

# Fodder system management

Reduced Overgrazing and Rangeland Rehabilitation for small livestock



Grass strips as erosion control structures

Feed wastage occurs in free-grazing systems due to trampling, contamination, and inefficient utilization. Traditional grazing leads to delayed livestock fattening and underutilization of crop residues and seasonal vegetation.



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✓ This technology is **TAAT1 validated**.

7-7



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



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.

Technology from

ProPAS

Commodities

Small livestock, Cattle

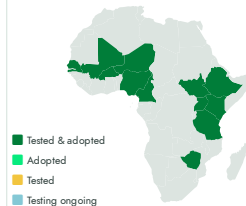
Sustainable Development Goals



Categories

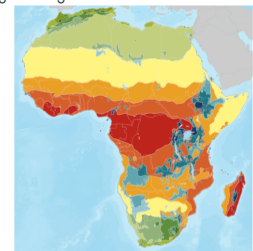
Production, Practices,  
Animal feed management

Tested/adopted in



Where it can be used

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



Target groups

Breeders

## 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.

Inclusion assessment



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Climate impact



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