

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Technology from **ProPAS**

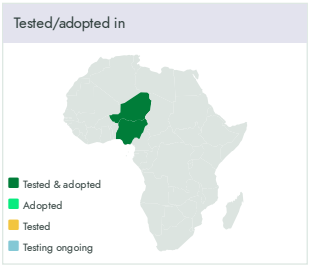
Commodities  
Cassava

Sustainable Development Goals

Categories  
Transformation, Equipment, Animal feed production

Best used with  

- [Pneumatic Cassava Dryers >](#)



Where it can be used

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

