



Nook & Nature

By Neha Kunal Deshmukh

FERTILIZER CYCLE & CARE GUIDE

Simple steps for healthy , happy plants



MORNING GLORY



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1. Fertilizer Cycle (Stage-wise)

Sowing Stage (July–Sept / Monsoon in India)

Soil mix: 40% garden soil + 30% compost + 20% sand + 10% cocopeat.

Soak seeds overnight to improve germination.

Sow seeds directly in the soil or pots, 0.5–1 inch deep.

Vegetative Growth Stage (2–4 weeks after germination)

Provide support (trellis, net, bamboo sticks) for climbing.

Feed every 15–20 days with balanced NPK fertilizer 19:19:19 (1–1.5 g/litre water).

Pinch the growing tips once vines reach 6–8 inches → encourages bushier growth.

Budding & Flowering Stage (6–8 weeks after germination / Sept–Nov)

Switch to high phosphorus & potassium fertilizer (NPK 10:26:26 or 0:52:34, 1.5 g/litre water every 12–15 days) → more blooms.

Add bone meal or banana peel fertilizer monthly → enhances flower size and color.

Remove faded flowers → prolongs flowering season.

End of Life Cycle (Nov–Dec / Frost-sensitive in North India)

Plant dies after frost in cold areas → collect seeds for next season.

In warmer regions, flowering may continue till early winter.



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2. Caring Tips

- ✓ Sunlight – Needs 4–6 hours of morning sun; tolerates partial shade.
- ✓ Watering – Keep soil moist; avoid waterlogging.
- ✓ Soil – Fertile, well-drained, slightly acidic to neutral (pH 6–7).
- ✓ Support – Essential for climbing; can grow on fences, trellises, or strings.
- ✓ Spacing – 6–8 inches between plants for proper airflow.
- ✓ Pests – Occasionally affected by aphids or leaf miners → neem oil spray.

3. Pro Hacks 🌿

- 🌿 Trellis Hack → Train vines on vertical supports → maximizes bloom display.
- 🌿 Pinching Tip → Early pinching → bushier plants with 2–3x more flowers.
- 🌿 Succession Planting → Sow seeds every 2–3 weeks → continuous flowering.
- 🌿 Mulching Trick → Straw or cocopeat → retains moisture, keeps roots cool.
- 🌿 Seed Saving Hack → Collect mature pods → store dry seeds for next season.

4. Blooming Pattern in India 🌻

Season: Monsoon to early winter (July–Nov).

Peak Bloom: Aug–Oct.

Colors: Purple, blue, pink, red, white, bicolor varieties.

Fragrance: Mild, mostly visual appeal.

Type: Annual climbing vine (2–3 m height).

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GST NO. 27ENHPD4122G1ZB

