

Cut-and-Carry Fodder Systems

Low-cost fodder system for 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

Inclusion assessment

Climate impact

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.

Technology from
ProPAS

Commodities
Small livestock, Cattle

Sustainable Development Goals

Categories
Production, Practices, Animal feed management

Key points to design your program

Cut-and-Carry Fodder Systems can be integrated into livestock development, food security, climate-smart agriculture, and sustainable rangeland management programs to improve livestock productivity, strengthen feed availability, and reduce pressure on grazing lands. Its adoption contributes to **SDGs 2, 5, 13, and 15**. To integrate this technology into your project, plan and budget for the following activities and prerequisites:

- **Facilitate access** to improved forage planting materials, harvesting equipment, and livestock feeding inputs.
- **Establish partnerships** with ILRI, national livestock research and extension services, and producer organizations.
- **Conduct** demonstrations and training on fodder production, feed conservation, and stall-feeding practices, and **monitor** technology adoption, livestock productivity, and forage availability.

Tested/adopted in

Where it can be used

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

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

Target groups
Breeders



Cut-and-Carry Fodder Systems

<https://taat.africa/rcx>

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