

ORYLUX varieties: Aromatic Rice for Africa



AfricaRice

Africa Rice Center
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Local African aromatic rice

This technology is all about growing special types of delicious-smelling rice in Africa. These rice varieties are designed to grow well in African conditions. They taste really good and are in high demand. Right now, not enough of this rice is grown in Africa, so a lot of it has to be imported.

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

Technology from

ProPAS

Commodities

Rice

Sustainable Development Goals



Categories

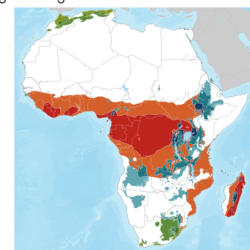
Production, Improved varieties, Quality improvement

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

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

IP

Unknown



ORYLUX varieties

<https://e-catalogs.taatafrica.org/org/technologies/orylux-varieties-aromatic-rice-for-africa>

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