

FarmLens Ltd

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



Crop details

Nectarine

Prunus persica var. nucipersica

Family: Rosaceae

Categories

Fruits & Nuts

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Quick stats

Family	Rosaceae
Typical harvest	11.0 t/ha
Varieties	1
Pests and diseases	2
Seasons	1

Crop profile

Growth habit	tree
Days to harvest	365
Main uses	Smooth-skinned fresh fruit for premium orchard markets.
Pollination	insect
Origin and where it grows	Suitable for cool highland orchards with peach-like management.

Weather, soil and spacing

Best temperature	10 - 24 °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 smooth-skinned fresh fruit for premium orchard markets..

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

Where it grows: Suitable for cool highland orchards with peach-like management.. Grouped under: Fruits & Nuts.

Best climate: 10 - 24 °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 Nectarine seedlings or grafted plants at onset of rains in prepared pits.
<u>Transplanting</u>	Handle Nectarine rootballs carefully and water well after planting.
<u>Irrigation</u>	Maintain steady moisture during establishment and fruit development of Nectarine.
<u>Fertigation</u>	Split nutrients through active growth and fruit development in Nectarine.
<u>Pest scouting</u>	Scout Nectarine regularly for fruit flies, scales, borers, and foliar diseases.
<u>Pruning and training</u>	Prune Nectarine to maintain canopy light, height, and sanitation.
<u>Harvest</u>	Harvest Nectarine at the right maturity stage for fresh-market quality.
<u>Postharvest</u>	Keep Nectarine shaded and cool after harvest to preserve market quality.

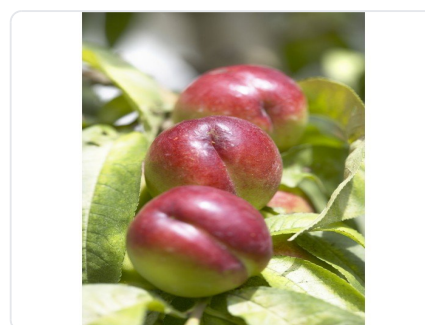
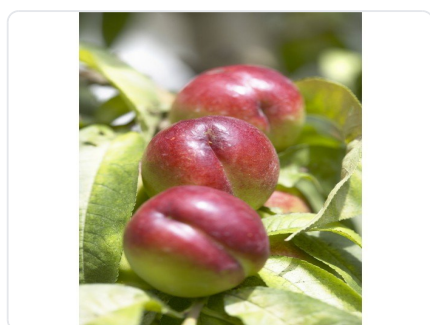
Nutrient schedule (Mbolea kwa Hatua)

<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 Nectarine.
2	Pre-fruiting	90	NPK 17-17-17	200 kg/ha	N: 34, P?O?: 34, K?O: 34	Balanced nutrient support for Nectarine.

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>
Sunred Nectarine	KE	365	Low-chill nectarine for fresh markets.

Fertilizer recommendations

<u>Stage</u>	<u>Product</u>	<u>Rate</u>	<u>Notes</u>
Planting	Well-rotted manure	8000	Organic matter for Nectarine establishment.
Pre-fruiting	NPK 17-17-17	200	Balanced fertilizer ahead of major Nectarine 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	11	6.6	17.6	Typical orchard yield for Nectarine 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.