CO2 GRO Inc.

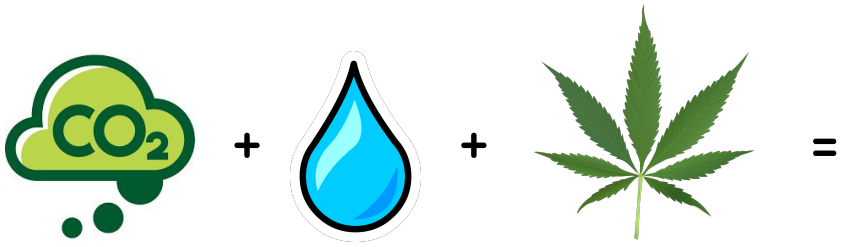
CO2 Delivery Solutions

Delivering CO2 to Growers Everywhere.

Atmospheric enrichment of CO2 by gassing in greenhouses and indoor horticulture operations has enhanced plant yields for decades. However, over half of the CO2 gas is typically lost through leaks, and the vast majority of greenhouses cannot use CO2 since they require ventilation through which nearly all the CO2 in the air escapes. CO2 GRO's patented **CO2 Delivery Solutions** enables growers in ALL greenhouses and covered cultivation to consistently deliver optimal amounts of CO2 to their plants via an aqueous CO2 solution, resulting in **higher yields, faster growth, safely and profitably** as shown in numerous case studies.

- Apply CO2 to your plants **SAFELY**.
- Applied to the plant by **FINE MISTING**.
- Increase **YIELD** and **PROFITABILITY**.
- **PATENTED TECHNOLOGY**.
- **ALL GREENHOUSES** and **COVERED**.
- **CUSTOM ENGINEERED** for your facility.
- **FULLY AUTOMATED SYSTEM**.
- **LEASE-TO-OWN** or **PURCHASE**.
- **ON SITE EVALUATION**.

NOVEL DELIVERY OF CO2 TO PLANTS VIA MISTING



CO2 gas | Dissolve in water | Misting directly on to leaves

MORE BUDS, MORE BIOMASS, MORE HARVESTS, MORE PROFITS!

Delivering CO2 to Growers Everywhere.

sales@co2gro.ca - 1-888-496-1283 - co2delivery.ca

CO2 GRO Inc.

CO2 DELIVERY SOLUTIONS FOR CANNABIS

Cannabis and hemp are quickly becoming a must have crop for many growers as they are rapidly legalizing throughout North America for medicinal and now recreational purposes. Cannabis and hemp plants are harvested for their leaves and buds which contain powerful cannabinoids including THC, CBD and many others, as well as valuable lipids, terpenes, trichomes and other valuable compounds. Being able to increase the production of larger plants, buds and faster are what cannabis and hemp growers strive for. Being able to do this using easy to use, safe, synthetic & chemical free inputs, is what consumers look for.

CANNABIS DEMONSTRATIONS

Hybrid	Indica	Sativa
		
25% increase in bud weight. **51%** increase in plant size. **22%** faster cycle time.	**20%** increase in bud weight. **42%** increase in plant size. **20%** faster cycle time.	**22%** increase in bud weight. **40%** increase in plant size. **33%** faster cycle time.

The data shown above are from demonstrations conducted with an ACMPR in the Greater Toronto Area. All plants were hand sprayed. The control was misted with normal water while the treated group was misted with aqueous CO2 solution. The above results are from demonstrations using aqueous CO2 misting on a common Hybrid, Indica and Sativa strain. Cannabis plants naturally have a large leaf surface area enabling more aqueous CO2 exposure and absorption resulting in greater photosynthesis, bigger plants, increased bud production and faster cycle time.

CO2 GRO Inc.

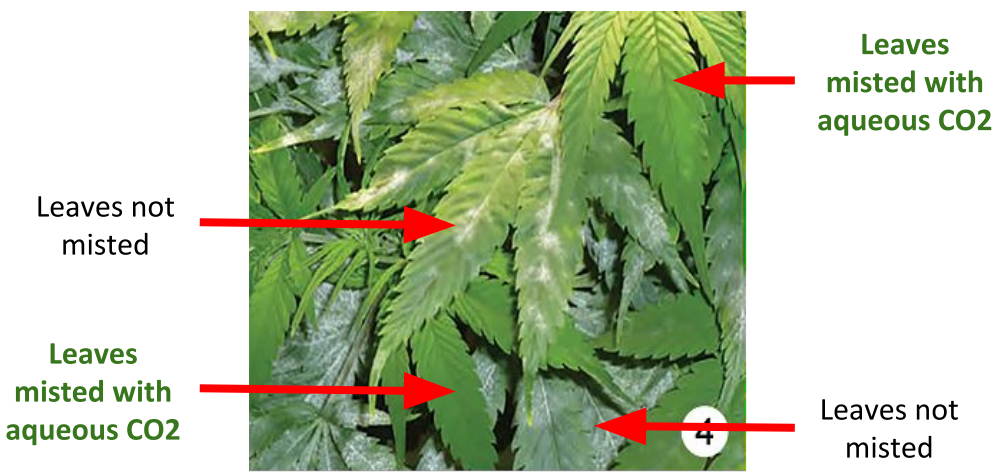
CO2 DELIVERY SOLUTIONS FOR PATHOGENS AND POWDERY MILDEW

Cannabis Sativa Demo:

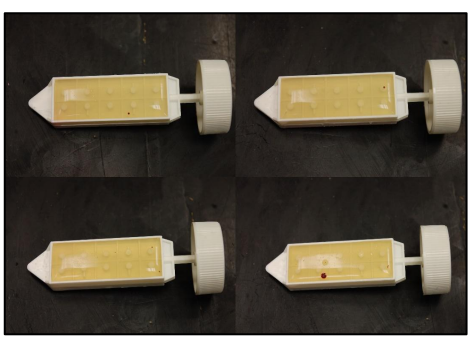
Two demonstrations were conducted at commercial greenhouses in the US on cannabis sativa plants with the following observations noted:

E. coli: E.coli bacterial growth showed **99%** less in plants treated with CO2 Delivery Solutions versus those plants given no CO2 and CO2 gassing.

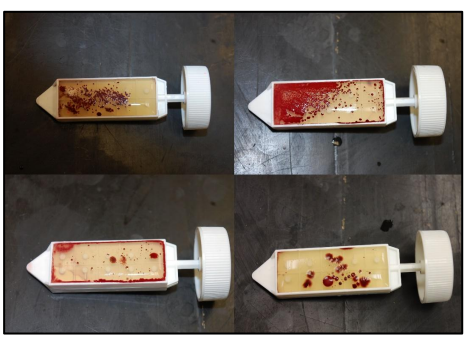
Powdery Mildew: All plants were covered with a known dried powdery mildew pathogen. Plants treated with CO2 Delivery Solutions had up to **3 times** increase in days of plant survival (21 days survival vs only 7 days) post infection versus plants given no CO2 and CO2 gassed plants. Results were scored visually at these commercial sites. Both the plants given CO2 gas and no CO2 developed a spread of powdery mildew whereas there was no visible spread of powdery mildew in plants treated with CO2 Delivery Solutions. **This enables growers to detect and act when powdery mildew is identified without worrying about rapid spread of infection.**



Notice the leaves that were NOT misted with aqueous CO2 have developed white powdery mildew spores, while the leaves misted WITH aqueous CO2 have no spores.



E. coli treated with CO2 Delivery Solutions



E. coli untreated
Red dots are *E. coli* colonies

All results shown were observed in demonstrations of CO2 Delivery Solutions. Results may vary according to crop and growing conditions. CO2 Delivery Solutions is not intended for use as a pesticide or herbicide. CO2 Delivery Solutions is sold as a novel method for delivery of CO2 to plants.

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CONTACT US TODAY TO START GROWING BIGGER, HEALTHIER, MORE VALUABLE PLANTS, SAFELY!

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PROFESSIONAL CLIENT PROCESS

1. **NDA:** Execute mutual NDA.
2. **Scoping Survey:** To understand your facility layout, operational needs, and general technical information to help our engineers prepare a proposal.
3. **Evaluation Proposal:** A proposal for an on site evaluation to show the impact of CO2 Delivery Solutions on your facility.
4. **Commercial Installation:** Upon completion of the evaluation and review of results, CO2 GRO's engineers will present a proposal for a commercial installation custom designed for your facility.
   a. Option for Lease-To-Own or;
   b. Purchase.

About CO2 GRO

CO2 GRO's ("GROW") mission is to accelerate the growth of all value plants safely, effectively and profitably using our patented advanced CO2 Delivery Solutions™.

CO2 Delivery Solutions™ naturally and safely dissolves CO2 gas into water creating an aqueous CO2 solution which is then misted directly on plant leaves. GROW has demonstrated improving crop yields by up to 30% with up to 30% faster growth. The CO2 solution's micro droplets create an aqueous film around the entire leaf surface, isolating the leaf from the atmosphere. This creates a diffusion gradient favoring CO2 transport into the leaf and other gases out of the leaf. Increased carbon availability enhances photosynthesis resulting in faster and larger plant growth as demonstrated on crops including cannabis, lettuce, kale, microgreens, peppers and flowers. Greater growth equals more profits for growers everywhere.