

# ORYLUX varieties: Aromatic Rice for Africa

Local African aromatic rice



**AfricaRice**

**Africa Rice Center**  
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Technology from

ProPAS

Commodities

Rice

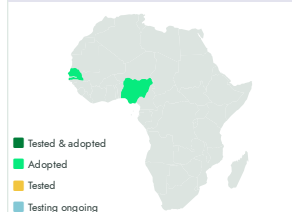
Sustainable Development Goals



Categories

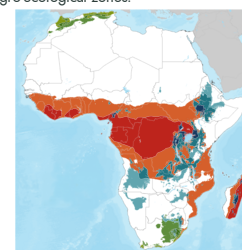
Production, Improved varieties,  
Quality improvement

Tested/adopted in



Where it can be used

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



Target groups

Farmers, Seed companies, Sellers

✓ This technology is **TAAT1 validated**.

7-7



Scaling readiness: idea maturity  
7/9; level of use 7/9

Gender assessment

4

Climate impact

2

## Problem

- Low production of aromatic rice in Sub-Saharan Africa (SSA)
- High dependence on imports from Asia
- Limited access of farmers to seeds suited to prevalent growing conditions
- Lack of aromatic rice varieties adapted to SSA's conditions
- Need to improve yields, quality, and resistance of rice crops
- Insufficient connections between stakeholders for commercialization

## Solution

- Development of aromatic rice varieties tailored to SSA's agroecosystems
- Crossbreeding with elite lines to maintain high yields and beneficial traits
- Utilization of genetic mapping and molecular tools for faster breeding
- Dissemination of ORYLUX seeds in local markets to increase availability
- Establishment of connections between farmers, processors, and consumers for value maximization

## Key points to design your program

ORYLUX, developed by AfricaRice, is a premium-quality, aromatic rice variety designed:

- To improve local competitiveness in high-value markets with yields of 6.5 t/ha in rainfed lowland and a short 100-day maturity. Supporting food security and climate resilience,
- ORYLUX aligns with SDGs 2, 8, and 13. Integrated into the Rice Innovation Toolkit, it enhances sustainability and profitability for African rice farmers

Cost: \$\$\$ **1,3 USD**

A Seed cost per kg

**10—12 Kg**  
per Ha

Planting densities

**51 USD per Ha**

Labour costs for  
planting

**105 USD per**  
Ha

Fertilizer inputs

**200 USD per**  
Ha

Harvesting and  
winnowing of grain



Unknown



ORYLUX varieties

<https://taat.africa/wew>

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