

FarmLens Ltd

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



Crop details

Ryegrass

Lolium multiflorum / perenne

Family: Poaceae

Categories

Forages & Fodder

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Quick stats

Family	Poaceae
Typical harvest	20.0 t/ha
Varieties	1
Pests and diseases	1
Seasons	0

Crop profile

Growth habit	annual
Days to harvest	90-180
Main uses	Forage; pasture; hay
Pollination	wind
Origin and where it grows	Temperate regions

Weather, soil and spacing

Best temperature	10 - 20 °C
Rainfall	700 - 1000 mm/yr
Altitude	1200 - 2600 m
Best pH	6 - 6.8
Soil type	Fertile, well-drained loam
Row spacing	20 cm
Plant spacing	5 cm
Planting depth	1.5 cm
Seed rate	25 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 90-180 days after planting.

Main use: Farmers mostly grow this crop for forage; pasture; hay.

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

Where it grows: Temperate regions. Grouped under: Forages & Fodder.

Best climate: 10 - 20 °C; 700 - 1000 mm/yr; up to about 2600 m a.s.l.

Soil: Best at pH 6 - 6.8; fertile, well-drained 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	80 kg/ha	N: N/A, P ₂ O ₅ : N/A, K ₂ O: N/A	N/A
2	After first cut	45	CAN 26% N	80 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	20	kg/ha
K ₂ O	Basal	40	kg/ha
N	Topdress	40	kg/ha

Field images



Varieties

Name	Country	Maturity (days)	Traits
Annual Ryegrass	KE	120	Highland forage

Pests and diseases

Name	Type	Symptoms	Management
Rust	disease	Orange pustules	Grazing management; fungicide if needed

Yields

System	Typical	Min	Max	Notes
pasture/cut	20	12	35	Fresh biomass

Region suitability

Country	Region	Suitability
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KE	Highlands	High
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