



# Tri-State Carbonation Service

## CARBON DIOXIDE ENRICHMENT

CO<sub>2</sub>

- The air today has a natural CO<sub>2</sub> concentration level of 350 - 400ppm. Plants have ability to consume up to 1500ppm of CO<sub>2</sub>.
- Supplementing CO<sub>2</sub> can increase yield and growth by 20% or more.
- When using high powered lights, CO<sub>2</sub> supplementation increases plants ability to photosynthesize.
- Adding CO<sub>2</sub> can make plants more resistant to heat and light stress.
- CO<sub>2</sub> burners emit other gases during combustion that can be detrimental to plant health. A steady supply of CO<sub>2</sub> gas is the most effective method for carbon dioxide supplementation.



**CALL US TODAY or VISIT OUR WEBSITE!**  
(866) 763 - 2427 | [www.tcsco2.com](http://www.tcsco2.com)



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## CARBON DIOXIDE EXTRACTION

- CO<sub>2</sub> is known as a “tunable solvent” making it extremely versatile for creating a multitude of end products by controlling temperature and pressure.
- Carbon Dioxide is cleaner, more efficient and less expensive than other chemical solvents.
- Minimal extraction times and higher yields!
- Non-beverage grade CO<sub>2</sub> can contain high levels of sulfur, benzene, acetaldehyde, ammonia and other impurities that affect product quality.
- A steady supply of beverage grade CO<sub>2</sub> gas is the most effective method for carbon dioxide supplementation.
- ZERO residual solvent content as CO<sub>2</sub> evaporates away.

CO<sub>2</sub>



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