



National Agricultural Research Institute

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Fibreless Mango Varieties introduced from Overseas



NARI TOKTOK
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Introduction

Mango is a lowland tropical fruit that grows and bears well from sea level to about 1100m above sea level. It grows on a wide range of soils but prefer deep well drained soil with water table no higher than 2.5m. Generally mango requires a dry season of at least 3 months for flowering to complete and set fruit. Too much rain during flowering stage will encourage flower abortion.

Varieties

The fibreless mango varieties originated from different countries, were introduced into Papua New Guinea from Queensland, Australia.

All varieties are available at NARI Laloki as Grafted materials or plants.

THE INSTITUTE

The National Agricultural Research Institute (NARI) was established by an Act of National Parliament of Papua New Guinea in July 1996 as a publicly funded, statutory research organisation, to conduct applied and development oriented research on food crops, alternative food and cash crops, livestock and resource management issues. Besides applied and adaptive research, NARI is responsible for providing authoritative technical, analytical and diagnostic services and up-to-date information to the entire agriculture sector in PNG. The major targets are the smallholder semi-commercial farmers in the country.

The mission of NARI is to contribute, through applied research and technical services, to the development of the agriculture sector and realization of the national goals by identifying, adapting and transferring agricultural technologies and information, so as to:

- Enhance the productivity, efficiency and sustainability of the smallholder agriculture, and
- Improve farmer income, food security and welfare of Papua New Guineans and the Nation.

This toktok was written by Kelly Ovia, NARI Dry Lowlands Programme in July 2003.



Grafted Crimson Blush plant with fruits at Dry Lowlands Site, Laloki

Banana Callo

Fruit shape:	Long oblong
Skin colour:	Yellow
Fibre:	Low
Eating quality:	Very good
Average weight:	270 gm
Anthracnose Resistance:	Low



Kensington Pride

Fruit shape: Ovate to slightly oblong
Skin colour: Yellow with pink blush
Fibre: Moderate
Eating quality: Excellent
Average weight: 470gm
Anthracnose resistance: Low



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Glenn

Fruit shape: Oblong, Ovate
Skin Colour: Orange, yellow with pink blush
Fibre: Low
Eating quality: Very good
Average weight: 460gm
Anthracnose resistance: Moderate



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Carabao

Fruit shape: Oblong, rounded base, Apex blunt

Skin colour: Yellow

Fibre: Low

Eating quality: Excellent

Average weight: 240gm

Anthraxnose resistance: Low



Nam-dok-mai

Fruit shape: Ovate to slightly oblong

Skin colour: Yellow to orange yellow

Fibre: Low

Eating quality: Very good

Average weight: 300gm

Anthraxnose resistance: Low



Totapuri

Fruit shape: Banana shape
Skin colour: Green
Fibre: Low
Eating quality: Excellent
Average weight: 580gm
Anthracnose resistance: Moderate



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Irwin

Fruit shape: Ovate to slightly long
Skin colour: Bright red
Fibre: Low
Eating quality: Excellent
Average weight: 330gm
Anthracnose resistance: Low



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