KABANA 6H/NARITA7 hybrid: High yielding and disease tolerant banana

long lasting banana nicknamed 'kiwangazi' by farmers.

The KABANA 6H/NARITA7 banana hybrid is a high-yielding variety resistant to black Sigatoka, banana weevils, and nematodes. It can produce 57.7 kg per bunch with a potential yield of 60 tons/ha/year. Developed by IITA and NARO, it's a practical solution for farmers, particularly in Uganda, enhancing plantation longevity and economic return.

International Institute of Tropical Agriculture (IITA) and NARO
Michael Batte

This technology is validated.

9·8 Scaling readiness: idea maturity 9/9; level of use8/9

Project adoption 1

Technology integrated in the ENSURE project.

57.7 kg per bunch	**60** tons/ha/year	IP
Real-life yield	Potential yield	Plant variety protection

Problem

- Declining yields: Low productivity reduces banana supply.
- Disease damage: Black Sigatoka reduces banana productivity.
- Pest damage: Weevils and nematodes damage banana plants.
- Short plantation lifespan: Pest and disease pressure reduces productive years.
- Economic losses: Low productivity reduces farm returns.

Solution

- Higher yields: KABANA 6H/NARITA7 produces up to 60 t/ha/year.
- Disease tolerance: It tolerates Black Sigatoka.
- Pest resistance: It resists weevils and nematodes.
- Longer plantation life: Resistance extends productive plantation life.
- Higher returns: The profile reports USD 4,800/ha/year in potential economic returns.

Key points to design your business plan

For Seed Multipliers

- Multiply KABANA 6H/NARITA7 seeds to enhance yields, food security, and reduce poverty.
- Source seeds from Uganda, Kenya, Tanzania.
- Potential customers: wholesale distributors, development projects, government agencies, NGOs.

For Users

- Use KABANA 6H/NARITA7 to improve yields and enhance food security.
- Source from sellers of KABANA 6H/NARITA7.
- Estimate profit from using this product.

Inclusion assessment 4

Climate impact 4

Commodities

Bananas & plantains

Sustainable Development Goals

1 NO POVERTY

2 ZERO HUNGER

Categories

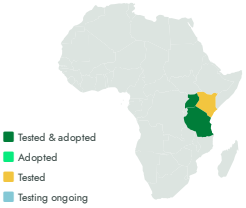
Production, Improved varieties, Disease resistance, Yield improvement

Best used with

Propagation of Banana and Plantain Disease-Cleaned Suckers, Intercropping Strategies for Banana and Plantain, Spacing and Stand Management in Banana and Plantain, Value...

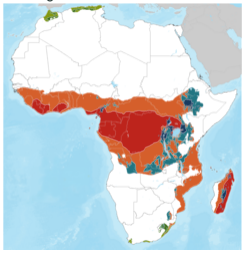
See all 5 technologies online

Tested/adopted in



Where it can be used

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



Target groups

Breeders, Farmers, Governments, Seed companies, Sellers