

FarmLens Ltd

Website: farmlens.africa | App: app.farmlens.africa | Headquarters: Nairobi, Kenya



Crop details

Rambutan

Nephelium lappaceum

Family: Sapindaceae

Categories

Fruits & Nuts

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Quick stats

Family	Sapindaceae
Typical harvest	10.0 t/ha
Varieties	1
Pests and diseases	2
Seasons	1

Crop profile

Growth habit	tree
Days to harvest	365
Main uses	Fresh hairy fruit for premium urban and tourist markets.
Pollination	insect
Origin and where it grows	Warm humid coastal and tropical orchard niche crop.

Weather, soil and spacing

Best temperature	22 - 32 °C
Rainfall	800 - 1600 mm/yr
Altitude	0 - 2600 m
Best pH	6 - 7
Soil type	Deep, fertile, well-drained soil with good organic matter.
Row spacing	500 cm
Plant spacing	500 cm
Planting depth	30 cm
Seed rate	kg/ha (check local recommendation)
Nursery days	180

Simple notes for farmers

About the crop: This crop has a growth habit described as "tree". Harvest typically starts about 365 days after planting.

Main use: Farmers mostly grow this crop for fresh hairy fruit for premium urban and tourist markets..

Pollination: Mainly insect; healthy flowers and pollinators improve fruit set.

Where it grows: Warm humid coastal and tropical orchard niche crop.. Grouped under: Fruits & Nuts.

Best climate: 22 - 32 °C; 800 - 1600 mm/yr; up to about 2600 m a.s.l.

Soil: Best at pH 6 - 7; deep, fertile, well-drained soil with good organic matter..

Farmer guide (Mwongozo wa Mkulima)

<u>Planting</u>	Plant healthy Rambutan seedlings or grafted plants at onset of rains in prepared pits.
<u>Transplanting</u>	Handle Rambutan rootballs carefully and water well after planting.
<u>Irrigation</u>	Maintain steady moisture during establishment and fruit development of Rambutan.
<u>Fertigation</u>	Split nutrients through active growth and fruit development in Rambutan.
<u>Pest scouting</u>	Scout Rambutan regularly for fruit flies, scales, borers, and foliar diseases.
<u>Pruning and training</u>	Prune Rambutan to maintain canopy light, height, and sanitation.
<u>Harvest</u>	Harvest Rambutan at the right maturity stage for fresh-market quality.
<u>Postharvest</u>	Keep Rambutan shaded and cool after harvest to preserve market quality.

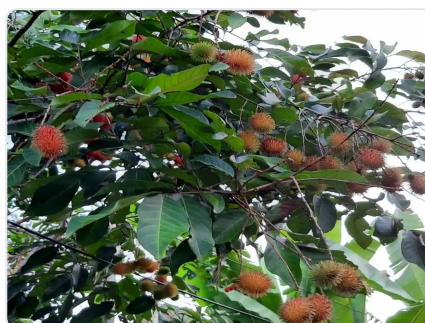
Nutrient schedule (Mbolea kwa Hatua)

<u>#</u>	<u>Stage</u>	<u>DAP</u>	<u>Product</u>	<u>Rate</u>	<u>Targets (kg/ha)</u>	<u>Notes</u>
1	Planting or season start	0	Well-rotted manure	8000 kg/ha	N: N/A, P?O?: N/A, K?O: N/A	Improve rooting environment for Rambutan.
2	Pre-fruiting	90	NPK 17-17-17	200 kg/ha	N: 34, P?O?: 34, K?O: 34	Balanced nutrient support for Rambutan.

Nutrient requirements

<u>Nutrient</u>	<u>Stage</u>	<u>Amount</u>	<u>Unit</u>
N	Basal	40	kg/ha
P?O?	Basal	30	kg/ha
K?O	Basal	40	kg/ha
N	Fruiting	40	kg/ha
K?O	Fruiting	50	kg/ha

Field images



Varieties

<u>Name</u>	<u>Country</u>	<u>Maturity (days)</u>	<u>Traits</u>
Red Rambutan	TZ	365	Premium fresh-eating tropical fruit.

Fertilizer recommendations

<u>Stage</u>	<u>Product</u>	<u>Rate</u>	<u>Notes</u>
Planting	Well-rotted manure	8000	Organic matter for Rambutan establishment.
Pre-fruiting	NPK 17-17-17	200	Balanced fertilizer ahead of major Rambutan crop load.

Pests and diseases

<u>Name</u>	<u>Type</u>	<u>Symptoms</u>	<u>Management</u>
Fruit flies	pest	Stings, larval feeding, and rotting fruits.	Field sanitation, trapping, and timely harvest.
Anthraxnose and fruit rots	disease	Lesions on flowers, leaves, or fruits reducing quality.	Prune for airflow, keep orchards clean, and protect during wet periods.

Yields

<u>System</u>	<u>Typical</u>	<u>Min</u>	<u>Max</u>	<u>Notes</u>
Managed orchard production	10	6	16	Typical orchard yield for Rambutan under practical management.

Season calendars

<u>Country</u>	<u>Region</u>	<u>Planting</u>	<u>Harvest</u>
KE	Managed Orchard Zones	Mar-Apr or Oct-Nov	Depends on variety and agroecology

Region suitability

<u>Country</u>	<u>Region</u>	<u>Suitability</u>
KE	Managed Orchard Zones	Medium

Source: **FarmLens Ltd** - farmlens.africa and app.farmlens.africa. Headquarters: Nairobi, Kenya. This guide was generated from the FarmLens database.