



# MICRO-SPRAY SYSTEM

Better Biosecurity's micro-spray system is a revolutionary bio-security solution designed to help growers control and defend against the spread of infectious diseases. Our technology is a safe, non-toxic and highly effective solution for preventing the spread of viruses and bacteria within livestock facilities. The micro-spray system is supported by over 10 years of research and builds on technology originally developed by the U.S. Department of Energy as a defense against large-scale viral and bacterial outbreaks.



The micro-spray system works by converting an EPA-registered disinfectant ("Paerolyte") into tiny vapor particles, which appear like a fog and diffuse naturally throughout an entire treatment area, killing bacteria, viruses, and mold spores both in the AIR and on SURFACES. Paerolyte is 100% USDA certified organic and contains an all-natural ingredient called Hypochlorous Acid or HOCl. HOCl is 80x more powerful than bleach, yet is completely safe for human and animal exposure. Paerolyte research studies have shown efficacy rates greater than 99.99% in dozens of pathogens including PRRS, MG virus, E. Coli, Avian Flu, C. Diff, and African Swine Fever Virus.

- ✓ Lower Mortality Rates
- ✓ Lower Feed Conversion
- ✓ Less Use of Antibiotics
- ✓ Reduced Pathogen Load
- ✓ Increased Rate of Gain
- ✓ Increased Profits



*(Data Package Available Upon Request)*





The micro-spray system is scalable for any size facility and will treat a 225,000 cubic foot barn in approximately 10-15 minutes. The micro-spray system can be used during any stage of the growth cycle to control the spread of disease, as well as between growth cycles to enhance any existing disinfecting protocols. Paerolyte may also be applied directly throughout the livestock facility using traditional spray applicators (e.g., power washers), replacing any chemical-based disinfectants with a safe, non-toxic and more effective solution.

## Product Specifications:



- Configuration: Available as fixed Installation or portable unit
- Coverage Area: Each head covers 55,000 cubic feet
- Run Time: 10 – 20 minutes daily (Recommended)
- Volume: Each unit delivers approximately 4oz of Paerolyte per minute.
- Installation: Each unit is delivered with a complete installation kit (fittings, tubing, etc.), and an instructional video
- Air Compressor: Each head requires 4.5 scfm @ 45 psi
  - 2-head system: 45 psi, 10.6 scfm
  - 4-head system: 45 psi, 19.6 scfm



- Quantity: Available in 1, 5, 15, 55, and 275 gallon containers
- On-Site Production: Paerolyte may be produced on site with Better's proprietary fluid generator
- Product Safety: No health hazards for humans or livestock  
No environmental hazards
- Preparation: No mixing or concentrates  
No wipe down or rinse required

