KABAMANOJ F1 Orange maize hybrid

Unleashing the Power of High-Yielding Orange Maize Across Africa!

The new maize variety KABAMANOJ F1 addresses challenges like drought, diseases, and climate change effects. With its short cycle of 80 to 100 days, it matures early, increasing resilience to tough climatic conditions. Registered with ECOWAS, it adapts well to the African climate, offering significant potential for food security and agricultural sustainability.

UPL
Florent Clair

This technology is pre-validated.

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

Cost: $$$ **110 USD/ha**
Seed cost

170 USD/ha	**560 USD/ha**	**IP**
Operation cost	Benefit	Unknown

Problem

- Increased frequency and severity of droughts impacting maize growth.
- Inadequate agricultural practices leading to suboptimal productivity.
- Limited access to high-yielding maize varieties.
- Extended growth cycles delaying harvest and affecting overall efficiency.
- Vulnerability to pests such as stem borers and diseases like maize streak virus.

Solution

- Short maturation period (80-100 days) addresses long maturity challenge.
- High yields (up to 10 tonnes/ha); substantial cob weight (160 g) and optimal cob length (26 cm) combat poor yield.
- Excellent resistance to drought and diseases mitigates climate-related challenges.
- Protein-rich content enhances nutritional value; specifically adapted to African climate for climate change resilience.

Key points to design your business plan

For Seed Multipliers:

- Foundation or Registered Seed is crucial for effective seed multiplication, with no requirement for a licensing purchase.
- Potential customers include wholesale distributors, development projects, government agencies, and NGOs, emphasizing the importance of strong partnerships with distributor networks.

For Users:

- The cost structure involves a fixed price of 110 USD/ha for Kabamanoj F1 Orange Maize seeds.
- Consideration of delivery costs and import duties from Kenya is necessary.
- Estimating the profitability gained from implementing the technology is essential for users.

Gender assessment 4

Climate impact 5 1

Commodities

Maize

Sustainable Development Goals

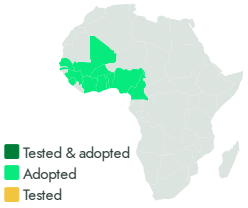
2 ZERO HUNGER

3 GOOD HEALTH AND WELL-BEING

Categories

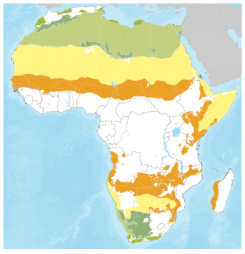
Production, Improved varieties, Yield improvement, Drought tolerance

Tested/adopted in



Where it can be used

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



Target groups

Farmers, Seed companies