

FarmLens Ltd

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Crop details

Tarragon

Artemisia dracunculus

Family: Asteraceae

Categories

Vegetables

Spices & Condiments

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Quick stats

Family	Asteraceae
Typical harvest	4.5 t/ha
Varieties	1
Pests and diseases	2
Seasons	1

Crop profile

Growth habit	perennial
Days to harvest	90
Main uses	Leaves for premium culinary herb markets and flavoring.
Pollination	insect
Origin and where it grows	Best in cool, well-drained herb gardens and protected production.

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

Simple notes for farmers

About the crop: This crop is perennial; once planted it can keep producing for many years. Harvest typically starts about 90 days after planting.

Main use: Farmers mostly grow this crop for leaves for premium culinary herb markets and flavoring..

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

Where it grows: Best in cool, well-drained herb gardens and protected production.. 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 Tarragon 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 Tarragon growth and quality.
<u>Fertigation</u>	Use split nitrogen and potassium for market-quality Tarragon.
<u>Pest scouting</u>	Scout Tarragon 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 Tarragon in the cool hours and handle gently to preserve aroma.
<u>Postharvest</u>	Cool and shade Tarragon 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 Tarragon.
2	Topdress	21	CAN	100 kg/ha	N: 26, P ₂ O ₅ : N/A, K ₂ O: N/A	Support active Tarragon 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
French Tarragon	KE	90	High-value aromatic herb.

Fertilizer recommendations

<u>Stage</u>	<u>Product</u>	<u>Rate</u>	<u>Notes</u>
Planting	Well-rotted manure	5000	Improve soil structure before Tarragon planting.
Vegetative growth	CAN	100	Split topdress for Tarragon 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	4.5	3.2	6.8	Typical marketable Tarragon 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

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