CO2 GRO Inc

How CO2 Foliar Spray Affects Lettuce Plants

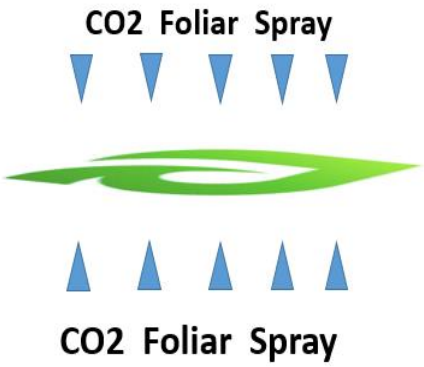
Helping Growers Increase Crop Yield / Revenue and Lower Cost

Lettuce Plants

Lettuce is a very popular vegetable that is mostly grown as a leaf vegetable but sometimes for its stem and seeds. Lettuce is most often used in salads but is also used in many other kinds of food such as soups and sandwiches. Most lettuce crops normally take between 50-100 days to mature depending on the variety, where heading varieties such as romaine take longer to grow. Shortening this longer growth time would be greatly beneficial as lettuce is used globally and is in high demand.

Key Features and Benefits

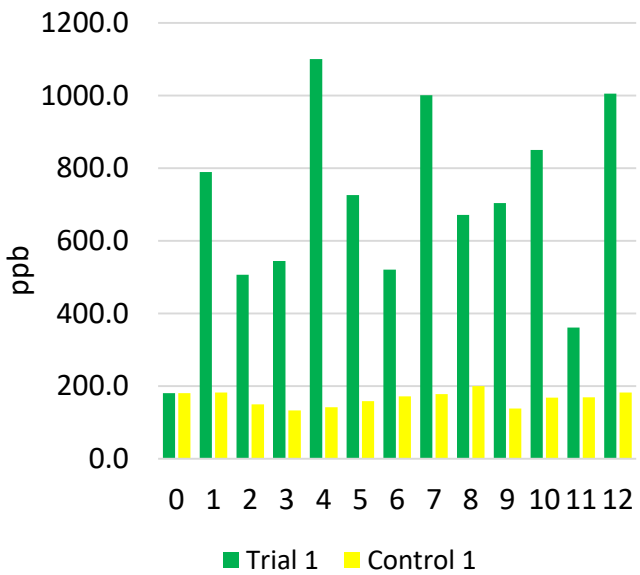
- **Proven to significantly increase plant growth**
- **Both indoor and outdoor delivery capability**
- **Lower costs - greenhouse CO2 OPEX savings**
- **Easily integrated into ALL existing irrigation systems**
- **Negligible CO2 gas losses indoors & outdoors**
- **Ease of operation, simple equipment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



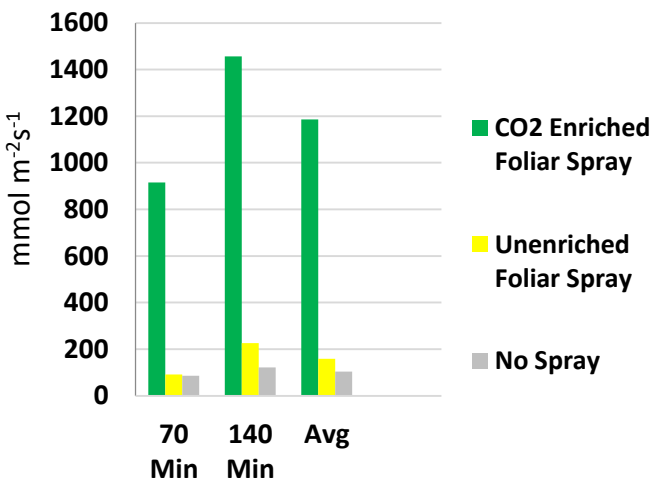
CO2 Foliar Spray Test Results

Studies performed at St. Cloud State University, on pepper plant's, have shown:

Chlorophyll-A Increase w/ CO2 Foliar Spray



CO2 Transfer Data On Leaf Surface

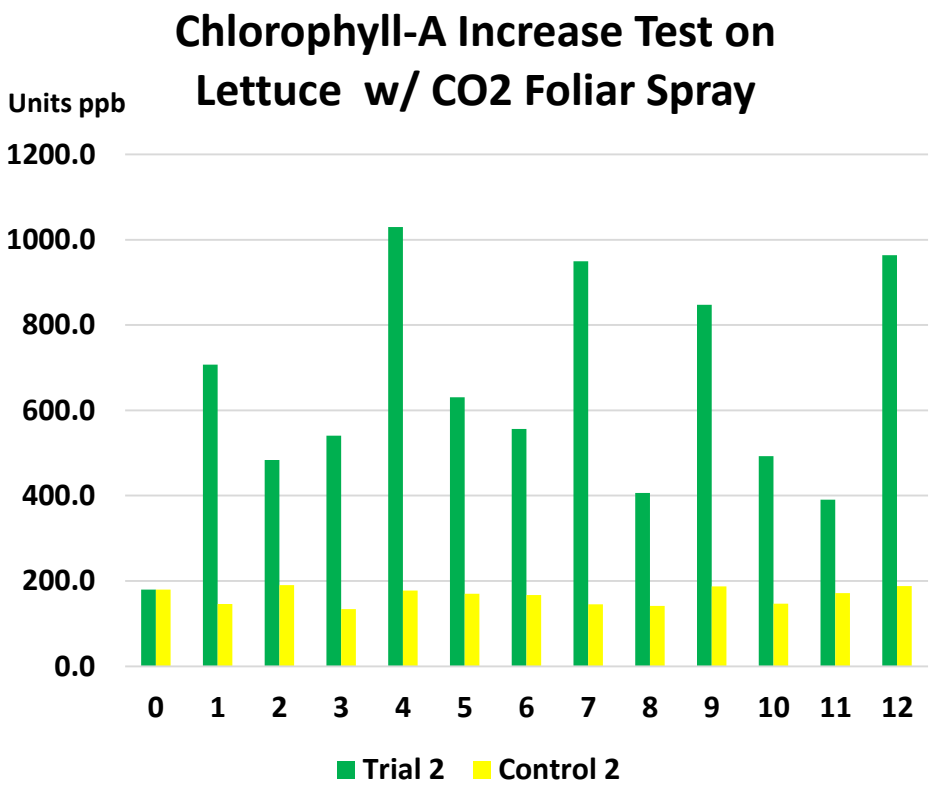


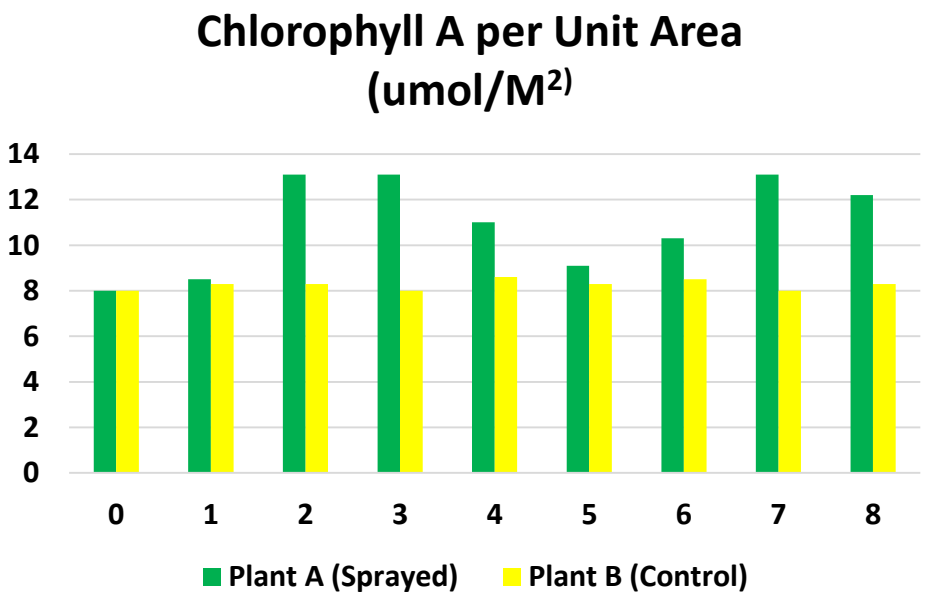
www.co2gro.ca

CO2 GRO Inc

Lettuce Test Results

Romaine lettuce was sprayed in 15 minute intervals for a four hour session with CO2 enriched water. During each spray, a small portion of a leaf was cut and the chlorophyll A extracted. The results showed a four fold increase in the chlorophyll A levels of the treated plants compared to the untreated plants. Additionally, the treated lettuce displayed a larger leaf mass, increased rate of growth, and thicker / fuller growth.





sales@co2gro.ca

1-888-496-1283

www.co2gro.ca