

# Best practices in pasture management: Pasture Improvement

Revitalize Your Pastures, Sustain Your Livestock

This technology aims to enhance productivity in managed pastures through intensive management practices like fertilization, seeding, and irrigation. It includes controlling weeds, partially disturbing the land, and introducing high-yield grasses and legumes, along with other methods such as planting grazing species in croplands and establishing shrub hedgerows.



**ILRI**  
INTERNATIONAL  
LIVESTOCK RESEARCH  
INSTITUTE

**International Livestock  
Research Institute (ILRI)**  
Tunde Amole

Technology from

[ProPAS](#)

Commodities

Small livestock

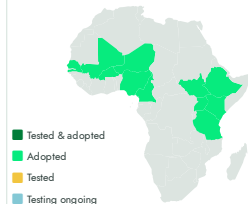
Sustainable Development Goals



Categories

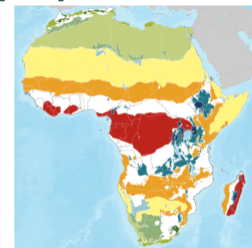
Production, Practices,  
Animal feed management

Tested/adopted in



Where it can be used

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



Target groups

Farmers

✓ This technology is **TAAT1 validated**.

7-8



Scaling readiness: idea maturity  
7/9; level of use 8/9

Gender assessment

4

Climate impact

7

## Problem

- Limited Access to Affordable Feed
- Inefficient Pasture Establishment
- Climate and Region-specific Challenges
- Weed Invasion and Reduced Productivity
- High Costs of Pasture Establishment
- Limited Knowledge Sharing and Accessibility

## Solution

- Provides cost-effective methods for establishing pastures.
- Reduces reliance on expensive purchased feed.
- Equips producers with valuable pasture management skills.
- Advises on suitable species and management practices.
- Tailors advice to the region's climate and conditions.
- Offers strategies for weed management and productivity.

## Key points to design your project

- Steps to incorporate the technology into a project include identifying project needs, conducting training sessions, selecting suitable pasture species and practices, ensuring access to quality seeds and inputs, implementing management practices, and collaborating with stakeholders.
- Budget estimation involves allocating costs across land preparation, weed control, fertilizer, and seed, considering an average cost of USD 400 to 600 per hectare spread over several years.
- Adequate training and post-training support are essential, along with the development of communication materials to promote the technology.
- Collaboration with private seed companies, cooperatives, seed growers, and farmers is crucial for successful technology implementation.

Cost: **\$\$\$ 400—600 USD**

Pasture establishment with improved perennial grasses/ha



Open source / open access



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<https://taat.africa/oes>

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