MOTHERNATURE CO2 GENERATOR

Increase carbon dioxide concentration in your growing environment to **more than double the normal PPM** with the MotherNature CO2 Generator. Designed to operate in **sealed grow room spaces such as greenhouses or horticultural tents**, the CO2 Generator is **ideal for fast-growing, carbon dioxide-hungry crops.** Plants grown in a concentrated CO2 environment are proven to grow faster, thrive in higher temperatures, and bear bigger, better fruits and flowers.

HOW TO ACTIVATE

Add hot (not boiling) water to the contents of the Generator bucket at **one** of the following amounts (choose amount according to the size of your Generator):

5L (1.35 gal) CO2 Generator - add 1.25L (0.33 gal) of hot water to the CO2 Generator bucket
10L (2.7 gal) CO2 Generator - add 2.5L (0.66 gal) of hot water to the CO2 Generator bucket

Allow 24hrs before you use the CO2 Generator. This 24hr period is essential in order for the contents to properly activate.

DIRECTIONS FOR USE

<u>All Users</u> - Connect a single outlet **air pump (if not supplied)** to the bottom pipe on the **MotherNature CO2 Generator**, then plug the pump into a timer or lighting relay so that the **MotherNature CO2 Generator** only operates during the daylight period. Route the upper pipe connected to the **MotherNature CO2 Generator** into the back of a circulation fan so that the **CO2** is distributed evenly throughout the growing environment.

<u>Enhanced Setup 1 (Intermediate)</u> - Use your timer to pulse the **MotherNature CO2 Generator** during the daylight period so that it operates for 5-10 minutes and then turns off for 60 minutes. This schedule can be repeated during the daylight period so that every hour high concentrations of **CO2** are injected into the growing environment. During the dark period your timer should be set to shut the CO2 Generator to 'off'. **This Setup is highly recommended.**

<u>Enhanced Setup 2 (Advanced)</u> - Connect your timer and **MotherNature CO2 Generator** to a **CO2** sensor and set the parameters so that the **CO2** sensor will only turn on the **MotherNature CO2 Generator** when the **CO2** levels drop below your set parameters, we recommend that you set the sensor to activate when **CO2** levels drop below **650 PPM**.

IMPORTANT

- **The MotherNature CO2 Generator pump size should not exceed 1.3-1.5L per minute**
- **The CO2 Generator should be plugged into a lighting timer/relay and should only pump CO2 when your plants need it, during the 'daylight period'.**
- **Whilst switched off during 'dark periods' the active CO2 producing bacteria come to life, re-energising the CO2 Generator**
- **The bacteria are most active and create the most CO2 at temperatures of 22 degrees Celsius / 71.5 degrees Fahrenheit**
- **Higher levels of CO2 should not be inhaled for long periods of time**

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