

# Specialty Fertilizers and Local Blending for Banana and Plantain

Fertilize for Success: Banana & Plantain Boost

The technology of Specialty Fertilizers and Local Blending for Banana and Plantain involves creating tailored fertilizer blends to enhance banana and plantain yield in Sub-Saharan Africa. It adapts to soil characteristics, improves crop resilience, and increases productivity and nutritional value. It's a cost-effective solution for farmers.



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Technology originally documented by

ProPAS

Commodities

Banana/Plantain

Sustainable Development Goals



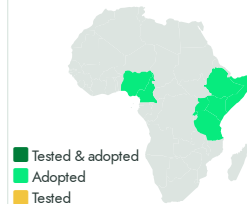
Categories

Production, Inputs, Fertilizer

Best used with

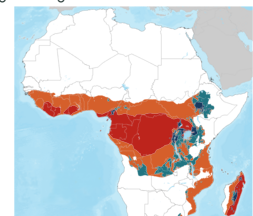
- [Improved Varieties of Plantain for Tropical Lowlands >](#)
- [Improved Varieties of Banana for the African Highlands >](#)

Tested/adopted in



Where it can be used

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



This technology is **TAAT1 validated**.

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

Gender assessment **4**

Climate impact **7**

**Problem**

- **Nutrient Deficiency:** Poor soil nutrients lead to low crop yields.
- **Environmental Stresses:** Crops are vulnerable to drought, pests, and diseases.
- **Climate Change:** Drought due to climate change affects crop health and productivity.

**Solution**

- **Nutrient Supply:** Provides balanced nutrients, improving crop growth and yield.
- **Crop Resilience:** Strengthens crop resilience to environmental stresses.
- **Climate Adaptability:** Helps crops withstand impacts of climate change.

**6 ton/ha** yield increase **IP** Open source / open access



Specialty Fertilizers and Local Blending for Banana and Plantain  
<https://e-catalogs.taatafrica.org/org/technologies/specialty-fertilizers-and-local-blending-for-banana-and-plantain>

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