



Nook & Nature

By Neha Kunal Deshmukh

FERTILIZER CYCLE & CARE GUIDE

Simple steps for healthy , happy plants



PARIJAT

(NIGHT-FLOWERING JASMINE)



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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 Maintenance / Mature Tree Stage (3+ years)

Apply 5 kg organic compost + 100 g neem cake every 3 months.

Once a year (pre-monsoon), add NPK 10:20:10 (50–100 g per tree).

Light pruning after flowering season helps promote next year's blooms.

Replace topsoil every 1–2 years for potted plants.



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2. Caring Tips

- ✓ Sunlight: Prefers full to partial sunlight (4–6 hrs/day).
- ✓ Soil: Well-drained, loamy, slightly acidic to neutral soil.
- ✓ Watering: Moderate; water deeply 2–3 times a week.
- ✓ Temperature: Thrives in 20°C–35°C, sensitive to frost.
- ✓ Pruning: After flowering season to remove dry branches.
- ✓ Pests/Diseases: Can get leaf spot or mealy bugs → treat with neem oil spray.
- ✓ Growth: Can reach 10–15 ft; evergreen to semi-evergreen shrub/tree.

3. Pro Hacks

- 🌱 Blooming Trick: Apply bone meal or single super phosphate before monsoon → boosts bud formation.
- 🌱 Fragrance Maximizer: Keep soil slightly dry for 4–5 days before flowering → intensifies fragrance.
- 🌱 Pruning Hack: Regular trimming of dead flowers and weak shoots → encourages lush new growth.
- 🌱 Neem Magic: Sprinkle neem cake powder (100 g) around roots quarterly → prevents root fungus & adds nutrition.
- 🌱 Container Growing: Ideal in 20-inch pots with good drainage — use mix of garden soil + cocopeat + compost (1:1:1).

4. Blooming Pattern in India 🌻

Planting Time: June–August

Flowering Season: August–December

Bloom Time: Night-blooming; flowers fall by morning

Colors: White petals with orange centers

Height: 10–15 ft

Type: Small tree / large shrub

Lifespan: 20–40 years

Symbolism: Divine purity, love, and detachment — called the "Flower of Heaven"

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