

## TAAT e-catalog for private sector

# for Africa





Africa Rice Center

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Technology from

**ProPAS** 

Commodities

Rice

Sustainable Development Goals









Categories





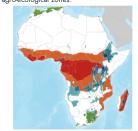
Production, Improved varieties,

Quality improvement



#### Where it can be used

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



Target groups

Farmers, Seed companies, Sellers

# **ORYLUX** varieties: Aromatic Rice

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

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

A Seed cost per kg

10—12 κg per Ha

Planting densities

51 USD per Ha Labour costs for

planting

105 USD per

200 USD per Ha

OIP Unknown

Fertilizer inputs

Harvesting and winnowing of grain

### **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
- Need to improve yields, quality, and resistance of
- 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

