



Study Proves Effectiveness UVZone® Shoe Sanitizing Station Against PRRSV and PEDV

St Petersburg, FL -- Researchers from the University of Minnesota Swine Group tested the efficacy of PathO3Gen Solutions UVZone Shoe Sanitizing Station against PRRSV and PEDV. They concluded that inactivation of PRRSV was on average, greater than 99% on both rubber and polyblend materials after 8 seconds. Inactivation of PEDV was on average 98.55% on rubber soles and greater than 99% on polyblend materials after 8 seconds.

Researcher Cesar Corzo, DVM, MS, Ph.D., Associate Professor, Department of Veterinary Population Medicine, University of Minnesota says, ***"Our study found the UVZone Shoe Sanitizing Station is an effective and easy-to-implement new technology. This tool should help simplify and increase biosecurity compliance in swine production facilities."***

Swine producers' success in minimizing livestock's exposure to disease-causing pathogens depends on bio-exclusion (avoiding the entry of a new pathogen), bio-management (controlling the level of pathogens already on the farm), and bio-containment (preventing the spread of pathogens to other farms), each of which presents unique challenges but is critical to the health of animal facilities.

Pathogens carried into and out of livestock areas on worker clothing and footwear are often the most difficult to manage. Worker compliance, types of disinfection tools in place, and the biosafety "culture" of farms vary, creating a need for innovative tools to reduce bioburden. Typical protocols include controlling traffic onto the site, especially from other farms; ensuring deliveries, and pickups (semen, deadstock, and garbage) take place at a proper distance from the livestock; and controlling wildlife populations near livestock.

The results of this recent study provide strong data showing the UVZone Shoe Sanitizing Station may be beneficial as an added biosafety tool in swine production facilities.

About the UVZone® Shoe Sanitizing Station

The UVZone Shoe Sanitizing Station is an innovative multi-patented disinfection technology delivering the combined power of UV-C light and ozone utilizing Corning® HPFS® Fused Silica glass windows. It has been proven to eliminate up to 99.999% of the most harmful pathogenic microorganisms including spore-forming and non-spore-forming bacteria, and encapsulated and non-encapsulated viruses from shoe soles in ≤ 8 seconds. The UVZone Shoe Sanitizing Station is NSF International tested, TÜV SÜD Certified, EPA Registered, and manufactured in an ISO 9001-2015 facility in the USA.

About PathO3Gen Solutions

PathO3Gen Solutions (www.patho3gen.com) is a privately held Florida-based company holding multiple patents on their technology and equipment. Their sole mission is to create cleaner, safer environments.