CO2 GRO Announces 45% Increased Commercial Cannabis Bud Value

written by Raj Shah | July 25, 2018

July 25, 2018 (Source) – *Results of First Dissolved CO2 Foliar Spray Cannabis Trial Demonstrates Dramatic Increases in Value and Growth Rates*

Toronto based CO2 GRO Inc. ("**GROW**" or the "**Company**") (TSX-V:GROW) is pleased to announce a 45% increase in cannabis bud value using GROW's patented dissolved CO2 Foliar Spray technology. CO2 Foliar Spray was applied to 120 commercial cannabis plants compared to 120 commercial control group cannabis plants which did not have CO2 Foliar Spray or CO2 gas applied.

Highlights:

1) bud weight – 22% increase in cannabis bud weight versus the control group bud weight.

2) growth speed – 33% faster vegetative plant growth to cannabis bud flowering versus the control group (vegetative growth is 60% of a full cannabis plant grow cycle). This shows the potential to grow one more cannabis crop per year by cannabis LPs that currently grow 5.5 crops per year.

3) bud quality – results from Health Canada accredited SGS Labs analyzing both dissolved CO2 and control buds were similar for THC, CBDs and CBNs.

This totals 45% bud value increase using dissolved CO2 Foliar Spray (122% in bud yield times 120% net faster plant

growth).There is no difference in the rate of plant growth during the latter 40% plant flowering stage as dissolved CO2 Foliar Spray is not applied.

John Archibald, CEO of GROW, stated, “We are delighted at the major increase in bud value and the initial trial knowledge gained which will help optimize future results. Increased biomass weight and plant growth speed to maturity is evident in all our non-cannabis plant CO2 Foliar Spray micro greens, lettuce, flowers and peppers trials to date. Our patented dissolved CO2 Foliar Spray technology simply mixes CO2 and water already used separately in greenhouses to more safely produce more plant value.”

About CO2 GRO Inc.

GROW’s mission is to accelerate all indoor and outdoor value plant growth naturally, safely, and economically using its patented advanced CO2 foliar technologies. GROW’s global target plant markets are retail food at $8 trillion per year (Plunkett Mar 2017), retail non-food plants at an estimated $1 trillion per year and legal retail cannabis that may reach $50 billion per year by 2022 (Bay St Analyst estimates).

GROW’s CO2 technologies are commercially proven, scalable and easily adopted into existing irrigation systems. GROW’s proven crop yield enhancements and revenue model are compelling for growers and Agri-industrial partners.

GROW’s sole focus is working with its plant grower and Agri-industrial partners in proving and adopting its CO2 technologies for specific growers’ plant yield needs.

The CO2 technologies work by transferring CO2 gas into water and foliar spraying across the entire plant leaf surface area, which is a semi permeable membrane. The dissolved concentrated CO2

then penetrates a leaf’s surface area naturally like nicotine naturally dissolves through human skin from a nicotine patch.

Foliar spraying natural nutrients and chemicals on plant leaves has been used for over 60 years by millions of indoor and outdoor plant growers. To date, outdoor growers have not had any way to enhance plant CO2 gas uptake for faster growth.

Indoor use of CO2 gassing has enhanced plant yields for over 60 years. However, over 50% of the CO2 gas is typically lost through ventilation. Current greenhouse CO2 gassing levels of up to 1500 PPM are also not ideal for worker health and safety. GROW’s safer dissolved CO2 foliar spray can be used by indoor and outdoor plant growers with minimal CO2 gas lost.

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