CO2 GRO's Second Cannabis Trial Yields a 60% Increase In Bud Value and a 75% Increase In THC

written by Raj Shah | August 8, 2018

August 8, 2018 (Source) – Toronto based CO2 GRO Inc. ("**GROW**" or the "**Company**") (TSX-V: GROW) is pleased to announce another positive commercial indoor cannabis grow trial. The second trial was on a leafier indica strain that yielded an estimated 60% increase in bud value whereas the first trial on a stringier sativa strain yielded an estimated 45%.

GROW's indica cannabis trial bud weight increased 20%, was grown 20% faster and had 75% more THC than the control bud group. CBD and CBN factors were also materially higher. GROW attributes the higher indica THC, CBD and CBN values to indica leaves being larger than sativa leaves. More dissolved CO2 was therefore absorbed by the larger indica leaves that led to more plant food creation and THC concentration.

SGS Canada Inc.'s indica bud THC results to GROW versus control buds grown from the same seedlings as determined by weight:

	THC % Dissolved CO2	**THC % No CO2**	**% Increase**
Current Trial (indica)	14.4%	8.2%	75%

Further Bud Value Optimization

GROW’s first two dissolved CO2 misting trials stopped as cannabis buds/flowers appeared. This utilized only 60% of the cannabis plants’ grow cycles. GROW intends to do a cannabis grow trial for 90% of a plant grow cycle to just before bud harvesting to determine if additional bud weight and THC content can be created.

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.

Forward-Looking Statements *This news release may contain forward-looking statements that are based on CO2GRO's expectations, estimates and projections regarding its business and the economic environment in which it operates. These statements are not guarantees of future performance and involve risks and uncertainties that are difficult to control or predict. Therefore, actual outcomes and results may differ materially from those expressed in these forward-looking statements and readers should not place undue reliance on such statements. Statements speak only as of the date on which they are made, and the Company undertakes no obligation to update them publicly to reflect new information or the occurrence of future events or circumstances, unless otherwise required to do so by law.*

Neither the TSX Venture Exchange nor its Regulation Services Provider (as that term is defined in the policies of the TSX Venture Exchange) accepts responsibility for the adequacy or accuracy of this release.