

Best practices in pasture management Pasture Improvement

Revitalize Your Pastures, Sustain Your Livestock



A pasture planted in Bracharia, a highly productive perennial grass



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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.



This technology is **TAAT1 validated**.

7•8



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

Cost: \$\$ **400—600 USD**

Pasture establishment with improved perennial grasses/ha



Open source / open access

Technology from

ProPAS

Commodities

Small livestock

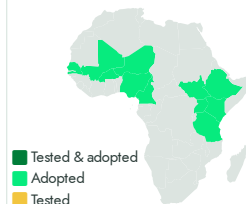
Sustainable Development Goals



Categories

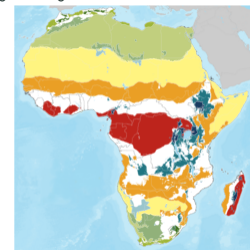
Production, Practices,
Animal feed management

Tested/adopted in



Where it can be used

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



Target groups

Farmers

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 business plan

- Technology enhances pasture productivity, reducing dependence on expensive feed and operational costs.
- Nutrient-rich forage promotes animal health and productivity, while sustainable practices preserve soil health and biodiversity.
- Equipping users with valuable skills opens economic opportunities and ensures long-term agricultural viability.
- Establishment costs range from USD 400 to 600 per hectare, covering land preparation, weed control, fertilizer, and seed expenses spread over several years.
- Operating costs are approximately USD 40 per hectare per year.
- Additional feed value from pasture improvement ranges between USD 150 and 200 per year.
- Typical input rates for seeds are 10 to 25 kg per hectare, and fertilizers are 50 kg per hectare.
- Success story involves *Brachiaria* spp., which increases milk production and weight gain in animals.
- Partnerships with private seed companies, cooperatives, and seed growers are crucial for successful implementation.

Gender assessment



Climate impact





<https://e-catalogs.taatafrica.org/com/technologies/best-practices-in-pasture-management-pasture-improvement>

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