

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.
- **BioRinse** 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.

BioFert Manufacturing Inc.

464 Riverside Road
Abbotsford BC V2S 7M1
Toll Free: 1-866-BIOFERT
www.biofert.ca

BioFert
is the organic subsidiary of
TerraLink Horticulture Inc.

TerraLink

All amounts are per L of water		Growth Phase				Bloom Phase							
		1	2	3	4	5	6	7	8	9	10	11	12
Weeks		Seedling/ Cutting	Early Growth	Mid Growth	Late Growth	Early Bloom	Early Bloom	Mid Bloom	Mid Bloom	Late Bloom	Late Bloom	Ripen	Flush
Growth Stage													
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	BioRinse												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.

