

ORYLUX varieties: Aromatic Rice for Africa

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.



AfricaRice

Africa Rice Center
Sali Atanga Ndindeng

Technology from

[ProPAS](#)

Commodities

Rice

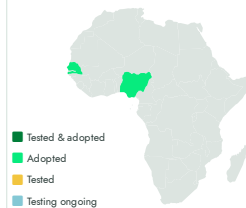
Sustainable Development Goals



Categories

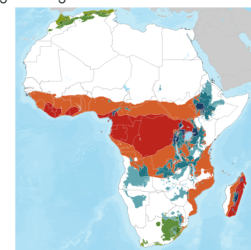
Production, Improved varieties,
Quality improvement

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**.



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

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

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 business plan

- Seed multipliers should acquire Foundation or Registered Seed and obtain certificates for propagating ORYLUX varieties.
- Wholesale distributors are key partners for reaching customers effectively.

Gender assessment



Climate impact



ORYLUX varieties

<https://taat.africa/yxv>

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