

How CO2 Foliar Spray Affects Microgreens

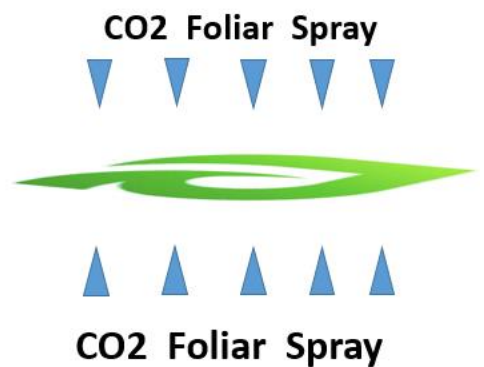
Helping Growers Increase Crop Yield / Revenue
and Lower Cost

Microgreens

Microgreens are nutrient packed miniature versions of normal vegetables. They have gained massive popularity as both a way to add powerful flavour and as garnishes. The appeal for growers is the incredibly short growth period that can be reduced to just a few days for some crops. The addition of CO2 foliar spray will produce much higher yields even for crops with such short growth cycles.

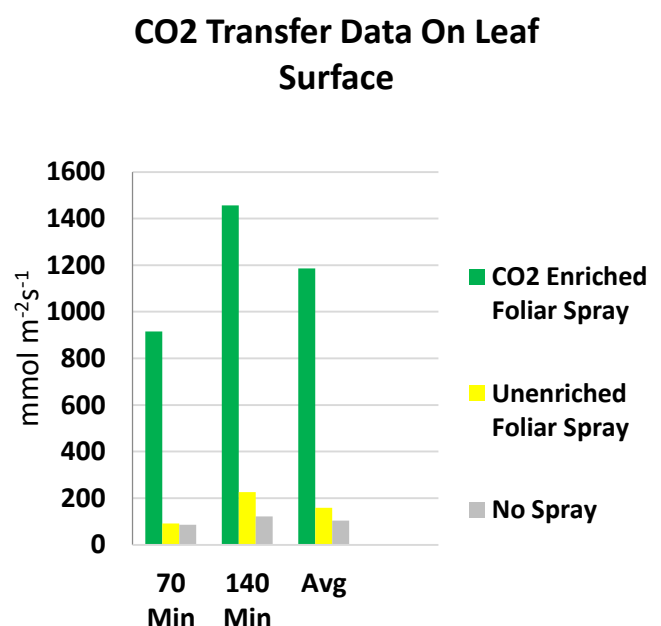
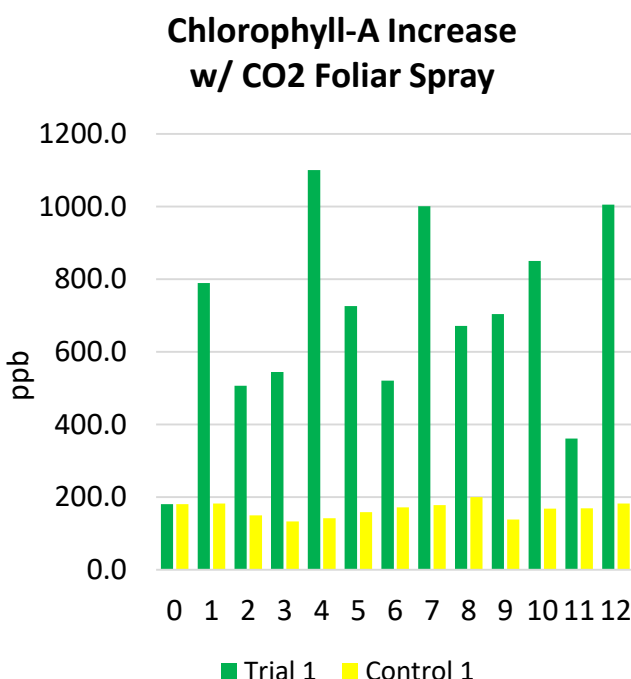
Key Features and Benefits

- Proven to significantly increase plant growth
- Both indoor and outdoor delivery capability
- Lower costs - greenhouse CO2 OPEX savings
- Easily integrated into ALL existing irrigation systems
- Negligible CO2 gas losses indoors & outdoors
- Ease of operation, simple equipment components and controls



CO2 Foliar Spray Test Results

Studies performed at St. Cloud State University, on pepper plants, have shown:



Microgreen Production with CO2 Foliar Spray

Research was performed at Greenbelt Microgreens in Lynden, Ontario. Arugula and lettuce microgreens were tested over several months. The yield weights of the treated plants increased to be 8%-35% over the control plants.

Lettuce Microgreens



Lettuce Microgreens four days after starting CO2 dissolved treatments. The left picture shows CO2 treated lettuce and the right shows the untreated lettuce that was seeded the same day. The treated lettuce foliage filled its plastic cells while the untreated crop has visible soil in all cells and has only grown to about half the size.

Arugula Microgreens



Arugula Microgreens six days after starting CO2 dissolved treatments. The left picture is of the treated arugula while the right picture shows the untreated arugula. The treated arugula is slightly taller and materially bushier with more branches.

sales@co2gro.ca

1-888-496-1283

www.co2gro.ca