

# AROMATIC RICE FOR AFRICA (ORYLUX VARIETIES)

Local African aromatic rice

## TECHNOLOGY / SOLUTION



Aromatic Rice for Africa is a set of six varieties (ORYLUX 1 to 6) for use in the agro-ecosystems of sub-Saharan Africa. Its non-chalky, translucent, slender and aromatic grains, as well as its early maturation characteristics, rival high quality rice from other regions of the world. It is highly valued for its aroma, excellent grain quality and taste and has strong commercial potential.

ORYLUX 1 yields 8 tons/ha (in irrigated ecology) and ORYLUX 6 yields 6.5 t/ha in rainfed plains. ORYLUX 6 also offers the possibility of a two harvest s per year, with a maturity of about 100 days. Both varieties are fairly tolerant to dominant diseases, insect and nematode rice pests.



## PROBLEM / ISSUE SOLVED

- SSA consumer demand for aromatic rice currently outstrips supply
- High dependency on rice imported from Asia
- Limited farmer access to aromatic rice varieties seeds especially adapted to current growing conditions which have changed owing to climate change



**GOOD FOR**  
 Seed growers  
 Small-scale farmers  
 Commercial farmers

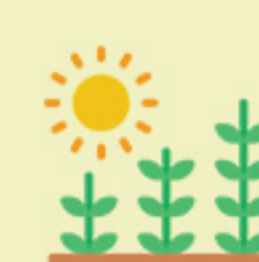


## BENEFITS

- ✓ ORYLUX varieties have high yield potential, and moderate to high resistance to widespread microbial diseases, and pests
- ✓ The varieties already has the potential to improve the rice productivity of several million African households
- ✓ They include the preferences (tast, form, color) of West Africa's fast-growing consumers of aromatic rice, located in urban households
- ✓ They fetch a higher price than common varieties thus offering farmers a greater return on investment



**High yield and aromatic**  
 Speciality



**Rice**  
 Commodity



**US\$1.3 / Kg** (seed purchase price)  
**US\$356 / ha** (Planting, maintenance, harvesting and winnowing)  
 Initial investment



**30 - 80%**  
 (Internal Return Rate)  
 Return on investment

ALREADY IN USE IN



Sub-Saharan Africa

## HOW DOES IT WORK?

ORYLUX varieties are cultivated in the same way as any type of rice. Manually or mechanically planted by sowing seed at the planting densities of 10 - 12 kg rice seed per ha.

Mineral fertilizer and animal manure applied at recommended dosage. Soil water contents are managed through construction of low embankments around paddies, and weed control is through manual removal, mulching and chemical agents.

