

M-45 at 22g/15L of water  
Remove and destroy diseased seedlings.

**For Older Plants:**

Remove and Destroy diseased plants.



**10. TIME TO MATURITY**

**Bearing:**

**Tall:** - 5-7 years to bear nuts.

**Dwarf:** - 3-4 years to bear nuts.

**Hybrid:-** 3-4 years to bear nuts.

**11. HARVESTING AND STORAGE**

- Pick fruits from the ground at intervals to suit market demand.
- Nuts should be stored in a dry area to avoid early sprouting.
- Can be stored for up to one month before sprouting.

**12. FOOD VALUE**

- Source of Vitamin C, Vitamin B1, B2 and Iron



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Ministry of Agriculture

# COCONUT Leaflet



Farmer's Leaflet 2015

## 1. RECOMMENDED VARIETIES:

*Local Cultivars:*

- a. *Fiji Tall*
- b. *Rotuman Tall*
- c. *Niu Leka*

**Traditional Cultivars:**

- a. *Niu ni magimagi*
- b. *Niu drau*
- c. *Niu Kitu*
- d. *Niu Yabia*

**Introduced Cultivars:**

- a. *Malayan Red Dwarf*
- b. *Malayan Green Dwarf*
- c. *Malayan Yellow Dwarf*

**Hybrids:**

- a. *Malayan Red Dwarf x Rotuman Tall*
- b. *Malayan Yellow Dwarf x Rotuman Tall*

## 2. YIELD

- **Tall:** - 0.7 to 1.3 tonnes/ha



**Hybrid:** - 2-3 tonnes/ha.

## 3. SOIL REQUIREMENTS

Wide range of soil types. Prefers well-drained soil with pH (potential of hydrogen or acidity/alkalinity level) above 4.5. Rich in nutrient such as clay alluvial loamy soils. High organic matter content with Potash and Nitrogen for high yields.

## 4. PLANTING TIME

All year around in wet zone, drought tolerant but requires irrigation.

## 5. SPACING

**Tall:** -160 palms/ha  
-10m x 10m triangular

**Dwarf:** - 9m x 9m (triangular).

**Hybrid:** - 9m x 9m (triangular)  
-198plants/ha

## 6. FERTILISER

To obtain good yields, fertilizer needs to be applied to palms, however the foliar analysis must be carried out to know which nutrient is deficient in the soil.

The following straight fertilizers are applied:

Ammonium

Sulphate and Super Phosphate.

Soil analysis should be done before fertilizer application.

Fertilizer should not be applied when it is too dry.

## 7. WEED CONTROL

Ring weeding manually meter radius around palms for the first 1 to 2 years. Paraquat at 100ml/15L of water (Sold as Gramazone, Agazone & Royal paraquat) Or Glyphosate at 150ml to 200ml/15L of water (Sold as Round up, Champion 450, Rainbow & Rambo)

## 8. INSECT CONTROL

**Rhinoceros beetle** controlled by biological control methods, using virus, fungus and pheromone traps.

**Stick Insect** controlled by cultural methods and parasites.

## 9. DISEASE CONTROL

**Bud-Rot:** The disease affects palms of all ages and varieties of coconut.

**For Seedlings:** Monthly spray with Mancozeb at 50g/15L water or Dithane

