

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: 2026-06-03 12:10

Quick stats

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

Crop profile

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

Weather, soil and spacing

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

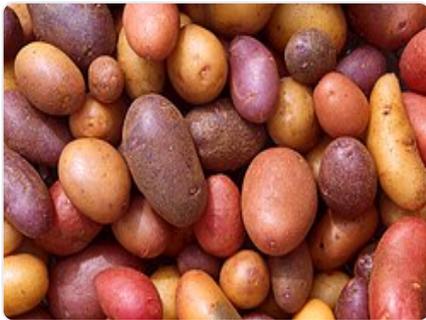
Nutrient schedule (Mbolea kwa Hatua)

#	Stage	DAP	Product	Rate	Targets (kg/ha)	Notes
1	Basal	0	NPK 12-24-12	140 kg/ha	N: N/A, P ₂ O ₅ : N/A, K ₂ O: N/A	N/A
2	Topdress	45	CAN 26% N	100 kg/ha	N: N/A, P ₂ O ₅ : N/A, K ₂ O: N/A	N/A

Nutrient requirements

Nutrient	Stage	Amount	Unit
N	Basal	40	kg/ha
P ₂ O ₅	Basal	30	kg/ha
K ₂ 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

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

Region suitability

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

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