

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

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.



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Technology from

[ProPAS](#)

Commodities

Sorghum/Millet

Sustainable Development Goals



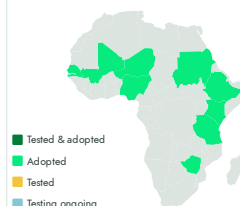
Categories

Production, Equipment, Land preparation

Best used with

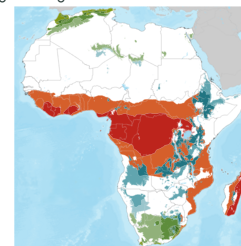
- [Precision Fertilizer Micro-Dosing for Millet and Sorghum Yield Enhancement >](#)

Tested/adopted in



Where it can be used

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



✓ 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 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

4

Climate impact

5



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