

## CANNA COCO: GROWING ON COCO COIR



### CANNA COCO A&B

Coco A&B is a complete professional nutrient for plants containing all the essential elements for optimal growing and flowering. The unique formulation is suitable for both the growth and blooming phase and consist of two parts, an A part and a B part. The highly concentrated compounds conflict with each other when mixed together resulting in an unusable solution. The compounds must be added to the nutrient water separately to avoid this reaction.



### CANNA RHIZOTONIC

CANNA RHIZOTONIC is a powerful, algae based, vegetative stimulator for plant roots. It contains multiple vitamins and is 100% natural. The more than 60 microbiological substances enhance the plant's hormone production and overall plant growth.

Besides stimulating root growth on plants that are already rooted, RHIZOTONIC also stimulates new root growth on cuttings and transplants. The various trace elements and vitamins such as B1&B2 stimulate the production of hormones and root growth, thus providing beautiful, strong white roots.



### CANNAZYM

CANNAZYM is a high-quality enzyme product that speeds up the process of breaking down dead root material and activates beneficial microorganisms. The dead roots are turned into sugars, which make up a valuable source of nutrients for the plant.

CANNAZYM consists of different enzymes to which vitamins and extracts are added. This improves the plant's defence system and also stimulates the plant to form new roots.



### CANNABOOST ACCELERATOR

CANNABOOST Accelerator boosts the metabolism of your plants. This is an important factor, because the uptake of nutrients depends greatly on the plant's health and metabolism rate.

This additive stimulates the development of new flowers. CANNABOOST isn't a nutrient but an additive that increases the plant's photosynthesis. This ensures that the fruits form faster and give them a better taste.



### CANNA PK 13/14

CANNA PK 13/14 is a mixture of top quality nutritional minerals that stimulate flowering. It's easy- to-use and makes high yields. PK 13/14 is suitable for any growing medium.

Furthermore, it only needs to be applied for one week to the nutrient reservoir. If you do this at the right moment, you will get astonishing results in the bloom phase. Make sure to read the directions of use for the best benefits.



### CANNA CALMAG AGENT

CANNA CALMAG AGENT is a Calcium and Magnesium mineral nutrient designed to increase the level of Calcium and Magnesium in the system without disrupting the balance of these ions in the plant.

Besides providing Calcium and Magnesium in systems that are lacking, CANNA CALMAG AGENT also establishes harder water in systems that use very soft water for Calcium sensitive mediums such as Coconut (Including RO systems).

# COCO

## GROW SCHEDULE



Cultivation period in weeks	Light / Day in hours	COCO A&B ml A/10 litres ml B/10 litres	RHIZOTONIC ml/10 litres	CANNAZYM ml/10 litres	CANNABOOST ml/10 litres	PK 13/14 ml/10 litres	EC + in mS/cm	EC Total in mS/cm
< 1	18	15 - 25	40	-	-	-	0.7 - 1.1	1.1 - 1.5
0 - 3 <sup>1</sup>	18	20 - 30	20	25	-	-	0.9 - 1.3	1.3 - 1.7
2 - 4 <sup>2</sup>	12	25 - 35	20	25	20 <sup>3</sup>	-	1.1 - 1.5	1.5 - 1.9
2 - 3	12	30 - 40	5	25	20 - 40	-	1.4 - 1.8	1.8 - 2.2
1	12	30 - 40	5	25	20 - 40	15	1.6 - 2.0	2.0 - 2.4
2 - 3	12	20 - 30	5	25	20 - 40	-	1.0 - 1.4	1.4 - 1.8
1 - 2	10 - 12 <sup>3</sup>	-	-	25 - 50 <sup>4</sup>	20 - 40	-	0.0	0.4

### GROWTH

**Start / rootling (3 - 5 days)** -  
Water the substrate.

**Vegetative phase I** -  
Plants develop in volume.

**Vegetative phase II** - Up to growth stagnation after  
fructification or appearance of the formation of flowers.

**Generative Period I** - Flowers or fruits develop in length.  
Growth in height achieved.

**Generative period II** -  
Development of the volume (breadth) of flowers or fruit.

**Generative Period III** -  
Development of the mass (weight) of flowers or fruit.

**Generative Period IV** -  
Flowers or fruit ripening process.

### VEGETATIVE PHASE

### FLOWERING

### GENERATIVE PHASE

- This period varies depending on the species and number of plants per m<sup>2</sup>. Mother plants remain in this phase until the end (6 - 12 months).
- The changeover from 18 to 12 hours varies depending on the variety. The rule of thumb is to change after 2 weeks.
- Reduce hours of light if ripening goes too fast.
- Watch out for increasing relative humidity.
- Double CANNAZYM dosage to 50 ml/10 litres, if substrate is reused.
- 20 ml/10 litres standard. Increase to a maximum of 40 ml/10 litres for extra flowering power.

EC: EC+ value is based in mS/cm when EC water = 0.0 at 25°C, pH 6.0.  
Add the EC of the tap water that is used to the recommended EC!  
The EC total in the example is with tap water with an EC of 0.4.  
CALMAG Agent to be used for soft water or RO systems with EC below 0.4 mS/cm.

pH: Recommended pH is between 5.5 and 6.2.  
Adding pH- can increase EC.

Use pH- grow in the vegetative phase to lower the pH.  
Use pH- bloom in the generative phase to lower the pH.

The guidelines in the table aren't an iron law, but can help novice growers to develop a sophisticated fertilization strategy. The optimum fertilization strategy is further determined by factors such as: temperature, humidity, plant species, root volume, moisture percentage in substrate, water dosage strategy, etc.