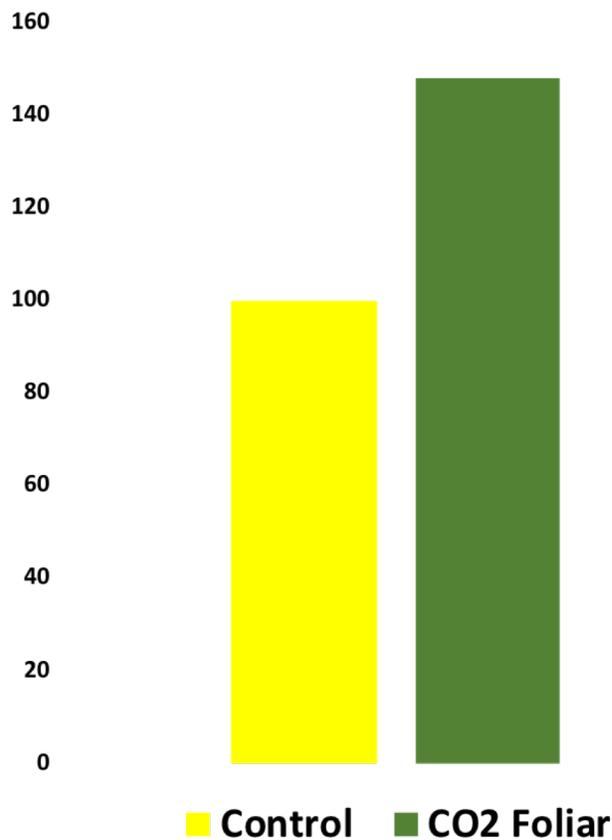


Indica Cannabis Strain Trial Results

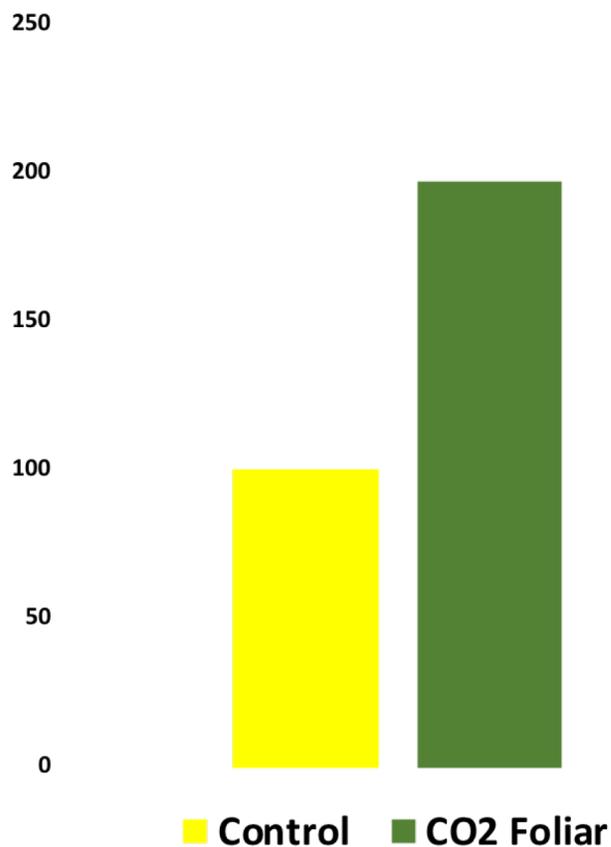
Indica cannabis strain grow trials were performed at a Toronto area ACMPR. The bud yield, speed to maturity and THC and CBD concentration results were very positive and are documented in this report. Plants were hand sprayed. The Control Group plants were sprayed with normal water. The 120 commercial CO2 Foliar Group plants were sprayed with water semi-saturated with dissolved CO2 and sprayed onto the leaf surface by a hand spray device. There were also 120 commercial cannabis plants in the Control Group cannabis plants, which did not have CO2 Foliar Spray or CO2 gas.

Plant Size



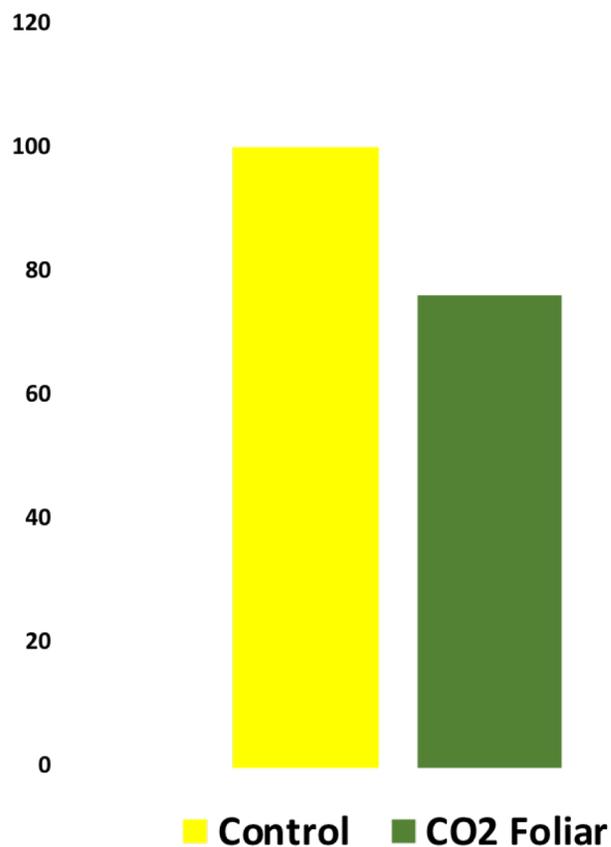
Both the Indica plant size and the leaf size showed early signs of increase in the CO2 Foliar Group versus the Control Group. The plants' size increased by 40+ percent. There was a marginally greater increase in plant height than breadth. The CO2 Foliar Group leaf size was nearly double the Control Group and showed the first signs of increased growth with the most dramatic increase. These results tracked our Ag-Sci research where plants' chlorophyll A increased by 4 times. No measurements were taken of the plant roots on either the Control or CO2 Foliar plants.

Leaf Size



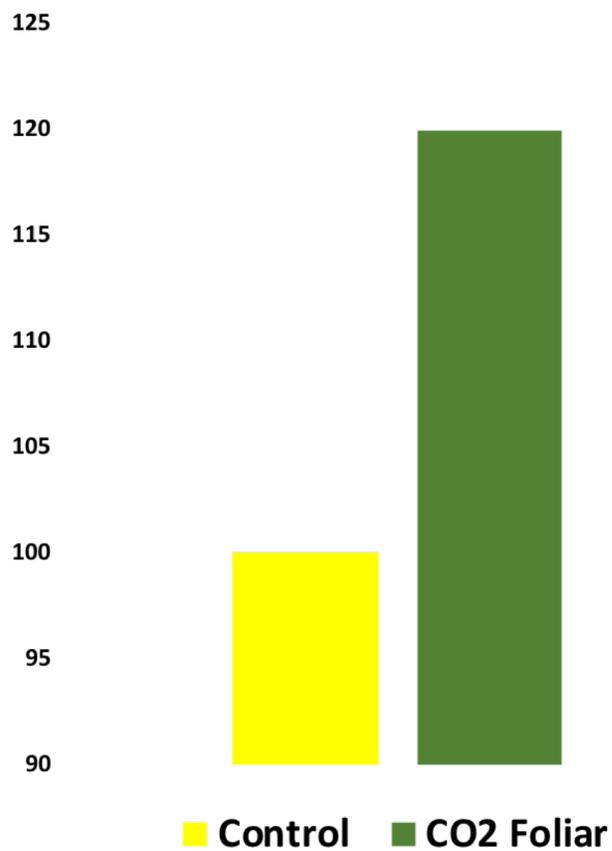
Vegetation time in the vegetative plant growth stage to cannabis bud flowering of the CO2 Foliar Spray Group versus the Control Group was 31.5% faster. The vegetative growth phase is 60% of a full cannabis plant grow cycle. This accounts for a net 18.9 % increase in vegetation of the plants. The net result shows the potential to grow one more cannabis crop per year by cannabis LPs. They currently grow 5.5 crops per year. No more growth infrastructure (buildings, lights, etc.) is needed to take advantage of this increase.

Vegetation Time



The bud weight harvested from the CO2 Foliar Spray Group was 22% greater by weight than the Control Group. The quality of the buds to the eye was the same. No foliar spray was applied to the buds.

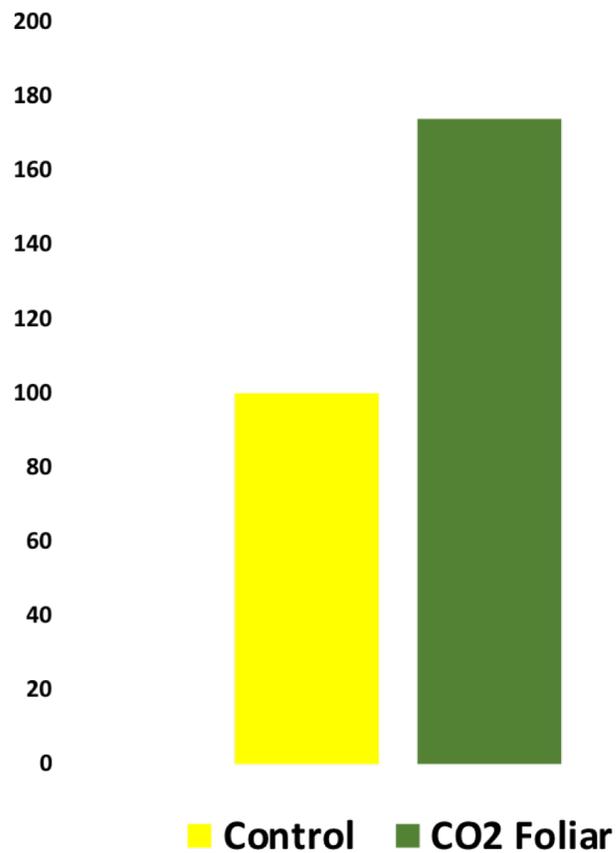
Bud Weight



The bud THC and CBD levels were analyzed by SGS Laboratories. SGS is accredited by Health Canada for the analysis of cannabinoids. The CO2 Foliar Spray Group had a 74% increase in total THC versus the Control Group.

Similarly, the CBD levels increased by 89% of the CO2 Foliar Spray Group versus the Control Group.

Bud THC Content



Results of independent plant physiology have shown:

- An increase in conductance of CO₂ using CO₂ Foliar Spray by as much as a factor of eight times
- An increase in the growth of chlorophyll A by as much as a factor of four times using CO₂ Foliar Spray technology
- When deploying CO₂ Foliar Spray transferred into the leave on both the top and bottom of the leaf; top being irrespective of the leaf stomata.

Total bud value, including increases due to vegetation time, increased bud weight and increased THC content is 252%.

