

# FarmLens Ltd

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



Crop details

## Ethiopian potato (Plectranthus edulis)

*Plectranthus edulis*

Family: Lamiaceae

Categories

Roots & Tubers

Generated: 2026-04-11 08:17

### Quick stats

<u>Family</u>	Lamiaceae
<u>Typical harvest</u>	8.0 t/ha
<u>Varieties</u>	1
<u>Pests and diseases</u>	1
<u>Seasons</u>	1

### Crop profile

<u>Growth habit</u>	perennial
<u>Days to harvest</u>	200-280
<u>Main uses</u>	Tuber crop
<u>Pollination</u>	insect
<u>Origin and where it grows</u>	Ethiopian highlands

### Weather, soil and spacing

<u>Best temperature</u>	12 - 20 °C
<u>Rainfall</u>	700 - 1000 mm/yr
<u>Altitude</u>	1500 - 3200 m
<u>Best pH</u>	5.2 - 6.2
<u>Soil type</u>	Fertile loam
<u>Row spacing</u>	75 cm
<u>Plant spacing</u>	30 cm
<u>Planting depth</u>	6 cm
<u>Seed rate</u>	1200 kg/ha

### Simple notes for farmers

**About the crop:** This crop is perennial; once planted it can keep producing for many years. Harvest typically starts about 200-280 days after planting.

**Main use:** Farmers mostly grow this crop for tuber crop.

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

**Where it grows:** Ethiopian highlands. Grouped under: Roots & Tubers.

**Best climate:** 12 - 20 °C; 700 - 1000 mm/yr; up to about 3200 m a.s.l.

**Soil:** Best at pH 5.2 - 6.2; fertile loam.

### Farmer guide (Mwongozo wa Mkulima)

## Nutrient schedule (Mbolea kwa Hatua)

#	Stage	DAP	Product	Rate	Targets (kg/ha)	Notes
1	Basal	0	NPK 12-24-12	140 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	Topdress	45	CAN 26% N	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	40	kg/ha
N	Topdress	40	kg/ha

## Field images



## Varieties

Name	Country	Maturity (days)	Traits
Local Plectranthus	ET	240	Cool-season

## Fertilizer recommendations

Stage	Product	Rate	Notes
Basal	NPK 12-24-12	140	

## Pests and diseases

Name	Type	Symptoms	Management
Tuber moth	pest	Tunnels in tubers	Mulch; field sanitation

## Yields

System	Typical	Min	Max	Notes
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rained highland	8	4	12	
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### **Season calendars**

<b><u>Country</u></b>	<b><u>Region</u></b>	<b><u>Planting</u></b>	<b><u>Harvest</u></b>
KE	High altitude	Mar–Apr	Aug–Nov

### **Region suitability**

<b><u>Country</u></b>	<b><u>Region</u></b>	<b><u>Suitability</u></b>
KE	High altitude	High

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