

C02 GRO's successful foliage flower spray trials open up new opportunities

There's a lot of activity coming out of Canada with the recent legalization of cannabis, which has been very good for C02 GRO. Following this the desire to produce better and faster crops and flowers looks like the next challenge for C02 GRO to expand into new markets beyond cannabis.

C02 GRO Inc. (TSXV: GROW | OTCQB: BLONF) ("GROW") is a Canadian company with C02 technologies that are dedicated to increasing the growth of all indoor and outdoor value plants. The technology works by transferring C02 gas into water and foliage spray for use across the entire plant leaf surface area, which is a semi permeable membrane. The dissolved concentrated C02 then penetrates the leaf's surface area naturally, like concentrated nicotine dissolves through human skin into the bloodstream from a nicotine patch.

Previously C02 GRO has had good success in the cannabis market. The Company previously announced a 45% increased commercial cannabis bud value growth in trials. More recently the Company announced trials on flowers and peppers proving it's not only cannabis that can benefit.



CO2 GRO trials result in quicker growing flowers

On October 24, 2018 CO2 GRO announced a series of positive flower grow trials using dissolved CO2 spray versus no CO2 gassing at a commercial Michigan flower greenhouse. The first two trials were done in a large commercial greenhouse that does not use CO2 gassing. The dissolved CO2 sprayed flowers were healthier, showing more branching and side shoots with bigger, thicker leaves, and a more advanced root systems that delivers more water and nutrients up to the leaves. Importantly these flowers were commercially ready to ship 7-10 days faster at 32-35 days versus the control flowers requiring 42 days. The third and fourth trials resulted in bushier plants without additional stretching, with deeper more vibrant flower coloring. Propagation times were consistently reduced by one-third to 14 days versus the control flowers requiring 21 days.

John Archibald, CEO of GROW, stated: "We are really pleased with these Michigan flower results as the global flower market is a \$200 billion a year retail business. Flowers are more valuable than food on a greenhouse per square foot basis."



C02 GR0 trials on pepper yield great results

C02 GR0 have also been conducting pepper grow trials, with dissolved C02 sprayed plants receiving a 30% greater fruit yield and a 20% faster growing rate.

CEO John Archibald stated: "Until legal cannabis, the top two greenhouse crops in Canada were tomatoes at 38% and peppers at 33%. We can add plant yield and speed to maturity value to any greenhouse or indoor grow facility that does not use C02 gas, or to the 95% of the world's plant food grown outdoors, where it has been impossible to add C02 until now."

GR0W's global target plant markets are retail food at \$8 trillion per year, retail non-food plants at an estimated \$1 trillion per year, and legal retail cannabis that may reach \$50 billion per year by 2022.

The world has been discussing global warming and food shortages for years now. With almost a permanent drought in many continental climate type countries, the global food basket is under pressure.

With a mission to accelerate the growth of all value plants safely, economically, and naturally; using their patented advanced carbon dioxide technologies, GR0W now have proof in trials that their concentrated C02 foliage spray could well be a savior to the world's food shortages and of course don't forget the great results from cannabis trials.

GROW expect to continuously strengthen their patent portfolio as experience optimizing CO2 technologies for plant yields continues to evolve. Keep an eye on this company as they have something the planet definitely needs.

CO2 GRO revolutionizing cannabis with a 45% bud value increase

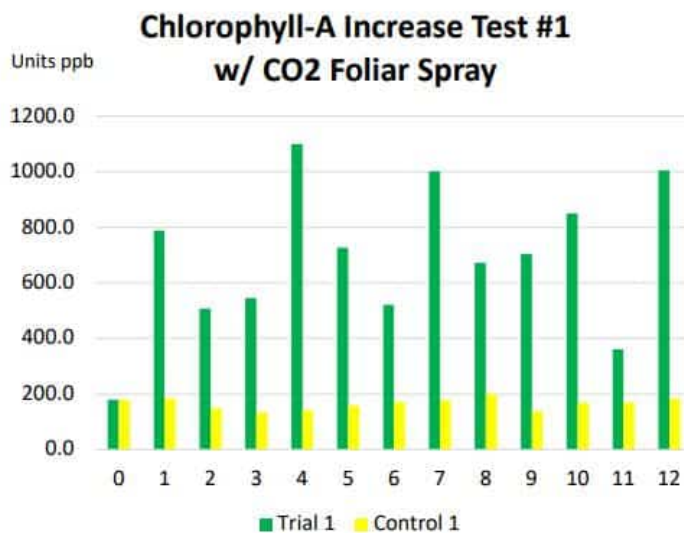
CO2 GRO Inc. (TSXV: GROW) ("GROW") is a Canadian company based in Toronto, Ontario just announced a 45% increased commercial cannabis bud value growth in trials yesterday. Using their CO2 technologies they are dedicated to increasing the growth of all indoor and outdoor value plants by increasing their clients' plant yields in a safe, sustainable and economic way. Their CO2 technologies are developed, proven and scalable. GROW are continuing to perform CO2 foliar spray grow trials for cannabis, lettuce, micro greens, flowers and peppers in various growing conditions, using their novel PCT patent pending CO2 Foliar Spray Technology.



CO2 GRO's mission

The technology works 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.

GROW has engaged St. Cloud State University research team to evaluate the veracity of its technology. Initial experimentation was designed to identify the impacts of long term (germination to harvest) exposure to CO2 enriched foliar spray. Results of this initial experiment showed a 4 fold chlorophyll sustained increase. Notable in these initial experiments is the rapidity of physiological response seen in CO2 exposed plants. This data is encouraging and consistent with the hypothesis of significant growth enhancement with CO2 delivery via foliar spray.



Trial verses control test

GROW also has a number of outdoor Canadian cannabis and hemp growth trials pending as well as indoor trials with large cannabis licensed producers (LPs). GROW has six ACMPRs cannabis growth trials underway, with recent results (announced July 25, 2018) showing a 45% increase in cannabis bud value using GROW's patented spray technology.

John Archibald, CEO and Director of CO2 GRO states: “The whole idea of the patent is it is very unique. It is the only patent in the world that we can find that talks about the spraying of CO2 infused water onto plants. The test results that we are getting now prove it out. We are doing micro-green trials as well. Those are a little shorter than the cannabis trials. There is a variety of companies out there that have gotten into this space both in North America and Europe and it is a huge opportunity for us because we give them that additional growth with the CO2 foliar spray”.

GROW’s global target plant markets are retail food (at \$8 trillion per year), retail non-food plants (at an estimated \$1 trillion per year), and legal retail cannabis that may reach \$50 billion per year by 2022. 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 growing global population and climate change could create food shortages and a heavy demand on fresh food and water supply to feed the planet. The investment opportunity is enormous when one considers the size of the potential market. This is great news for CO2 GRO Inc.