

Growing Media

Start with a highly aerated and free-draining growing medium. A good medium for organic production is a mix of **RichGrow Coco Media** (40%), **Coarse Perlite** (40%) and **BioFert Organic Premix** (20%)

pH & EC

Ideal pH ensures the plant is able to absorb a variety of nutrients required for optimum growth. Growers using soil as their growing medium should adjust their pH to a range of 6 to 6.8. For a soilless growing, pH should sit between 5.5 to 6.5. An indicative EC range for cannabis plants is 0.8-1.4 for seedlings; 0.5 - 1.4 for clones; 1.5 - 2.2 under vegetative phase; 1.6 - 2.3 during flowering.

Propagation

To ensure effective propagation, dip cuttings into **RapiGro** prior to planting to reduce transplant shock and speed root growth.

Organic Nutrients

- **BioFish** promotes vegetative growth to support high yields.
- **Rose & Flower** encourages bud set and improves bud filling.
- **Root Conditioner** improves rapid root growth and nutrient uptake.
- **General Purpose** ensures overall growth for optimal yield.
- **Rapigro** stimulates growth and develops fullness and density of buds.
- **Crop Conditioner** reduces crop stress and supports disease tolerance.
- **Cal-O** strengthens cell walls and promotes plant rigidity.
- **Seaweed extract** is beneficial in bud sizing and ripening.
- **BioFlush** cleans the system and gets rid of excess nutrients.



Legal notice: The information provided by BioFert Manufacturing Inc and TerraLink Horticulture Inc is designed for ethical, government sanctioned medical marijuana grow operations. All operations should adhere to the laws in the jurisdictions in which they operate.

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Biofert
is the organic subsidiary of
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BioFert®

FEEDING SCHEDULE (Organic)

| All amounts are per L of water | | Growth Phase | | | | Bloom Phase | | | | | | | |
|--------------------------------|--------------------------------|----------------------|-----------------|---------------|----------------|---------------------|----------------|--------------|--------------|---------------|---------------|----------|---------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| Weeks | | | | | | | | | | | | | |
| Growth Stage | | Seedling/ Cutting | Early Growth | Mid Growth | Late Growth | Early Bloom | Early Bloom | Mid Bloom | Mid Bloom | Late Bloom | Late Bloom | Ripen | Flush |
| Light | | 18 hour photoperiod | | | | 12 hour photoperiod | | | | | | | |
| EC | | 1.2 to 1.4 | 1.5 to 1.7 | 1.8 to 2.0 | 2.0-2.2 | 1.6 to 1.8 | 1.6 to 1.8 | 1.8 to 2.0 | 1.8 to 2.0 | 2.1-2.3 | 2.1-2.3 | 2.1-2.3 | 2.1-2.3 |
| PPM | | 400-600 | 800-1000 | 900-1200 | 1100-1300 | 1000-1200 | 1000-1200 | 1000-1200 | 1000-1200 | 1000-1200 | 1000-1200 | 800-1000 | 0-200 |
| Grow | BioFish 3-1-2 | 5 mL | 7 mL | 10 mL | 10 mL | | | | | | | | |
| Bloom | Rose & Flower 2-2-5 | | | | | 7 mL | 7 mL | 7 mL | 7 mL | 7 mL | 7 mL | 5 mL | |
| Roots | Root Conditioner 0-0-2 | 10 mL | 20 mL | 20 mL | 20 mL | 10 mL | 10 mL | 10 mL | 10 mL | 10 mL | 10 mL | | |
| Weight | General Purpose 3-2-5 | | 7 mL | 7 mL | 10 mL | 10 mL | 10 mL | 10 mL | 10 mL | 7 mL | 7 mL | | |
| Aroma | Rapigro 0-0-5 | | | | | 3 mL | 3 mL | 6 mL | 6 mL | 6 mL | 6 mL | 6 mL | |
| Defense | Crop Conditioner 1-0-4 | | 0.5 mL | 0.5 mL | 0.5 mL | 1 mL | 1 mL | 1 mL | 1 mL | 1 mL | 1 mL | | |
| Strength | Cal-O 6Ca | | 3 mL | 5 mL | 5 mL | 5 mL | 5 mL | 5 mL | 5 mL | 5 mL | 3 mL | | |
| Ripening | Seaweed extract 0-0-15 | | | | | | | | | | | 1 g | |
| Clean | BioFlush | | | | | | | | | | | | 10 ml |

- Maintain pH range of 6.3 to 6.8 if using soil as growing medium. For soilless growing, adjust between 5.5 to 6.5.
- Temperatures with lights on should be 20-28°C and temperatures with lights off should not go below 15°C to reduce stress.
- Humidity is recommended at 40-70% until the last two weeks of bloom cycle when it should be 30-40% for larger fruit set.
- In between feedings use non-chlorinated water when watering crops.
- Should plants show signs of stress or colour irregularities, use BioFlush to remove salt build up.

