

FarmLens Ltd

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



Crop details

Sage

Salvia officinalis

Family: Lamiaceae

Categories

Vegetables

Spices & Condiments

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Quick stats

Family	Lamiaceae
Typical harvest	5.0 t/ha
Varieties	1
Pests and diseases	2
Seasons	1

Weather, soil and spacing

Best temperature	14 - 24 °C
Rainfall	450 - 800 mm/yr
Altitude	800 - 2800 m
Best pH	6 - 7
Soil type	Fertile well-drained loam rich in organic matter.
Row spacing	35 cm
Plant spacing	20 cm
Planting depth	1.5 cm
Seed rate	3 kg/ha

Crop profile

Growth habit	perennial
Days to harvest	100
Main uses	Leaves for culinary seasoning, tea, and medicinal use.
Pollination	insect
Origin and where it grows	Grows in cool to warm dry herb systems with good drainage.

Simple notes for farmers

About the crop: This crop is perennial; once planted it can keep producing for many years. Harvest typically starts about 100 days after planting.

Main use: Farmers mostly grow this crop for leaves for culinary seasoning, tea, and medicinal use..

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

Where it grows: Grows in cool to warm dry herb systems with good drainage.. Grouped under: Vegetables, Spices & Condiments.

Best climate: 14 - 24 °C; 450 - 800 mm/yr; up to about 2800 m a.s.l.

Soil: Best at pH 6 - 7; fertile well-drained loam rich in organic matter..

Farmer guide (Mwongozo wa Mkulima)

<u>Planting</u>	Establish Sage in a fine weed-free seedbed and keep emergence moisture steady.
<u>Transplanting</u>	Direct seed or transplant depending on production system.
<u>Irrigation</u>	Maintain even soil moisture for steady Sage growth and quality.
<u>Fertigation</u>	Use split nitrogen and potassium for market-quality Sage.
<u>Pest scouting</u>	Scout Sage weekly for chewing pests, sap suckers, and foliar diseases.
<u>Pruning and training</u>	No pruning required unless sanitation or staking is needed.
<u>Harvest</u>	Harvest Sage in the cool hours and handle gently to preserve aroma.
<u>Postharvest</u>	Cool and shade Sage promptly after harvest.

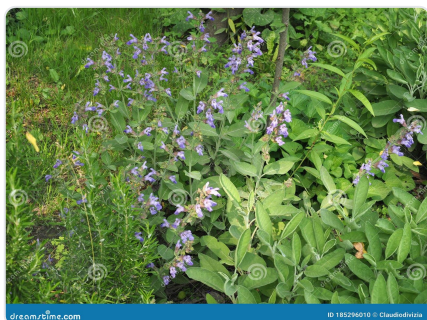
Nutrient schedule (Mbolea kwa Hatua)

#	Stage	DAP	Product	Rate	Targets (kg/ha)	Notes
1	Basal	0	NPK 17-17-17	200 kg/ha	N: 34, P ₂ O ₅ : 34, K ₂ O: 34	Basal fertilizer for Sage.
2	Topdress	21	CAN	100 kg/ha	N: 26, P ₂ O ₅ : N/A, K ₂ O: N/A	Support active Sage vegetative growth.

Nutrient requirements

Nutrient	Stage	Amount	Unit
N	Basal	35	kg/ha
P ₂ O ₅	Basal	30	kg/ha
K ₂ O	Basal	35	kg/ha
N	Topdress	25	kg/ha
K ₂ O	Topdress	20	kg/ha

Field images



Varieties

Name	Country	Maturity (days)	Traits
Common Sage	KE	100	Silver-green aromatic leaves.

Fertilizer recommendations

<u>Stage</u>	<u>Product</u>	<u>Rate</u>	<u>Notes</u>
Planting	Well-rotted manure	5000	Improve soil structure before Sage planting.
Vegetative growth	CAN	100	Split topdress for Sage production.

Pests and diseases

<u>Name</u>	<u>Type</u>	<u>Symptoms</u>	<u>Management</u>
Aphids	pest	Crowding on tender shoots and reduced growth.	Use clean fields and selective control if needed.
Powdery mildew	disease	White powdery growth on leaves.	Improve airflow and avoid overcrowding.

Yields

<u>System</u>	<u>Typical</u>	<u>Min</u>	<u>Max</u>	<u>Notes</u>
Managed fresh-market production	5	3.5	7.5	Typical marketable Sage yield under irrigated or well-managed conditions.

Season calendars

<u>Country</u>	<u>Region</u>	<u>Planting</u>	<u>Harvest</u>
KE	Highland Vegetable Zones	Mar-Apr or Oct-Nov	Year-round depending on irrigation

Region suitability

<u>Country</u>	<u>Region</u>	<u>Suitability</u>
KE	Highland Vegetable Zones	High

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