

# FarmLens Ltd

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



Crop details

## Macadamia nut

*Macadamia integrifolia / tetraphylla*

Family: Proteaceae

Categories

Fruits & Nuts

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### Quick stats

<b>Family</b>	Proteaceae
<b>Typical harvest</b>	2.5 t/ha
<b>Varieties</b>	1
<b>Pests and diseases</b>	1
<b>Seasons</b>	0

### Crop profile

<b>Growth habit</b>	perennial
<b>Days to harvest</b>	365+
<b>Main uses</b>	Nut
<b>Pollination</b>	insect
<b>Origin and where it grows</b>	Australia; grown in E. Africa highlands

### Weather, soil and spacing

<b>Best temperature</b>	16 - 24 °C
<b>Rainfall</b>	1000 - 1600 mm/yr
<b>Altitude</b>	900 - 2000 m
<b>Best pH</b>	5.2 - 6.2
<b>Soil type</b>	Deep, well-drained volcanic loams
<b>Row spacing</b>	800 cm
<b>Plant spacing</b>	800 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 nut.

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

**Where it grows:** Australia; grown in E. Africa highlands. Grouped under: Fruits & Nuts.

**Best climate:** 16 - 24 °C; 1000 - 1600 mm/yr; up to about 2000 m a.s.l.

**Soil:** Best at pH 5.2 - 6.2; deep, well-drained volcanic loams.

### Farmer guide (Mwongozo wa Mkulima)

### Nutrient schedule (Mbolea kwa Hatua)

#	Stage	DAP	Product	Rate	Targets (kg/ha)	Notes
1	Year 1	0	NPK 12-24-12	120 kg/ha	N: N/A, P?O?: N/A, K?O: N/A	N/A
2	Year 2	365	Urea	80 kg/ha	N: N/A, P?O?: N/A, K?O: N/A	N/A

### Nutrient requirements

Nutrient	Stage	Amount	Unit
N	Basal	40	kg/ha
P?O?	Basal	20	kg/ha
K?O	Basal	60	kg/ha
N	Topdress	40	kg/ha

### Field images



### Varieties

Name	Country	Maturity (days)	Traits
EMBRAPA/HAES selection	KE	1460	High kernel recovery

### Pests and diseases

Name	Type	Symptoms	Management
Nut borer	pest	Bored nuts; drop	Sanitation; monitoring

### Yields

System	Typical	Min	Max	Notes
orchard	2.5	1	4	In-shell nuts

### Region suitability

Country	Region	Suitability
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KE	Highlands	High
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Source: **FarmLens Ltd** - farmlens.africa and app.farmlens.africa. Headquarters: Nairobi, Kenya. This guide was generated from the FarmLens database.