



Nook & Nature

By Neha Kunal Deshmukh

FERTILIZER CYCLE & CARE GUIDE

Simple steps for healthy , happy plants



MOGRA

(JASMINUM SAMBAC)



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1. Fertilizer Cycle (Stage-wise)

1 Planting / Sapling Stage (Monsoon: June–July)

Soil: Well-drained loamy soil, rich in organic matter (pH 6–7).

Planting:

Dig a pit 1×1×1 ft.

Mix soil with 2 kg compost + 50 g neem cake.

Plant saplings and water immediately.

Watering: Keep soil moist for the first 2–3 months.

Initial Fertilizer:

Apply organic compost or cow dung (1–2 kg per plant) for root establishment.

2 Vegetative Growth Stage (1–2 years)

Feed every 2 months with:

→ Balanced NPK 19:19:19 (5–10 g per plant in 1–2 L water).

Add vermicompost (500 g–1 kg) every 2–3 months.

Sunlight: Full sunlight to partial shade (4–6 hours/day).

Watering: Moderate; water deeply once or twice a week.

3 Flowering Stage (2–3 years onwards)

Flowering Season: Year-round in tropical climates, peaks March–June.

Pre-flowering (Feb–March):

→ Apply Phosphorus-rich fertilizer (NPK 10:26:26 or bone meal, 50–100 g/plant) to encourage buds.

During flowering: Top-dress with compost or vermicompost (500 g–1 kg/plant).

Mulch base with dry leaves or cocopeat to retain moisture.

4 Mature Plant Maintenance (3+ years)

Annual Feeding:

→ Apply 2–3 kg compost + 50–100 g bone meal per plant before monsoon.

Pruning: Trim weak or dead branches after flowering to maintain shape and encourage new shoots.

Watering: Deep watering once a week; less frequent in winter.



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2. Caring Tips

- ✓ Sunlight: 4–6 hours of sunlight per day.
- ✓ Soil: Well-drained loamy soil enriched with organic matter.
- ✓ Watering: Moderate; avoid waterlogging.
- ✓ Temperature: Thrives in 20°C–35°C, tropical to subtropical climates.
- ✓ Spacing: Plant 2–3 ft apart for shrubs, 4–5 ft for hedges.
- ✓ Pests/Diseases: Occasionally affected by aphids or mealybugs → neem oil spray.
- ✓ Growth: Fast-growing climber; can be trained on trellises, fences, or as bushy shrubs.

3. Pro Hacks & Nursery Tips

- 🌱 Bloom Booster: Apply bone meal or phosphorus-rich fertilizer 2–3 weeks before flowering peaks.
- 🌱 Fragrance Enhancement: Reduce watering slightly during peak bud formation → stronger aroma.
- 🌱 Mulching Tip: Use dry leaf mulch → retains moisture and prevents weeds.
- 🌱 Pruning Hack: Pinch off spent flowers regularly → promotes continuous blooming.
- 🌱 Container Hack: Grow in pots with 1:1:1 soil, compost, sand mix → ensures good drainage.

4. Blooming Pattern in India 🌻

Flowering Season: Mogra blooms year-round, with peak flowering from March to June, producing small, white, highly fragrant flowers.

Planting Time: Best planted during monsoon (June–July) for optimal growth.

Flower Color & Aroma: Pure white flowers with intense fragrance, used for garlands, perfumes, and religious offerings.

Plant Height & Spacing: Can grow 3–6 ft tall as a bush or climber; plant 2–3 ft apart for shrubs, 4–5 ft for hedges.

Watering Needs: Moderate; keep soil moist during establishment, drought-tolerant once mature.

Temperature: Thrives in tropical and subtropical climates (20°C–35°C).

Type & Lifespan: Evergreen ornamental shrub or climber; lifespan 10–15 years with proper care.

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