



Nook & Nature

By Neha Kunal Deshmukh

FERTILIZER CYCLE & CARE GUIDE

Simple steps for healthy , happy plants



AMALTAS



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1. Fertilizer Cycle (Stage-wise)

1 Planting / Sapling Stage (June–August – Monsoon Season)

Soil: Fertile, well-drained loamy soil enriched with organic matter (pH 6.5–7.5).

Planting:

Dig a pit of 2×2×2 ft, fill with a mix of garden soil, sand, and compost (1:1:1).

Add 2–3 kg cow dung manure or compost at planting.

Watering: Keep soil evenly moist but avoid waterlogging.

💧 Fertilizer at Planting:

Organic compost (2 kg) + bone meal (50 g) + neem cake powder (100 g) → promotes root growth & pest resistance.

2 Vegetative Growth Stage (1–2 years)

Feed every 2 months with:

→ Balanced fertilizer (NPK 10:10:10 or 19:19:19, 1 g/litre water).

Add vermicompost (1–2 kg per plant) every 3 months.

Keep pruning lightly to maintain a bushy shape and strong branching.

3 Flowering Stage (2–3 years onwards)

Flowering Season: August–December (post-monsoon to winter).

Before flowering (July–August), apply:

→ Phosphorus-rich fertilizer (NPK 10:26:26 or bone meal 100 g/tree).

During flowering, top-dress with organic compost (2–3 kg) once a month.

Water regularly, but don't let the soil stay soggy — Parijat dislikes waterlogging.

4 Mature Tree Maintenance (5+ years)

Apply organic compost (5–10 kg/tree) annually before monsoon.

Deep watering once every 1–2 weeks in dry periods supports lush flowering.

Light pruning after flowering removes dead branches and improves canopy shape.



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2. Caring Tips

- ✓ Sunlight: Full sunlight (6–8 hours/day) for maximum flowering.
- ✓ Soil: Well-drained, loamy or alluvial; tolerates poor soil once mature.
- ✓ Watering: Moderate; water deeply but avoid waterlogging.
- ✓ Temperature: Thrives in 20°C–35°C; drought-resistant once established.
- ✓ Spacing: 10–15 ft apart for gardens/avenues.
- ✓ Pests/Diseases: Generally hardy; occasionally affected by leaf spot → neem oil spray.
- ✓ Growth: Fast-growing; can reach 30–40 ft in height.

3. Pro Hacks

- 🌱 Seed Soak Hack: Soak seeds in warm water overnight → speeds up germination.
- 🌱 Flowering Boost: Apply phosphorus-rich fertilizer before pre-monsoon → enhances blossom clusters.
- 🌱 Mulching Tip: Use dry leaves or organic mulch → retains moisture and cools roots.
- 🌱 Pruning Hack: Light pruning after flowering → improves canopy and next season's bloom.
- 🌱 Cultural Tip: Planting Amaltas near homes or temples is considered auspicious and brings prosperity.

4. Blooming Pattern in India 🌻

Planting Season: June–July (monsoon)

Flowering Season: March–May (pre-monsoon)

Color: Bright golden yellow

Height: 30–40 ft (mature)

Type: Deciduous, ornamental tree

Lifespan: 50–60 years

Cultural Importance: Sacred; flowers used in Vishu, festivals, and temple decorations

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