The Nano Gas™ process enables the rapid infusion of virtually any gas into water through the creation of nanobubbles.

The small size of nanobubbles endows them with unique properties, such as:

- Extreme longevity in solution
- Large increase in interfacial surface area and,
- Efficient and rapid transfer of gas into liquids.

Nano Gas™ infuses over 50 ppm of O_2 in water without off-gassing.

Agricultural Applications of the Nano Gas™ process

The Nano Gas™ process is an effective way to deliver increased levels of oxygen for:

Crop Irrigation

- increases plant growth
- improves root structure – nutrient uptake
- reduces susceptibility to disease

Hydroponics

- enhances plant growth and root development
- reduces seedling transplantation shock
- promotes growth of beneficial microbes

Cleaning agents

- removal of contaminants from food surfaces
- inactivation of pesticides
- elimination of potential pathogens

Ready for Deployment

The Nano Gas™ process is: fully mobile, energy efficient, cost-effective, non-clogging and scalable.

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