CID LINES
An Ecolab Company

WHERE HEALTH BEGINS

Proven data to support the election of a cleaner in the animal production

In animal farming, cleaning and disinfecting farm environments are crucial strategies for mitigating infection risks and enhancing economic efficiency (Luyck, et al., 2015). An effective cleaning regimen not only ensures desired health outcomes but also contributes to the overall economic efficiency of farm operations.

A well-performed cleaning procedure can effectively remove over 90% of microorganisms in a given area, preparing the surface for a proper disinfection process. The efficacy of a disinfectant is strongly tied to the reduction of microbial load achieved during the cleaning process. To demonstrate this principle, comparative trials were conducted by CIRLAM Laboratory to evaluate the efficacy of Kenosan in comparison to its main competition.

The results of the trial showed that Kenosan outperformed its competition, exhibiting the highest level of cleaning removal even on a sticky and greasy soil with beef grease and pork brain, when diluted at 1% with a contact time of 15 minutes (Figure 1). Additionally, when diluted at the minimum dosage, Kenosan demonstrated outstanding results on the same soil type with different contact times, further reinforcing its strong efficacy and efficiency (Figure 2).

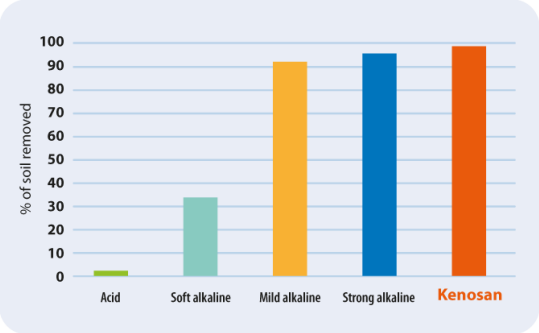

Figure 1. Cleaning efficacy of product diluted at 1% in tap water. Contact time 15 min. Soil beef grease and pork brain.

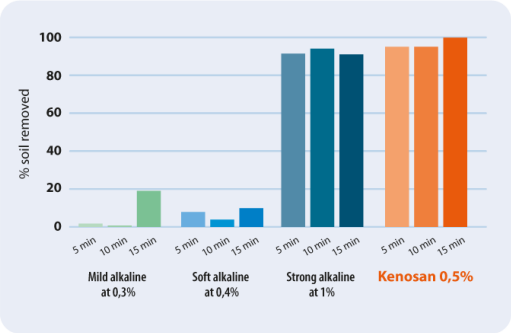

Figure 2. Cleaning efficacy comparison of products diluted at minimum dosage, following the guidelines mentioned at the product's technical data sheet. Soil type: Soil beef grease with pork brain.

The trial also investigated the foaming capacity of Kenosan in comparison to its competition. In this regard, Kenosan exhibited a 35% higher foaming capacity, which facilitates better adhesion and persistence on surfaces, ensuring proper penetration on dirty surfaces and the elimination of robust organic matter.

Investing in specially formulated and efficient detergents like Kenosan enhances the cleaning and disinfection procedures, making daily tasks on the farm more manageable without compromising quality or results of the process.

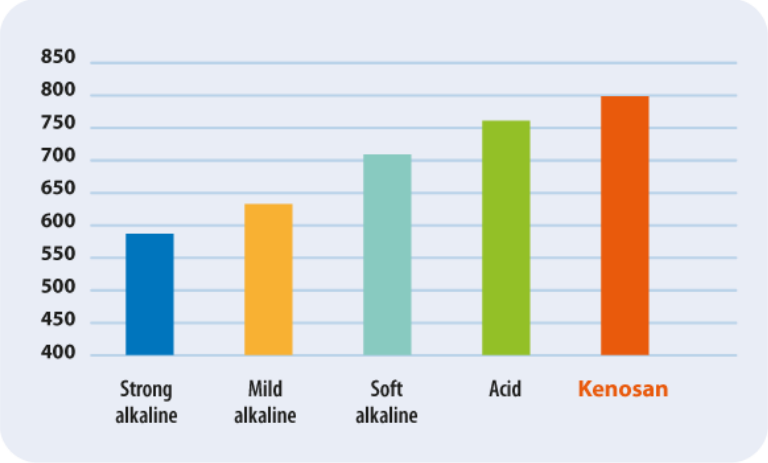

Figure 3. Foam creation in mL performed by SITA foamer tester R - 2000. Products are tested at 1% dilution in tap water with 250 mL volume sample stirred during 20 seconds at 2000 rpm at 20 º