



Nook & Nature

By Neha Kunal Deshmukh

FERTILIZER CYCLE & CARE GUIDE

Simple steps for healthy , happy plants



ADENIUM OBESUM



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1. Fertilizer Cycle (Stage-wise)

1 Planting / Potting Stage

Soil: Well-drained succulent/cactus mix; sand + garden soil + compost.

Pot: Use pots with drainage holes to avoid waterlogging.

Watering: Lightly water after planting; soil should be slightly moist.

 Initial Fertilizer:

Add a small amount of organic compost or bone meal (1–2 tsp) at planting.

2 Vegetative Growth Stage (First 2–3 months)

Feed every 4–6 weeks with balanced water-soluble fertilizer (NPK 10:10:10 or 20:20:20) at half strength.

Sunlight: Bright sunlight for at least 4–6 hours daily.

Watering: Water when top 2 inches of soil dry out; avoid overwatering.

 Hack: Rotate the pot for uniform growth and stem development.

3 Flowering Stage (After 6–8 months / Annual Bloom)

Flowering Season: Mainly spring to summer (March–July) in India.

Pre-flowering: Apply Phosphorus-rich fertilizer (NPK 5:10:10 or bone meal, 1–2 g per plant)

to stimulate flower formation.

During flowering: Reduce watering slightly to encourage blooms; remove faded flowers promptly.

4 Mature Plant Maintenance

Fertilizer: Every 6–8 weeks, feed with low-nitrogen fertilizer to avoid excessive leaf growth at the expense of flowers.

Pruning: Trim long stems after flowering to maintain shape and encourage branching.

Watering: Moderate; drought-tolerant once mature.

Repotting: Every 2–3 years with fresh soil mix.



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2. Caring Tips

- ✓ **Light:** Full sun — essential for vibrant blooms.
- ✓ **Soil:** Well-drained succulent or cactus mix.
- ✓ **Watering:** Moderate; allow soil to dry between watering.
- ✓ **Temperature:** Prefers 20°C–35°C; sensitive to frost.
- ✓ **Propagation:** Stem cuttings or grafting.
- ✓ **Pests/Diseases:** Susceptible to mealybugs, aphids, root rot (avoid waterlogging).
- ✓ **Growth:** Succulent perennial; grows 1–3 ft tall, thick caudex, and attractive flowers.

3. Pro Hacks & Nursery Tips

-  **Bloom Booster:** Reduce watering slightly 2–3 weeks before expected bloom to trigger flower production.
-  **Sunlight Hack:** Morning sun + afternoon partial shade → promotes larger, vibrant flowers.
-  **Pruning Tip:** Remove weak or long stems to maintain compact, bonsai-like form.
-  **Pot Hack:** Wide, shallow pots encourage caudex development.
-  **Fertilizer Hack:** Low-nitrogen, phosphorus-rich fertilizer → more blooms, less leaf growth.

4. Blooming Pattern in India

Flowering Season: Spring to Summer (March–July), depending on climate.

Flower Type: Trumpet-shaped, red, pink, white, or bi-color flowers.

Plant Type: Succulent shrub with thick caudex; drought-tolerant.

Watering Needs: Moderate; allow soil to dry between watering cycles.

Temperature: 20°C–35°C; frost-sensitive.

Special Feature: Can be grown as bonsai; long-lasting, vibrant flowers.

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