

# Motorized Planter and Fertilizer Applicator (Sénékéla) Mechanized Tillers, Planters and Fertilizer Applicators



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Technology from

ProPAS

Commodities

Sorghum/Millet

Sustainable Development Goals



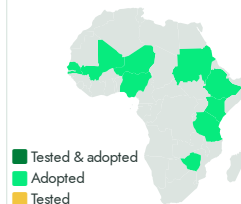
Categories

Production, Equipment, Land preparation

Best used with

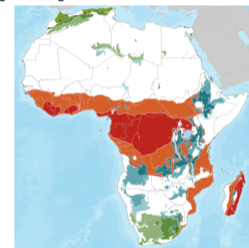
- [Fertilizer Micro-Dosing to Enhance Yield and Use Efficiency >](#)

Tested/adopted in



Where it can be used

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



Make farming easier with planting and fertilizing machines

The motorized planter and fertilizer micro-dose applicator, known as "Sénékéla", provides precise and fast placement of seeds and mineral inputs on prepared soils or ridges. This technology is designed to reduce the workload for millet and sorghum producers.



This technology is **TAAT1 validated**.

8-8



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

**1000 USD**

Unit of Sénékéla



Open source / open access

## Problem

- Preparing the land, planting seeds and adding fertilizer by hand are too hard for farmers.
- It's take a lot of time to do and farmers spend much of money on animals or services to help

## Solution

- Mechanizing farm activities to reduce the physical strain on farmers and lower the costs associated with maintaining animals or hiring services.
- It enables timely and efficient field operations, leading to increased crop productivity and higher profits.

## Key points to design your business plan

The Mechanized Tillers, Planters, and Fertilizer Applicators technology presents opportunities for manufacturers, resellers, and users (farmers) to enhance agricultural efficiency.

For Manufacturers:

- Identify suppliers of raw materials.
- Ensure efficient transportation and storage.
- Evaluate costs and target customers such as resellers, cooperatives, and agricultural associations.

For Resellers:

- Source equipment from reputable manufacturers.
- Arrange efficient transportation and storage.
- Consider costs and target customers like farmers, development projects, and cooperatives.

For Users:

- Utilize mechanized equipment to improve farming.
- Partner with sellers or equipment managers.
- Consider equipment costs and benefits.

Gender assessment



Climate impact





<https://e-catalogs.taat-africa.org/com/technologies/motorized-planter-and-fertilizer-applicator-senekela-mechanized-fillers-planters-and-fertilizer-applicators>  
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