

TOKYO8: Microbial Soil Health Activator for Enhanced Crop Productivity

Activating Soil Life for Sustainable Productivity

Microbial Soil Activator TOKYO8 is a regenerative biostimulant designed to revitalize soil biological processes and support long-term soil restoration of degraded ecosystems. By improving nutrient availability and stimulating biological regulation, the technology strengthens essential soil functions and long-term environmental sustainability. This inclusive solution builds the functional resilience of agricultural landscapes, directly supporting the stability and sustainability of rural livelihoods.



TOKYO8

TAIYO YUKA CO. LTD.

Enora Le Borgne

Commodities

Rice, Maize, Sorghum/Millet, Soybean, Cassava, Sweet Potato, Yam, Potato, Common bean, Wheat, Sesame, Mango, Tomato, Cowpea, Cacao, Bananas & plantains, bean...

+ 13 more

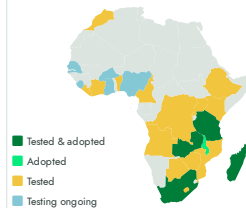
Sustainable Development Goals



Categories

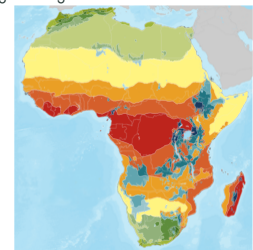
Production, Inputs, Fertilizer, Biostimulant

Tested/adopted in



Where it can be used

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



Target groups

Farmers, Governments, Sellers, Manufacturers

This technology is **pre-validated**.

8-8



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

Inclusion assessment

12

12

12

Climate impact

7

Problem

- **Degraded soils** reduce agricultural productivity and food security.
- **Declining soil health** weakens the resilience of farming communities.
- **Unsustainable farming practices** accelerate land degradation and biodiversity loss.
- **Limited access to sustainable soil restoration solutions** constrains long-term rural development.

Solution

- **Restores degraded soils** through beneficial microbial activity.
- **Rebuilds soil health** by enhancing natural biological processes.
- **Promotes sustainable land restoration** with a 100% organic nature-based solution.
- **Supports resilient agricultural systems** through long-term soil regeneration.

Key points to design your program

TOKYO8 provides a practical nature-based solution to restore degraded soils, strengthen climate resilience, and support sustainable agricultural transformation. By improving soil biological activity and long-term soil fertility, the technology contributes to food security, resilient livelihoods, and **SDGs 2, 8, 12, 13, and 15**. To successfully integrate this technology into development programmes:

- **Target degraded and climate-vulnerable farming systems** where declining soil health limits agricultural productivity and resilience.
- **Integrate TOKYO8** into soil restoration, climate-smart agriculture, regenerative agriculture, and sustainable land management programmes.
- **Build multi-stakeholder partnerships** with extension services, research institutions, farmer organizations, community-based organizations, and the technology provider to strengthen implementation and knowledge sharing.
- **Promote inclusive and sustainable delivery** by supporting women, youth, and smallholder farmers while leveraging the **TOKYO8 franchise model** to strengthen local production, product accessibility, and long-term programme sustainability.
- **Monitor adoption and programme outcomes** through indicators such as soil health improvement, agricultural productivity, and technology adoption to support scaling and policy engagement.

11250 USD

Cost Per year

108000

USD

Revenue Per year

96750 USD

Net income Per year

860 %

ROI Per year



Trademark



TOKYO8

<https://taat.africa/eyd>

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