

C02 GRO Inc. Announces Progress Steps For Cannabis LP's to Use C02 Foliar Spray

written by Raj Shah | May 10, 2018



May 10, 2018 ([Source](#)) – C02 GRO Inc. (“GROW”) (TSX-V:[GROW](#)) is pleased to announce progress to having its patented C02 Foliar Spray technology approved for use by Canadian Licensed Producer (“LP”) cannabis companies. Health Canada’s Pest Management

Regulatory Agency StR Decision was that GROW’s dissolved C02 foliar spray water on cannabis in greenhouses and/or outdoors does not meet the definition of a pesticide as per Section 2 of the Pest Control Products Act.

Next approval steps are 1) to see if C02 foliar spray is a fertilizer subject to a Canadian Food Inspection Agency approval (“CFIA”) underway and 2) to see if C02 foliar spray that is 99.8% natural water will be approved by the Office for Medical Cannabis (“OMC”) for cannabis LP’s who are only allowed to use water in foliar spray.

GROW filed to exempt its naturally-dissolved C02 water for foliar spray use by Canadian LP companies in November 2017 under Section 8.11 of proposed Bill C-45 legalizing cannabis during the 60-day Open Season for Comments.

GROW’s next C02 foliar spray grow trials will shift to a number of large interested Canadian LP cannabis companies if the CFIA and OMC conclude LP use is allowed. GROW has six Access-to-Cannabis-for-Medical-Purposes-Regulations cannabis grow trials

underway in Ontario and one starting in the Maritimes. Buds from all grow trials will be analyzed for bud volume and independent chemical quality analysis of at minimum, THC, CBD and terpene levels.

According to John Archibald, GROW's CEO, "We are thankful that Health Canada recognized that the proposed use and composition of our dissolved CO₂ foliar spray technology was not a pesticide. We will proceed with a number of LP's that have expressed interest in our dissolved CO₂ foliar spray after CFIA and OMC approvals are received. In addition, we believe that using our CO₂ technology will cut greenhouse CO₂ gas use in half leading to not only additional plant yield but also improved human greenhouse worker safety from breathing unnecessary excess CO₂ gassing."

About CO₂ GRO Inc. (GROW.TSXV)

GROW's mission is to accelerate all value plant growth naturally, safely, and economically using its patented advanced CO₂ technologies.

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 for use across the entire plant leaf surface area, which is a semi permeable membrane. The dissolved concentrated CO₂ then penetrates the leaf's surface area naturally like concentrated nicotine dissolves through human skin into the bloodstream 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.

The indoor method of CO₂ gassing to enhance plant yields has also been used for over 60 years. However, over 50% of the CO₂ gas is typically lost and becomes a greenhouse gas. Current greenhouse CO₂ gassing levels used are not ideal for worker health and safety.

GR0W's safer CO₂ technologies can be used by both greenhouse and outdoor plant growers with minimal CO₂ gas lost when CO₂ is applied by foliar spray.

Target markets for CO₂ foliar spray are the global retail food market at \$8 trillion per year (Plunkett March 28, 2017), the global retail non-food plant market at an estimated \$1 trillion per year of which \$770 billion/y is tobacco (British American Tobacco website) and the high value legal retail cannabis market that may be \$50 billion per year by 2022 (Bay St Analyst estimates).

GR0W's CO₂ technologies are commercially proven, scalable and easily adopted into existing irrigation systems. GR0W's economic revenue model should be compelling to both grower and agri-industrial partners based on our preliminary new CO₂ grow trial results, and previous successful lettuce and algae grow trials.

Forward-Looking Statements

This news release may contain forward-looking statements that are based on CO₂ GR0 Inc.'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

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