

## FarmLens Ltd

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



Crop details

### Guava

*Psidium guajava*

Family: Myrtaceae

Categories

Fruits & Nuts

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#### Quick stats

<b>Family</b>	Myrtaceae
<b>Typical harvest</b>	15.0 t/ha
<b>Varieties</b>	1
<b>Pests and diseases</b>	1
<b>Seasons</b>	1

#### Crop profile

<b>Growth habit</b>	perennial
<b>Days to harvest</b>	365+
<b>Main uses</b>	Fruit (fresh/process)
<b>Pollination</b>	insect
<b>Origin and where it grows</b>	Tropical Americas; widely grown

#### Weather, soil and spacing

<b>Best temperature</b>	20 - 30 °C
<b>Rainfall</b>	800 - 1400 mm/yr
<b>Altitude</b>	0 - 1800 m
<b>Best pH</b>	5.5 - 6.8
<b>Soil type</b>	Wide range; best in well-drained loams
<b>Row spacing</b>	600 cm
<b>Plant spacing</b>	600 cm
<b>Planting depth</b>	60 cm
<b>Seed rate</b>	kg/ha (check local recommendation)

#### Simple notes for farmers

**About the crop:** This crop is perennial; once planted it can keep producing for many years. Harvest typically starts about 365+ days after planting.

**Main use:** Farmers mostly grow this crop for fruit (fresh/process).

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

**Where it grows:** Tropical Americas; widely grown. Grouped under: Fruits & Nuts.

**Best climate:** 20 - 30 °C; 800 - 1400 mm/yr; up to about 1800 m a.s.l.

**Soil:** Best at pH 5.5 - 6.8; wide range; best in well-drained loams.

#### Farmer guide (Mwongozo wa Mkulima)

### Nutrient schedule (Mbolea kwa Hatua)

#	Stage	DAP	Product	Rate	Targets (kg/ha)	Notes
1	Establishment	0	NPK 15-15-15	150 kg/ha	N: N/A, P <sub>2</sub> O <sub>5</sub> : N/A, K <sub>2</sub> O: N/A	N/A
2	Fruit set	180	MOP (K <sub>2</sub> O 60%)	100 kg/ha	N: N/A, P <sub>2</sub> O <sub>5</sub> : N/A, K <sub>2</sub> O: N/A	N/A

### Nutrient requirements

Nutrient	Stage	Amount	Unit
N	Basal	40	kg/ha
P <sub>2</sub> O <sub>5</sub>	Basal	30	kg/ha
K <sub>2</sub> O	Basal	60	kg/ha
N	Topdress	40	kg/ha
K <sub>2</sub> O	Topdress	40	kg/ha

### Field images



### Varieties

Name	Country	Maturity (days)	Traits
Apple Guava	KE	540	Sweet; medium fruit

### Pests and diseases

Name	Type	Symptoms	Management
Fruit fly	pest	Larvae in fruit	Baiting; sanitation; bagging

### Yields

System	Typical	Min	Max	Notes
rainfed orchard	15	8	25	

### Season calendars

<u>Country</u>	<u>Region</u>	<u>Planting</u>	<u>Harvest</u>
KE	Low to mid-altitudes	Onset of rains	2–3 flushes/year

### **Region suitability**

<u>Country</u>	<u>Region</u>	<u>Suitability</u>
KE	Low to mid-altitudes	High

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