



## RESULTS OF EXPERIMENTAL EXPOSURE TRIAL

The use of an antimicrobial to clean and sanitize the teat area before and after milking is an accepted practice proven to reduce the incidence of mastitis in cows. Mastitis is best controlled by killing the two main pathogens that cause it — *Staphylococcus aureus* and *Streptococcus agalactiae* — by using a pre- and post-dip that destroys these organisms.

Nisin, the naturally-occurring antimicrobial used in **Wipe Out**® Dairy Wipes, was evaluated in testing procedures consistent with the protocols recommended by the National Mastitis Council. These data demonstrated that Nisin is effective in killing the leading bacteria that cause mastitis, while maintaining excellent teat condition.

Mastitis-Causing Organisms	Organism Reduction Using Nisin
<i>S. aureus</i>	99.9%
<i>S. agalactiae</i>	99.9%
<i>E. coli</i>	99%
<i>S. uberis</i>	99%
<i>K. pneumoniae</i>	99%

Reference: J. Dairy Science 75:3185-3192