

CO2 Delivery Solutions

Delivering CO2 to Growers Everywhere.

Indoor use of CO2 gassing has enhanced plant yields for decades. However, over half of the CO2 gas is typically lost through leaks in indoor operations, and the vast majority of greenhouses cannot use CO2 since they require ventilation through which nearly all the CO2 in the air escapes. Of course outdoor growers cannot gas CO2 at all. CO2 GRO's patented **CO2 Delivery Solutions** enables growers both indoor and outdoor to consistently deliver optimal amounts of CO2 to their plants via an aqueous CO2 solution, resulting in **higher yields, shorter grow cycle times, 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**.
- **INDOOR** and **OUTDOOR** use.
- **CUSTOM ENGINEERED** for your facility.
- **FULLY AUTOMATED SYSTEM**.
- **LEASE-TO-OWN** or **BUY-OUT**.
- **ON SITE DEMO**.

NOVEL DELIVERY OF CO2 TO PLANTS VIA MISTING



**MORE BUDS, MORE CANNABINOIDS, MORE HARVESTS,
MORE PROFITS!**

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

CO2 DELIVERY SOLUTIONS FOR CANNABIS

Cannabis is quickly becoming a must have crop for many growers as it is rapidly legalizing throughout North America for medicinal and now recreational purposes. Cannabis 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 concentrations of these compounds, in addition to producing larger leaves and buds is what cannabis 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



- 25%** increase in bud weight.
- 51%** increase in plant size.
- 22%** reduction in cycle time.
- 16%** increase in CBD.
- 19%** increase in THC.

Indica



- 20%** increase in bud weight.
- 42%** increase in plant size.
- 20%** reduction in cycle time.
- 90%** increase in CBD.
- 75%** increase in THC.

Sativa



- 22%** increase in bud weight.
- 100%** increase in leaf size.
- 33%** reduction in cycle time.
- 34%** increase in CBD.
- 20%** increase in THC.

The data shown above is from a demonstration 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 and exceptionally higher cannabinoid production. All three demonstrations showed significant bud yield increases, vegetation time reductions and increases in THC and CBD production.

All results shown were observed and documented 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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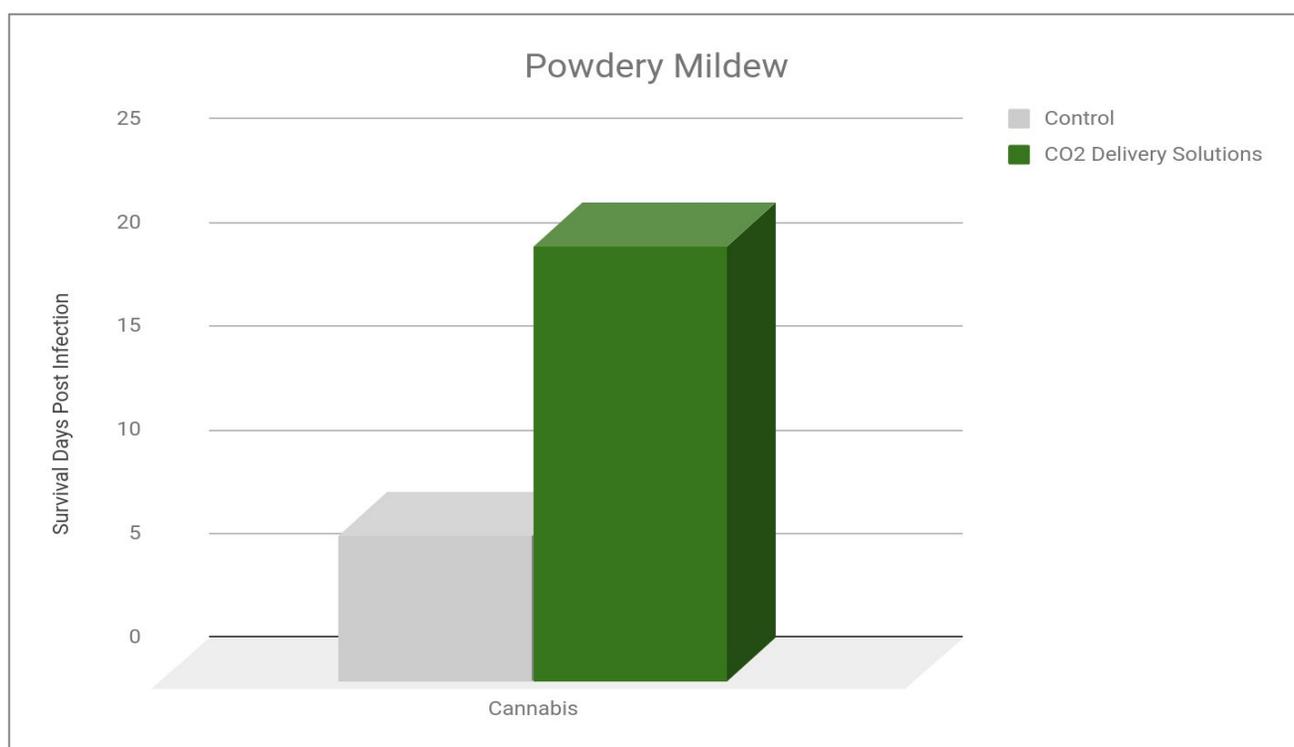
CO2 DELIVERY SOLUTIONS FOR PATHOGENS AND POWDERY MILDEW

Cannabis Sativa Demo:

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

E. coli: Another excellent observation on E.coli bacterial growth showing **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.



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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 demonstration.
3. **Demonstration Proposal:** A proposal for a demonstration to show the impact of CO2 Delivery Solutions on your facility.
4. **Commercial Installation:** Upon completion of the demonstration 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. Buy-Out.

About CO2 GRO

CO2 GRO's ("GROW") mission is to accelerate all indoor and outdoor value plant growth naturally, safely, and economically using its patented advanced CO2 Delivery Solutions.

GROW's global target markets are the \$8 trillion global retail food plants market (Plunkett Mar 2017), the \$1 trillion global retail non-food plants market such as tobacco, the \$340 billion global vegetable greenhouse market with its 50 billion square feet of greenhouse space (USDA), the \$60-160 billion (2025 est.) global legal retail cannabis and hemp market (Grandview; Brinks), as well as the \$250 billion (2024 est.) global wine and grape commodity market (Mordor Intelligence).

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