Cut-and-Carry Fodder Systems

Low-cost fodder system for small livestock

"Cut-and-Carry Fodder Systems" technology delivers fresh feed directly to confined livestock, replacing traditional grazing. It involves daily harvesting and distributing feed, suitable for dairy cattle, goats, and sheep, particularly in areas with limited feed resources.

International Livestock Research Institute (ILRI)
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This technology is TAAT1 validated.

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

Gender assessment 4

Climate impact 6

Problem

- Feed wastage in free-grazing systems due to trampling, contamination, and inefficient utilization.
- Traditional grazing results in delayed livestock fattening and longer timeframes for returns on investment, particularly after weaning.
- Underutilization of valuable resources like crop residues and seasonal vegetation in traditional grazing methods.

Solution

- Efficiently utilizes crop residues and seasonal vegetation, preventing wastage.
- Facilitates the collection and use of manure for enhanced soil fertility and productivity.
- Allows for both zero-grazing and partial confinement, offering flexibility in grazing practices.

Key points to design your project

Steps to integrate the technology into your project:

- Ensure availability of sufficient vegetation.
- Prepare for moderate expenses.
- Be prepared for labor-intensive tasks.
- Ensure access to improved breeds.
- Acquire skills in animal diets, health care, and market intelligence.

Consider training and support during project installation, communication support, and collaboration with agricultural development institutes for implementation.

50—100 USD	**20 USD**	**IP**
Feed and water troughs for 20 to 50 animals	Suitable shed per m2	Open source / open access

Technology from

ProPAS

Commodities

Small livestock, Cattle

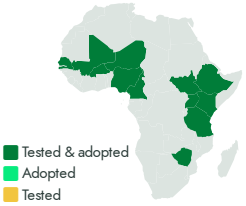
Sustainable Development Goals

13 CLIMATE ACTION · 15 LIFE ON LAND · 2 ZERO HUNGER · 5 GENDER EQUALITY

Categories

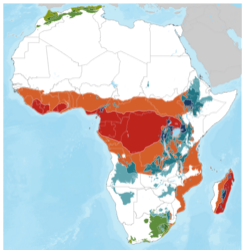
Production, Practices,
Animal feed management

Tested/adopted in



Where it can be used

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



Target groups

Breeders