



Nook & Nature

By Neha Kunal Deshmukh

FERTILIZER CYCLE & CARE GUIDE

Simple steps for healthy , happy plants



MADHU MALTI

(MANDEVILLA)



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1. Fertilizer Cycle (Stage-wise)

1 Planting / Sapling Stage (Spring or Monsoon: March–July)

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

Planting:

Use pots or garden beds with trellis support.

Mix soil with 2–3 kg compost + 50 g neem cake per planting hole.

Watering: Keep soil moist for first 2–3 weeks to help root establishment.

💧 Initial Fertilizer:

Apply organic compost or well-rotted cow dung (1–2 kg per plant) at planting.

2 Vegetative Growth Stage (1–2 months after planting)

Feed every 2–3 weeks with:

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

Add vermicompost (500 g per plant) every 1–2 months.

Sunlight: Full sunlight or partial shade for strong growth.

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

3 Flowering Stage (2–3 months after planting)

Flowering Season: Year-round in tropical climates, with peak blooms in summer and monsoon.

Pre-flowering (2–3 weeks before bloom):

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

During flowering: Top-dress with vermicompost (500 g per plant) and mulch to retain moisture.

4 Mature Plant Maintenance

Monthly Feeding:

→ Liquid fertilizer or compost tea (NPK 10:10:10) during flowering season.

Pruning: Trim weak or dead branches to promote bushy growth and continuous blooming.

Watering: Deep watering 2–3 times per week; reduce during winter.



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2. Caring Tips

- ✓ Sunlight: Full sunlight is ideal; tolerates partial shade.
- ✓ Soil: Well-drained loamy soil with good organic content.
- ✓ Watering: Moderate; avoid waterlogging.
- ✓ Temperature: Thrives in 20°C–35°C, tropical to subtropical climates.
- ✓ Support: Needs trellis, fence, or balcony railing to climb.
- ✓ Pests/Diseases: Occasionally affected by aphids or whiteflies → neem oil spray recommended.
- ✓ Growth: Fast-growing climber; can cover trellises quickly.

3. Pro Hacks & Nursery Tips

- 🌱 Bloom Booster: Apply phosphorus-rich fertilizer or bone meal 2–3 weeks before flowering for abundant blooms.
- 🌱 Fragrance Hack: Slightly reduce watering before bud formation → enhances fragrance.
- 🌱 Pruning Tip: Regularly prune to maintain shape and encourage more lateral branches.
- 🌱 Mulching Hack: Use dry leaves or cocopeat around the base → retains moisture and suppresses weeds.
- 🌱 Container Hack: Use large pots with trellis support → ensures strong growth in balconies or terraces.

4. Blooming Pattern in India 🌻

Flowering Season: Madhu Malti blooms year-round, with peak flowering in summer and monsoon, producing bright, trumpet-shaped, fragrant flowers.

Planting Time: Best planted during spring or monsoon (March–July) for optimal establishment.

Flower Color & Aroma: Vibrant colors (pink, red, white) with sweet fragrance, popular for gardens and balconies.

Growth & Support: Climbs trellis, fence, or balcony railings; can grow 6–10 ft in height with proper support.

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

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

Type & Lifespan: Evergreen flowering climber; lifespan 5–10 years in gardens with proper care.

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