

How CO2 Foliar Spray Affects Flower Growth

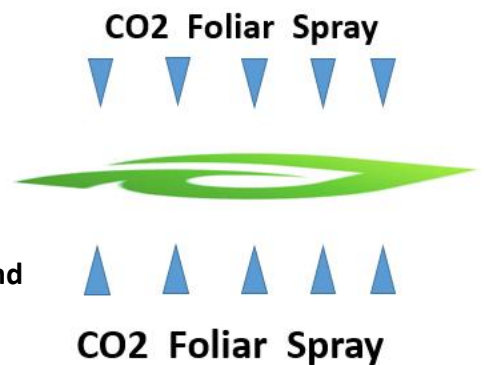
Helping Growers Increase Crop Yield / Revenue
and Lower Cost

Flowering Plants

Unlike other crops, the focus of growing flowers is not the size or shape of the leaves of the plant but on the flowers themselves. Flowers can be incredibly delicate with dying risk from small nutrient imbalances that leave the rest of the plant unharmed. The inclusion of CO2 foliar spray keeps flowers healthy and increases the amount that a plant can produce.

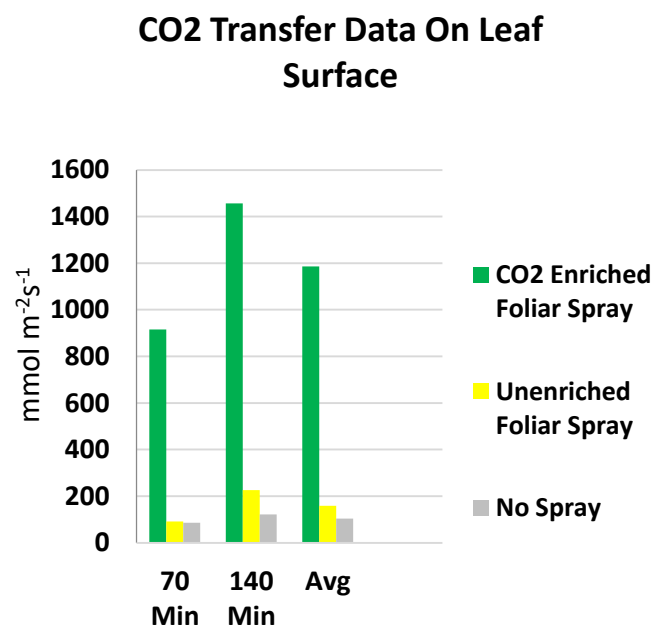
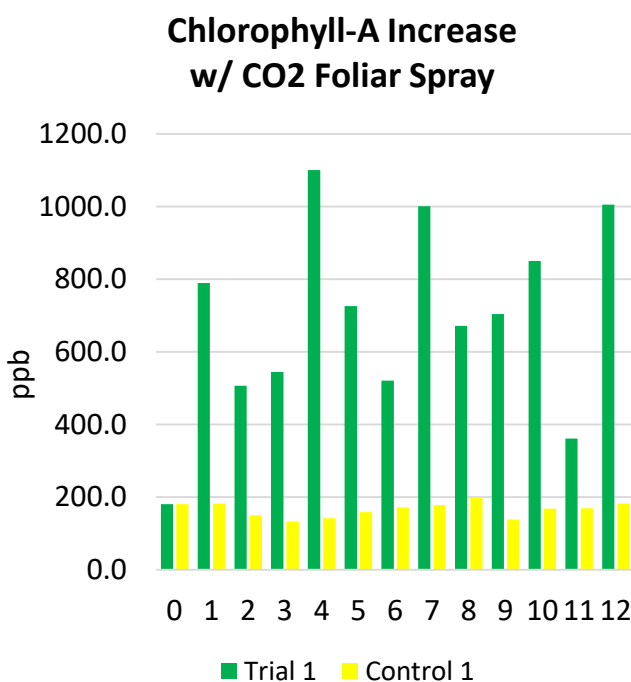
Key Features and Benefits

- 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:

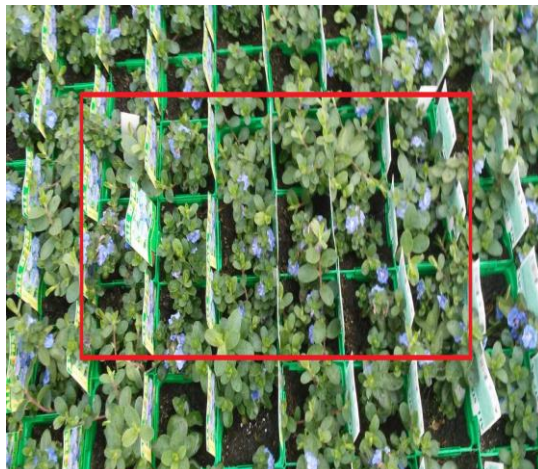


How CO2 Foliar Affects Flower Growth

- Larger leaf mass
- Improved growth canopy
- More new growth, plants are brighter
- Increased number of branches & flowers
- Plants grow to be thicker and fuller
- Increased rate of growth



Angelonia treated with CO2 foliar (right) and untreated (left)



Evolvulus treated with CO2 foliar is shown within the red box. While all surrounding plants are untreated.



Scaevola Blue treated with CO2 foliar (red square). Note the increased number of flowers compared to the surrounding untreated plants.

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