



## **CO2 GRO Inc. Files for Two Further Patents to Strengthen its Patent Portfolio Surrounding CO2 Delivery Solutions**

**TORONTO, ON September 4, 2019** (Access Wire) Toronto based CO2 GRO Inc. ("**GROW**") (TSX-V: GROW, OTCQB: BLONF, Frankfurt: 4021) is pleased to announce it is in the process of further strengthening its patent portfolio. GROW has filed two additional patent applications under the Patent Cooperation Treaty. The filings further secure GROW's intellectual property around nutrient delivery technologies, especially in the case of outdoor value crops, and nutrient constituents delivered. GROW now has five corporate patent filings of which four were made YTD 2019.

Together these protect GROW's unique nutrient delivery methodology which allows increased profitability to established growers, technological solutions to producers previously without nutrient delivery options, and minimizes the customers' environmental footprint in the context of conventional nutrient delivery methodologies.

GROW's CEO, John Archibald, commented "having a robust worldwide (PCT) patent portfolio can accrete significant value to our shareholders while protecting the company from would-be product technology copycats."

### **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 Delivery Solutions technology. GROW's global target plant markets are retail food at \$8 trillion per year (Plunkett Mar 2017) and retail non-food at an estimated \$1.2 trillion per year with retail tobacco at \$760 billion (BA Tobacco estimate), floriculture at \$100 billion by 2022 (MarketResearch.Biz estimate), legal cannabis at \$52.5 billion per year by 2022 (Statista) and legal US cannabis and hemp CBD at \$22B per year by 2022 (the Brightfield Group).

GROW's CO2 Delivery Solutions are commercially proven, scalable and easily adopted into existing irrigation systems. They work by dissolving CO2 gas into water for use across the entire plant leaf surface which is a semi permeable membrane. The dissolved CO2 molecules can then penetrate a leaf's surface area naturally, enhancing plant growth potential.

Foliar spraying of dissolved nutrients and chemicals on plant leaves has been used for over 60 years by numerous growers. To date, outdoor growers have had no way to enhance plant CO2 gas uptake for faster plant growth.

Indoor CO2 gassing has enhanced plant yields for over 60 years but 60% of the CO2 gas used is typically lost from ventilation. Current greenhouse CO2 gassing levels of up to 1500 PPM are not ideal for worker health and safety. GROW's safer CO2 Delivery Solutions can be used both

indoors and outdoors with minimal dissolved CO<sub>2</sub> gas lost and much greater CO<sub>2</sub> plant availability resulting in higher plant yields than both CO<sub>2</sub> gassing and no CO<sub>2</sub> gassing plant yields.

**Forward-Looking Statements** *This news release may contain forward-looking statements that are based on CO<sub>2</sub>GRO'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.*

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**For more information, please visit [www.co2gro.ca](http://www.co2gro.ca) or contact Sam Kanés, VP Communications at 416-315-7477.**