

PEPPERS FEASIBILITY

Atmospheric enrichment of CO₂ by gassing in protected horticulture operations has enhanced plant yields for decades. However, even sealed greenhouses must vent during warmer months resulting in the CO₂ gas escaping outside. This makes maintaining CO₂ 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 CO₂ 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 CO₂ 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 CO₂ to their plants via misting a saturated CO₂ solution, resulting in **higher yields, faster growth, safely and profitably**.

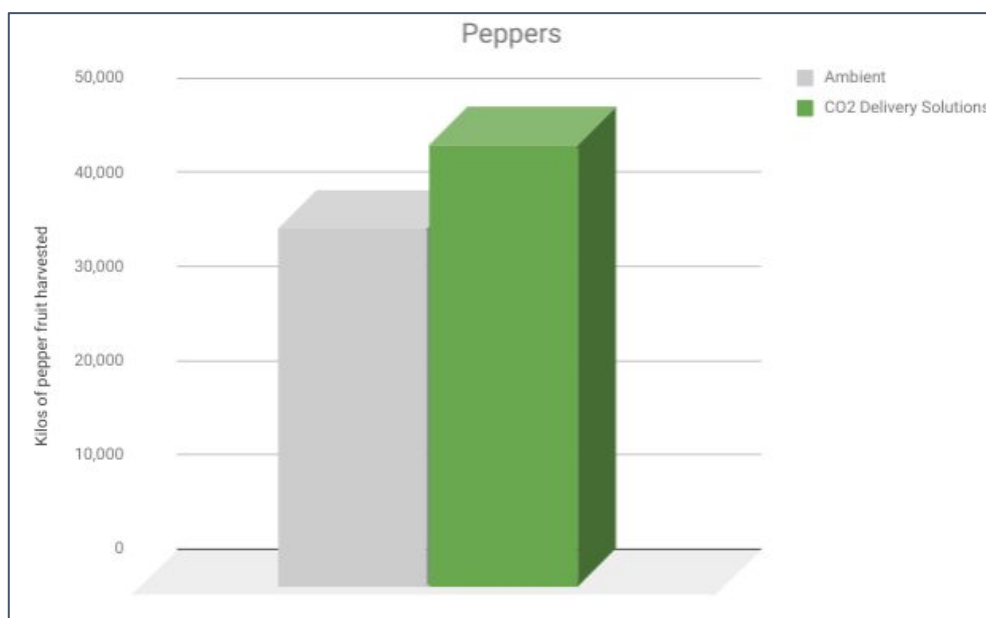


Benefits:

- **20%** fruit increase vs ambient CO₂.
- **100%** increase in gross profit.

Peppers Feasibility:

Commercial Feasibility was conducted on bell peppers with Hidroexpo in El Salvador. ½ of a one-hectare open sided greenhouse was misted with saturated CO₂ solution versus ½ hectare ambient CO₂ conditions. The feasibility began in October 2020 and concluded at the end of April 2021 for one 24 week harvest cycle.



"We are impressed with the nearly **20% yield improvement** as a result of applying CO₂ solution through our existing misting systems. The feasibility is being conducted at a scale which provides us the confidence that the results are accurate."

- *Rodrigo Martinez, General Manager, Hidroexpo.*

All results shown were observed in demonstrations of CO₂ Delivery Solutions. Results may vary according to crop and growing conditions. CO₂ Delivery Solutions is not intended for use as a pesticide or herbicide. CO₂ Delivery Solutions is sold as a novel method for delivery of CO₂ to plants.

Delivering CO₂ to Growers Everywhere.

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