



Nook & Nature

By Neha Kunal Deshmukh

FERTILIZER CYCLE & CARE GUIDE

Simple steps for healthy , happy plants



GLADIOLUS



Nook & Nature

By Neha Kunal Deshmukh

1. Fertilizer Cycle (Stage-wise)

🌱 **Corm Planting Stage (Oct–Nov in India)**

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

At planting → Add bone meal (30 g per sq. ft.) OR neem cake (50 g per sq. ft.).

Spacing: Plant corms 6–8 cm deep and 8–10 cm apart.

🌱 **Vegetative Growth Stage (3–5 weeks after planting)**

Every 15–20 days → Apply liquid NPK 19:19:19 (2 g/litre water).

Add vermicompost (200–300 g per plant) monthly.

🌱 **Spike & Bud Formation Stage (Dec–Jan)**

Switch to high phosphorus & potassium fertilizer (NPK 10:26:26 or 0:52:34, 2 g/litre water every 10–12 days).

Add banana peel fertilizer / wood ash once a month.

Reduce nitrogen → too much = tall weak plants with poor flowers.

🌸 **Flowering Stage (Jan–Feb, peak bloom)**

Continue P & K fertilizer every 10–12 days.

Spray Epsom salt (1 tsp/litre water) monthly → boosts color & size of spikes.

Stake tall plants to avoid lodging (falling due to wind).

🌱 **Post-Flowering Stage (Feb–March)**

After flowers fade, cut spike but keep leaves → they recharge corms.

Fertilize lightly once with compost.

After 6–8 weeks, when leaves yellow → dig out corms, dry & store for next season.

2. Caring Tips

- ✅ Sunlight – Needs 6–7 hours of direct sunlight daily.
- ✅ Watering – Moderate watering; soil should be moist but never waterlogged.
- ✅ Soil – Well-drained sandy-loam, slightly acidic soil preferred.
- ✅ Staking – Use bamboo sticks or netting for support (spikes are heavy).
- ✅ Pruning – Remove spent spikes immediately to divert energy to corms.
- ✅ Container Growing – Needs 12–14 inch deep pots with drainage.
- ✅ Pests – Aphids, thrips & corm rot → control with neem oil spray & well-drained soil.



Nook & Nature

By Neha Kunal Deshmukh

3. Pro Hacks 🌿

🌿 Banana Peel Fertilizer → Rich in potassium → stronger flower spikes.

🌿 Epsom Salt Spray → Monthly → boosts leaf health & flower size.

🌿 Corm Care Hack → Cure harvested corms in shade for 10–15 days → then store in dry sand/sawdust until next season.

🌿 Succession Planting → Plant corms every 10–15 days → continuous flowering spikes all season.

🌿 Cut-Flower Trick → Harvest spikes when 2–3 bottom buds show color → they last 7–10 days in vases.

4. Blooming Pattern in India 🌸

North India (Delhi, Lucknow, Punjab, etc.): Nov–Feb.

South India (Bengaluru, Ooty, Hyderabad): Can be grown nearly year-round.

Duration: Each spike blooms for 10–15 days.

📍 Plot No. 24/2 Balaji Lucky Point, Old Cotton Market Road,
Shree Agro Agencies, Balaji Lucky Point, Amravati, Amravati,
Maharashtra, 444601

📞 +91 9284008858

✉ support@nookandnature.in

🌐 www.nookandnature.in

GST NO. 27ENHPD4122G1ZB

