



Nook & Nature

By Neha Kunal Deshmukh

FERTILIZER CYCLE & CARE GUIDE

Simple steps for healthy , happy plants



KADAMBA

(NEOLAMARCKIA CADAMBA)



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1. Fertilizer Cycle (Stage-wise)

1 Seed Sowing / Sapling Stage (June–August)

Soil Type: Moist, fertile, well-drained loamy soil (pH 6–7.5).

Propagation: Commonly grown from seeds or young saplings.

Planting: Sow seeds directly or transplant saplings during monsoon.

Spacing: 10–15 feet apart (for gardens/avenues).

Mix organic compost or farmyard manure (2–3 kg per pit) before planting.

Water thoroughly after planting and keep soil moist for 2–3 months.

💧 Initial Fertilizer:

Apply organic compost (1–2 kg per plant) every month for the first 6 months.

2 Vegetative Growth Stage (1–2 years)

Fertilize every 2–3 months with:

→ Balanced NPK 19:19:19 (10–15 g per plant mixed in 5 litres of water).

Maintain consistent moisture — Kadamba loves damp soil but avoid stagnation.

Light pruning helps in forming a strong central trunk and dense canopy.

3 Flowering & Maturity Stage (3 years onward)

Mature trees bloom during the monsoon (June–September).

Use low-nitrogen, high-phosphorus fertilizer before blooming:

→ NPK 10:26:26 or bone meal (100–200 g/tree) once in May–June.

Add organic compost (2–3 kg) in December–January to replenish soil nutrients.

4 Maintenance Stage (After 5 years)

Mature trees require minimal fertilizer — just annual composting (3–5 kg organic manure before monsoon).

Deep watering every 10–15 days in dry months promotes consistent flowering and lush foliage.



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2. Caring Tips

- ✓ Sunlight: Full sunlight (6–8 hours/day).
- ✓ Soil: Moist, fertile, loamy or alluvial; tolerates clay if well-drained.
- ✓ Watering: Likes moisture — water regularly, especially in summer.
- ✓ Temperature: Thrives in 20°C–38°C.
- ✓ Spacing: 10–15 ft apart for garden; 20–25 ft for avenue planting.
- ✓ Growth Rate: Fast-growing; reaches 40–60 ft in 10–15 years.
- ✓ Pests/Diseases: Generally resistant; rarely affected by leaf spot or aphids.

3. Pro Hacks

- 🌿 Monsoon Planting Hack: Always plant Kadamba during monsoon → ensures natural root establishment.
- 🌿 Mulching Tip: Use dry leaves or husk mulch → retains soil moisture and prevents weed growth.
- 🌿 Fertilizer Trick: Use bone meal before monsoon → boosts flowering intensity.
- 🌿 Pruning Tip: Early pruning (first 2 years) shapes a symmetrical, umbrella-like crown.
- 🌿 Cultural Tip: Flowers are sacred to Lord Krishna; Kadamba is often planted near temples and ponds.

4. Blooming Pattern in India 🌻

Planting Season: June–August (monsoon)

Flowering Season: June–September (monsoon bloom)

Color: Golden-yellow, fragrant

Height: 40–60 ft (mature)

Type: Deciduous, fast-growing tree

Lifespan: 50–60 years

Cultural Value: Sacred in Hindu mythology; associated with love, rain, and devotion

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