

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



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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**.
 8x8
 Scaling readiness: idea maturity 8/9; level of use 8/9

Gender assessment 4

Climate impact 5

Technology originally documented by
ProPAS

Commodities
Sorghum/Millet

Sustainable Development Goals

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.

Categories
Production, Equipment,
Mechanized farming

Best used with

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

1000 USD
Unit of Sénékéla

 IP
Open source / open access

Tested/adopted in

■ Tested & adopted
■ Adopted
■ Tested

Where it can be used

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

