



DAIRY PRODUCTION

Reduced contamination level and improved production performance and profitability

DID YOU KNOW?

The only way to address and eliminate biofilm risks is to strip the biofilm, prevent its re-growth and kill the microbial contamination



dutrion® "golden" Chlorine Dioxide:

- Improves health and performance of dairy cows & calves!
- Very fast and long active to clean waterlines till the far end
- Does not have pH limitation and is not corrosive for equipment
- Final elimination of (waterborne) pathogens in lines and troughs
- Huge decline in somatic cells on almost all farms using it
- High efficacy against E-coli, Staphylococcus Aureus, etc
- Easy to apply, easy to monitor and very safe
- Very cost effective compare to all other disinfectants
- NO INVESTMENT COSTS TO START; use dosing pump



CLO2 Germicidal Spectrum

Bacteria

Pseudomonas Aeruginosa
 Campylobacter Jejuni
 Pseudomona Specie
 Flavobacterium Species
 Enterobarcter Cloaceae
 Yersinia Enterolitica
 Enterobarcter Hafnia
 Clostridium Sporogenus
 Proteus Vulgaris
 Clostridium Dificile
 Klebsiella Pneumoniae
 Clostridium Perfingens
 Salmonella Typhi
 Fusobacterium Nucleatum
 Salmonella Enteritidis
 Bacilus Subtilis
 Salmonella Gallinarum
 Bacilus Circulans
 Salmonella Typhimorium
 Bacilus Megatarium
 Salmonella Choleraesuis
 Bacilus Cereus
 Salmonella Typhosa
 Bifedibacter Liberium
 Corynebacterium Nucleatum
 Staphylococcus Aureus
 Sarcinae Lutae
 Staphylococcus epidermia
 Streptococcus Pyrogenes
 Streptococcus Faecalis
 Strep 1, 2, 3.
 Mycobacteroi Bovis
 Mycobacterium Smegmatis
 Mycobacterium kansaaii

ADVANTAGES dutrion® WATER

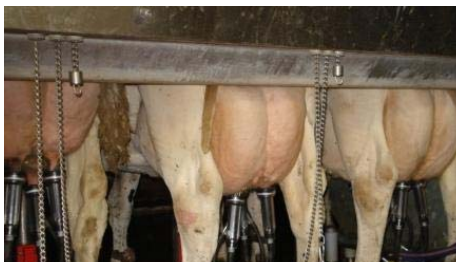
Dairy Farms



Always potable water till far end of lines
Drop in somatic cell count
 Healthier herd due to clean and sanitized water
 Low investment per animal for dutrion® In water
 (i.e. \$ 1.25 per cow per month only)
 Improves fertility rate
 Very usefull to sanitize milking equipment
 Destroys all hidden disease germs in equipment
 Top performance with clean water
 Approved for all drinking water

EASY TO APPLY ON WHOLE FARM

UNIQUE DOSING CONCEPT



CLO2 Germicidal Spectrum

Fungi

Candida Albicans
 Trichophyton Rubrum
 Scopulariosis Species
 Aspergillus Niger
 Trichophyton Mentagrophytes
 Aspergillus Flavus
 Mucor Species
 Fusarium Specie
 Saahromyces Cerevisiae
 Fonsecaea Pedrosoi

Virus

Herpes Virus I
 Poliovirus
 Herpes Virus II
 Encephalomyocerditis (EMS)
 Adenovirus Echovirus
 Vaccina Virus
 Coxsakievirus
 Vesicular Stomatitis Virus (VSV)
 Influenza
 Para Influenza
 Feline Parvovirus
 Bluetongue Virus
 Mouse Flu
 Mouse Hepatitis Virus (MHV)
 Minute Virus of Mice (MVM)
 Mouse Encephalomyelitis Virus
 New Castle Disease Virus
 Mouse Polio Virus (MEV)
 Iridovirus
 Pertiviries – Togaviridae

Others

Vidrio Cholerae
 Culex Quinquifasiatus
 Mycoplasm

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