

BM START: Organic Biostimulant for flowering and fruit setting

Improve your performance, Increase your Income

BM START® is a liquid biostimulant made from GoActiv®, a seaweed extract derived from *Ascophyllum nodosum*. It enhances plant growth by promoting chlorophyll synthesis, root development, and enzyme production, leading to improved nutrition and vegetative growth. The technology also stimulates flowering hormones, increasing flower-to-fruit conversion and fruit coloration. B...



NPP Natural Plant Protection by UPL

NPP by UPL
André Monteiro

Commodities

Vegetable crop, Fruits, Other root/tuber, Soybean, nuts

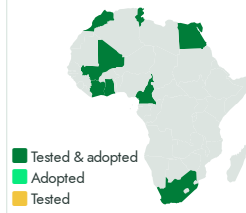
Sustainable Development Goals



Categories

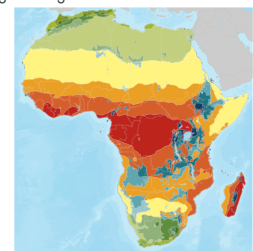
Production, Inputs, Biostimulant

Tested/adopted in



Where it can be used

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



Target groups

Farmers, Sellers

This technology is **pre-validated**.

9-9

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

Cost: **\$12.33 USD**

Initial cost for 1L

ROI: **\$\$\$ 231 %**

Yield increase on mango

3,102.40 USD

Additional revenue per hectare



Patent granted, Copyright

Problem

- Nutrient inefficiency limits plant growth and yield.
- Poor flowering and low fruit set reduce yield potential.
- Abiotic stresses (e.g., temperature fluctuations, water scarcity) impact plant growth and productivity.

Solution

- Enhanced Nutrient Absorption: BM START® boosts chlorophyll synthesis, root development, and enzyme production, promoting faster growth and healthier plants.
- Improved Flowering & Fruit Setting: Stimulates flowering hormones and enhances flower-to-fruit conversion, leading to higher quality and larger harvests.
- Resilience to Abiotic Stress: Strengthens plants' resistance to environmental stress, maintaining yield under challenging conditions.

Key points to design your business plan

BM START® is a biostimulant that boosts plant nutrition, flowering, and crop yields, enhancing food security across various agricultural environments.

For Manufacturers:

- Licensed technology; contact the provider for a production license.
- Ensure reliable sources for raw materials.
- Key customers include wholesalers, agricultural projects, and NGOs.

For Users:

- Priced at 12 USD per liter, offering a 200% ROI.
- Farmers should collaborate with agricultural institutions for effective application and distribution.

Gender assessment 4

Climate impact 2 2



BM START

<https://e-catalogs.taatafrica.org/com/technologies/bm-start-organic-biostimulant-for-flowering-and-fruit-setting>

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