

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.



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This technology is **TAAT1 validated**.

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

50—100 USD

Feed and water troughs for 20 to 50 animals

20 USD

Suitable shed per m2



Open source / open access

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 business plan

Steps for adoption include ensuring vegetation availability, budgeting for expenses, preparing for labor-intensive tasks, securing access to improved breeds, and acquiring proficiency in animal care and market intelligence.

Cost Structure:

- Shed construction: USD 20 per m2
- Trough fabrication: USD 50 to USD 100
- Raising a young animal: USD 80
- Profitability: Approximately 150% returns over six months.

Gender assessment

Climate impact

Technology from

ProPAS

Commodities

Small livestock, Cattle

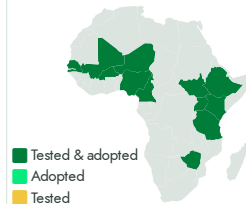
Sustainable Development Goals



Categories

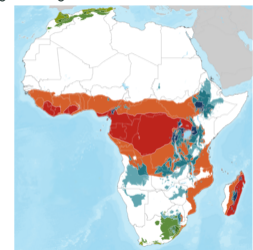
Production, Practices,
Animal feed management

Tested/adopted in



Where it can be used

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



Target groups

Breeders



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<https://e-catalogs.taatafrica.org/com/technologies/cut-and-carry-fodder-systems>

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