

## FarmLens Ltd

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



Crop details

### Tiger nut (Cyperus esculentus)

*Cyperus esculentus*

Family: Cyperaceae

Categories

Oil & Industrial

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#### Quick stats

<b>Family</b>	Cyperaceae
<b>Typical harvest</b>	5.0 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>	150-240
<b>Main uses</b>	Tuber ("nuts") for food & beverage
<b>Pollination</b>	wind
<b>Origin and where it grows</b>	Africa; Mediterranean; tropics

#### Weather, soil and spacing

<b>Best temperature</b>	20 - 30 °C
<b>Rainfall</b>	600 - 900 mm/yr
<b>Altitude</b>	0 - 1600 m
<b>Best pH</b>	6 - 7.5
<b>Soil type</b>	Sandy loam; loose soil for tubers
<b>Row spacing</b>	60 cm
<b>Plant spacing</b>	20 cm
<b>Planting depth</b>	5 cm
<b>Seed rate</b>	120 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 150-240 days after planting.

**Main use:** Farmers mostly grow this crop for tuber ("nuts") for food & beverage.

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

**Where it grows:** Africa; Mediterranean; tropics. Grouped under: Oil & Industrial.

**Best climate:** 20 - 30 °C; 600 - 900 mm/yr; up to about 1600 m a.s.l.

**Soil:** Best at pH 6 - 7.5; sandy loam; loose soil for tubers.

### 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	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	30	kg/ha
K?O	Basal	40	kg/ha

## Field images



## Varieties

Name	Country	Maturity (days)	Traits
Yellow Tiger Nut	KE	200	Sweet; beverage grade

## Fertilizer recommendations

Stage	Product	Rate	Notes
Basal	NPK 12-24-12	80	

## Pests and diseases

Name	Type	Symptoms	Management
Termites	pest	Tuber damage	Field hygiene; baiting if severe

## Yields

System	Typical	Min	Max	Notes
rainfed	5	2	8	

## Season calendars

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

### **Region suitability**

<u>Country</u>	<u>Region</u>	<u>Suitability</u>
KE	Lowlands	Medium

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Source: **FarmLens Ltd** - [farmlens.africa](http://farmlens.africa) and [app.farmlens.africa](https://app.farmlens.africa). Headquarters: Nairobi, Kenya. This guide was generated from the FarmLens database.