

FarmLens Ltd

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



Crop details

Kohlrabi

Brassica oleracea var. gongylodes

Family: Brassicaceae

Categories

Vegetables

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Quick stats

<u>Family</u>	Brassicaceae
<u>Typical harvest</u>	14.0 t/ha
<u>Varieties</u>	1
<u>Pests and diseases</u>	2
<u>Seasons</u>	1

Crop profile

<u>Growth habit</u>	annual
<u>Days to harvest</u>	70
<u>Main uses</u>	Swollen stem vegetable for fresh and cooked use.
<u>Pollination</u>	insect
<u>Origin and where it grows</u>	Suitable for cool highland vegetable zones in East Africa.

Weather, soil and spacing

<u>Best temperature</u>	12 - 22 °C
<u>Rainfall</u>	450 - 800 mm/yr
<u>Altitude</u>	800 - 2800 m
<u>Best pH</u>	6 - 7
<u>Soil type</u>	Fertile well-drained loam rich in organic matter.
<u>Row spacing</u>	40 cm
<u>Plant spacing</u>	20 cm
<u>Planting depth</u>	1.5 cm
<u>Seed rate</u>	4 kg/ha

Simple notes for farmers

About the crop: This crop is annual; it grows and is harvested in one season. Harvest typically starts about 70 days after planting.

Main use: Farmers mostly grow this crop for swollen stem vegetable for fresh and cooked use..

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

Where it grows: Suitable for cool highland vegetable zones in East Africa.. Grouped under: Vegetables.

Best climate: 12 - 22 °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 Kohlrabi 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 Kohlrabi growth and quality.
<u>Fertigation</u>	Use split nitrogen and potassium for market-quality Kohlrabi.
<u>Pest scouting</u>	Scout Kohlrabi 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 Kohlrabi at market maturity for the intended use.
<u>Postharvest</u>	Cool and shade Kohlrabi promptly after harvest.

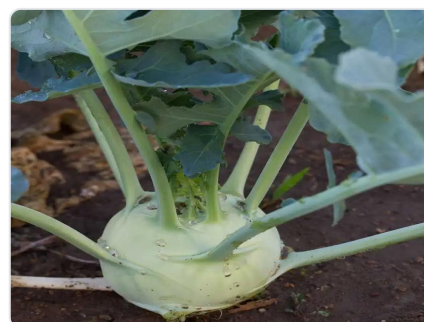
Nutrient schedule (Mbolea kwa Hatua)

#	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 Kohlrabi.
2	Topdress	21	CAN	100 kg/ha	N: 26, P ₂ O ₅ : N/A, K ₂ O: N/A	Support active Kohlrabi 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
Early White Vienna	KE	70	Uniform bulb stem and good market quality.

Fertilizer recommendations

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

Pests and diseases

<u>Name</u>	<u>Type</u>	<u>Symptoms</u>	<u>Management</u>
Aphids	pest	Leaf curling and sticky honeydew.	Scout frequently and use selective control when pressure builds.
Leaf spot complex	disease	Necrotic spotting and reduced leaf quality.	Improve airflow, rotate crops, and avoid prolonged leaf wetness.

Yields

<u>System</u>	<u>Typical</u>	<u>Min</u>	<u>Max</u>	<u>Notes</u>
Managed fresh-market production	14	9.8	21	Typical marketable Kohlrabi 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.