



Dear Shareholders, Stakeholders and Interested Parties CO2 GRO Inc. is pleased to present the GHG Medical Marijuana Awards 2019 Article

GROW.V, BLONF OTCQB, 4021 Frankfurt

Leading Innovators of CO2 Delivery Technology 2020

Carbon dioxide (CO₂) is essential for plant growth. Economically adding the desired level of CO₂ for maximum plant growth and profitability is however, not possible for most greenhouse growers and all outdoor growers. Enter CO₂ GRO Inc., an innovative firm that is a leader in aqueous CO₂ delivery for all greenhouse and outdoor plant growth. To find out more about what CO₂ GRO can do to support the medical marijuana industry, we profiled the firms technology effects on Cannabis growth.

Many newly legalized Cannabis growers have yet to adopt all the available technologies to optimize crop yield and plant health. Government health organizations overseeing these growers heavily restrict chemical pesticides to protect consumer health, limiting grower choices to less effective natural pesticides. CO₂ GRO's 100% natural patent-protected CO₂ Delivery Solutions™ technology enables Cannabis growers to achieve maximum crop yield AND micro-pathogen resistance. Its technology adds optimum levels of CO₂ to the plant via misting an aqueous CO₂ solution directly onto Cannabis plant leaves. Increased carbon availability enhances photosynthesis resulting in faster and greater Cannabis plant growth.

Numerous trials on Cannabis plants with commercial Cannabis growers in both the U.S and Canada have demonstrated faster plant growth for more harvests, more buds, bud biomass, and overall plant biomass and increased cannabinoid production.



Medical Marijuana Greenhouse

Sealed cannabis greenhouses that traditionally use CO₂ gassing get about 30% more plant yield. However, they gas CO₂ for up to 18 hours per day during the light phase meaning workers cannot operate in the grow room during that time. CO₂ Delivery Solutions™ aqueous CO₂ misting requires no additional CO₂ gas in the grow room so workers can operate safely throughout the day including the light phase. Open ventilation Cannabis greenhouses hoop houses, and shade houses have had no options to supplement their plants with CO₂ for enhancing yields, until now.

Aqueous CO₂ misting also stops micro-pathogen growth, such as powdery mildew. Age-old practices in Cannabis cultivation has led to the belief that the best practice to avoid powdery mildew colonization is to keep plant leaves dry. Aqueous CO₂ is slightly acidic so when applied, the pH on the plant leaf surface drops. The CO₂ transfers into the plant within 90 seconds at which point the pH rebounds back towards neutral. Misting is done for a few seconds every 15 minutes during the light phase. The pH volatility

during the light hour makes for an unfavorable environment for powdery mildew to spread. The process does not hurt the plants.

CO2 GRO's CO2 Delivery Solutions™ are starting to penetrate the Cannabis cultivation market. With ongoing research at Minnesota's St. Cloud State University and Canada's University of Guelph CO2 GRO's patent portfolio continues to grow with five filed patents and two licensed. In 2019 CO2 GRO was selected by Canada's California Trade Commissioner as one of the most innovative Ag-Technologies and by Life Sciences Ontario as an Ontario Canada success story. In 2020, CO2 GRO has been recognized by GHP MMJ award.

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