

## FLOWERS FEASIBILITY

Atmospheric enrichment of CO<sub>2</sub> by gassing in protected horticulture operations has enhanced plant yields for decades. However, even sealed greenhouses must vent during warmer months resulting in the CO<sub>2</sub> gas escaping outside. This makes maintaining CO<sub>2</sub> gas levels of >800 ppm very difficult. Non-sealed structures such as hoop houses, tunnels, shade and net houses have open ends, roofs or are porous, making CO<sub>2</sub> gassing virtually impossible.

This means the vast majority of the 600 billion square feet of protected growers worldwide are not able to take advantage of CO<sub>2</sub> enrichment which is proven to result in up to 30% more yield as plants are able to enhance photosynthesis. [CO2 GRO's](#) patented revolutionary [CO2 Delivery Solutions™](#) enables ALL protected grows to consistently deliver optimal amounts of CO<sub>2</sub> to their plants via misting a saturated CO<sub>2</sub> solution, resulting in **higher yields, faster growth, safely and profitably.**

### Results:

- More branching & side shoots = **more flower buds.**
- Bigger, thicker leaves.
- More advanced root systems.
- No undue stretching of the plant.

### Flower Demo:

Demonstrations were conducted at a Michigan floriculture greenhouse on Blue Fan and Angelonia varieties resulting in bushier plants and larger leaves without additional stretching, and more flower buds. Treatment plants were misted with saturated CO<sub>2</sub> solution and control was at ambient conditions.



Blue Fan treated with CO<sub>2</sub> solution (red square)\*

\*Note the increased number of flowers compared to the surrounding untreated plants.



Angelonia treated with CO<sub>2</sub> solution (red square)\*

\*Note the fuller, thicker canopy compared to the control.

All results shown were observed in demonstrations of CO<sub>2</sub> Delivery Solutions. Results may vary according to crop and growing conditions. CO<sub>2</sub> Delivery Solutions is not intended for use as a pesticide or herbicide. CO<sub>2</sub> Delivery Solutions is sold as a novel method for delivery of CO<sub>2</sub> to plants.

Delivering CO<sub>2</sub> to Growers Everywhere.

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