

CROP VARIETIES Released under the Agricultural Productivity Programme for Southern Africa (APPSA) - MOZAMBIQUE



Background

- » Led by Mozambique, which is the Rice Regional Centre of Leadership (RCoL), the rice research teams from Malawi, Mozambique and Zambia identified the following Crop improvement thematic areas for regional research collaboration:
 - Breeding of varieties for:
 - (i) cooking qualities demanded by the local and regional market (aromatic, long grain, translucent, intermediate amylase content, high head rice recovery);
 - (ii) use in intensive production systems;
 - (iii) hybrids for commercial farming;
 - (iv) tolerance to diverse biotic and abiotic factors (pests and diseases, water stress, thermal regime, salinity/sodicity and other toxicities) and adapted to climatic change.
- » In addition to releasing new rice varieties, Mozambique also released improved legume, maize and sorghum varieties



40.9% Protein

20.5% Oil

VAVA
2.6 T ha-1

112 dys to
maturity
43.6% Protein
19.4% Oil

BRS 257 2.3 T ha⁻¹ 100 dys to maturity 43% Protein 21.5% Oil

Soybean Varieties

BRS GO 8360
2.2 T ha-1

III dys to
maturity

2.5 T ha-1
90 -110 days to maturity
Spanish type
Tolerant to drought, aphids & rosette

AMENA
2 T ha-1
90 -100 days to
maturity
Valencia type
Tolerant to drought,
aphids & rosette

MAPUPULO
2 T ha-1
90 -100 days to
maturity
Spanish type
Tolerant to drought,
aphids & rosette

Groundnut Varieties



36.6% Protein

23.6% Oil

SHMOZ 103
6 T ha-1
135 days to
maturity
White grain
Tolerant to drought
Stays green

SHMOZ 138 6 T ha-1 130 days to maturity White grain Stays green

Sorghum Varieties



DIBE 5 T ha⁻¹ 120 days to maturity OPV, grain flint Tolerant to Striga

4 T ha-1
20 days to
maturity
DPV, grain semi
lint
Tolerant to Striga

NDENIA

Maize Varieties

GUNZUANE
3.6 T ha-1
90 days to
maturity
OPV, grain flint
Tolerant to Striga



MOCUBA 6.5 T ha-1 140 — 150 dys to maturity Aromatic, Brown grain, Milling yield 74.4%; Tolerant to burning rice (Pyricularia grisea) & brown spot

Rice Varieties





