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...

This technology is pre-validated.

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

Gender assessment 4

Climate impact 2 2

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 program

BM START® is a biostimulant that addresses key agricultural challenges, improving nutrient absorption, flowering, and crop growth. It has shown up to 231% yield increase in mango, enhancing food production (SDG 2) and promoting environmental sustainability by reducing water and fertilizer use (SDG 13). The technology also supports gender inclusivity (SDG 5) by simplifying crop management for women and young farmers. It complements sustainable practices, making it ideal for development programs focused on food security, income growth, and sustainability. Partnerships with development institutions can enhance its adoption and impact.

Cost: $$$ **12.33 USD**
Initial cost for 1L

ROI: $$$ **231 %**
Yield increase on mango

3,102.40 USD
Additional revenue per hectare

IP
Patent granted, Copyright

NPP Natural Plant Protection by UPL

NPP by UPL
André Monteiro

Commodities

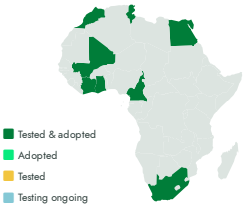
Vegetable crop, Fruits, Other root/tuber, Soybean, nuts

Sustainable Development Goals

Categories

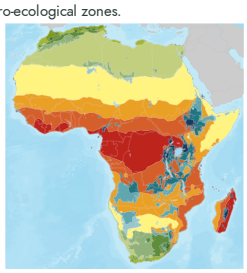
Production, Inputs, Biostimulant

Tested/adopted in



Where it can be used

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



Target groups

Farmers, Sellers