



## PRESS RELEASE:

**New study determines AHP® is effective for use in disinfectant footmats**  
**February 23, 2017**

**Oakville, ON:** Virox Animal Health™, a division of Virox Technologies Inc. and creators of the patented Accelerated Hydrogen Peroxide® (AHP®) technology announced today the successful completion of a research study which concluded that AHP® is an effective disinfectant for use in footmats. The first published report evaluating AHP® in a footmat application was recently released by researchers at Colorado State University Veterinary Teaching Hospital. The study concluded that AHP® based disinfectant footmats, effectively reduce the bacterial load on footwear in large-animal veterinary hospitals. Footbaths and footmats within room entrances are employed in many North American Veterinary Teaching Hospitals, to decrease the transmission of pathogenic microorganisms on contaminated footwear.

The study published in the Journal of Veterinary Internal Medicine ([doi: 10.1111/jvim.14576](https://doi.org/10.1111/jvim.14576)), evaluated the use of four different disinfectants (AHP®, Phenolic, QUAT and VIRKON) applied to disinfectant footmats to reduce bacteria present on footwear after use in a contaminated large animal hospital stall. For AHP® testing, the footmats were soaked in 4.25% AHP® solution at a 1:16 dilution and underwent a 10 minute contact time before the boots were sampled and cultured. The cultures aimed to quantify the reduction in total number of viable bacteria and total number of viable coliform bacteria on boots. AHP® showed the greatest reduction in total bacteria counts compared to other disinfectants, with a 45% reduction. All the disinfectants revealed significant reductions in Gram-negative bacteria counts and AHP® specifically revealed a 35% reduction. The researchers suggest that disinfectant footmats can be used to decrease colony forming units (CFUs) for total bacteria and Gram-negative bacteria on the soles of overboots under conditions that stimulate use in a large animal veterinary hospital.

“Preventing the transmission of pathogenic microorganisms and breaking the chain of infection is crucial to ensure the health of humans and animals.” Says Randy Pilon, President and CEO of Virox Technologies Inc. “Our patented AHP® disinfectant technology has the ideal balance of being gentle on animals, people, equipment and the environment, making it successful in numerous applications. We are excited to have our effectiveness revealed for the first time in footmat applications and look forward to future implementation of our technology.”

Virox Animal Health™ has taken a Deliberately Different™ approach to infection control and biosecurity in the animal health industry, by providing disinfectants that are faster, cleaner, responsible, sustainable and compatible. Virox believes “Together we can improve human and animal health by breaking the chain of infection before it starts”. For more information on Virox Animal Health, Accelerated Hydrogen Peroxide® (AHP®) and the numerous scientific studies supporting the effectiveness of AHP®, please visit [www.viroxanimalhealth.com](http://www.viroxanimalhealth.com).

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