PONALAB BIOGROWTH PVT LTD

Chrysanthemum Crop Management Schedule - Comprehensive 1 Acre Guide

STANDARD 1 ACRE DOSING

1. ROOT ZONE, DRIP & SOIL APPLICATION SCHEDULE

Crop Stage / Timing	Days After Planting (DAT)	Recommended Ponalab Product	Application Rate & Method
Basal Dose / Land Prep (Bed Preparation & Planting)	Before Planting / Sucking Planting	NPK Consortia, Trivikram, Chaitanya 24, Jeeva Granules	• NPK/Bio: 1-2 kg/acre • Jeeva Granules: 7 kg/acre (Soil Application) • Trivikram: 1 kg/acre
Establishment Stage (Rooting & Early Growth)	7 - 15 Days	Raheel / Bhumiras & PMC, Ponaplus	• Raheel / Bhumiras: 500 ml/acre or 2-3 ml/L • PMC: 2 kg/acre • Ponaplus: 5 ml/L
Vegetative & Pinching (Branching & Canopy Boost)	25 - 45 Days	Ranjay 35, Pomus17, Micronutrients	• Ranjay 35: 2 g/L • Pomus17: 2 ml/L • Micronutrients: 2 kg/acre
Bud Initiation Stage (Flower Bud Formation)	55 - 75 Days	Powermix, Raheel, Pomus17, Ponaplus	• Powermix : 2 kg/acre • Pomus17: 2 ml/L • Ponaplus: 5 ml/L
Flowering & Picking (Bloom & Multi-Cutting)	85 Day onwards	Powermix, PMC, Pona Potash	• Pona Potash: 5 g/L (Apply before flower flushing) • PMC: 2 kg/acre

2. APPLICATION INTERVALS & DRIP GUIDELINES

DRIP APPLICATION
Rahhel 1 Litre / Acre
Interval: Once every 20 days for consistent root development and vigor.

FOLIAR SPRAYING
Every 15–20 Days
Alternate PMC & Pomus17 for leaf luster and disease tolerance.

PRE-BLOOM SPRAY DOSE
Pona Potash @ 5g/L
Apply prior to flower bud opening to ensure vibrant bloom color & shelf life.

3. PEST & DISEASE MANAGEMENT OPTIONS

Target Pest / Issue	Ponalab Option	Dose & Application Guidance
Aphids, Thrips, Mites, Leaf Miners & Sucking Insects	Nauvvo, Yuktava (Botanical Extract) / Yellow & Blue Traps	• Nauvvo: 1.5 ml/L • Yuktava: 2-3 ml/L
Bud Borers, Caterpillars & Defoliating Larvae	Trishakthi, Yuktava, Brutus (Bacillus thuringiensis)	• Trishakthi: 2-3 ml/L • Brutus: 3ml/L
Powdery Mildew, Leaf Blight, Root Rot & Wilt (Fusarium)	Trivikram, Chaitanya	• 1 kg/acre each via drenching or drip

4. DETAILED APPLICATION NOTES & BEST PRACTICES

Important Growth & Soil Guidance:

- **Jeeva Granules:** Apply 7 kg/acre directly during bed preparation or basal soil application to establish strong soil biology and root establishment early on.
- **Pinching & Branching Boost:** Apply Micronutrient Boost (Magnesium Sulphate, Zinc Sulphate & Boron) right after terminal bud pinching (25-30 DAT) to promote dense side branches and uniform bud clusters.
- **Flower Quality & Harvesting:** Spray Pona Potash @ 5 g/L with water prior to every flower picking flush to improve petal coloration, flower diameter, flower firmness, and vase life.
- **Regular Foliar Spray Routine:** Maintain a 15–20 day spraying cycle with Ranjay 35 (2 g/L) and Pomus17 (2 ml/L) to maintain green foliage and protect against leaf spot and mildew.
- **Raheel:** Apply every 20 days to strengthen stems, support robust bud setting, and prevent stem lodging under heavy blooming.
- **Root Nematode & Soil Pathogen Control:** Apply Nemarazer at 2-3 kg per acre based on label directions to eliminate root-knot nematodes and prevent root rot in floriculture beds.
- **PMC:** Apply 2 kg per acre once every month to improve soil biology, shoot proliferation, and cut-flower quality.

Safety & Compatibility Caution:

Do NOT mix Powermix with any other chemical pesticide or copper formulations. Always perform a small jar compatibility test prior to tank-mixing. Avoid direct high-pressure spraying on fully open flower petals to prevent petal damage.

5. CORPORATE CONTACT & SUPPORT DETAILS

Ponalab Biogrowth Private Limited

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