



ViolpluS®

Cattle and Calf Farm Biosecurity Programme

Last edited: January 04, 2023

Overview

Prevention, rather than cure, is the most effective approach to disease management in any farm environment to ensure optimum growth and production of livestock.

ViolpluS® is a broad-spectrum disinfectant that is effective against all known viral families and also kills bacteria, fungi and mycoplasma including FMD, Salmonella, E.Coli, Rotavirus and for the control of Mastitis.

It can be safely used around animals and has proven efficacy under real farm conditions where heavy soiling, hard water and low temperatures, which can present serious problems to other disinfectants.

ViolpluS® is a vital component in any biosecurity programme as it is used to clean and disinfect surfaces and equipment, which is essential to prevent the spread of disease. The unique formulation offers the flexibility, fast acting, convenient, one-stop disinfection package for surfaces, equipment, vehicles, aerial disinfection and water delivery systems.



ViolpluS® FEATURES AND BENEFITS

- A highly convenient, fast-acting, one- stop disinfection package for surfaces, equipment, vehicles, aerial disinfection and water delivery systems.
- Powerful, effective against over 500 strains of viruses, bacteria and fungi including FMD, Salmonella, E.Coli, Rotavirus, Pseudomonas and Listeria Monocytogenes, Staphylococcus and Streptococcus.
- Kills pathogens ten times faster than the nearest competitor, even at low temperatures and in the presence of organic challenge.
- Superior operator safety.
- Can be misted in the presence of animals.
- Environment friendly. Formulated to degrade naturally within the environment.

ViropluS® FARM APPLICATION AND USE GUIDE

Cattle and Calf Sheds and Pens Dilution Rate: 1:100

- ❖ Remove all movable equipment and organic material (mud, refuse etc.).
- ❖ Using either a pressure washer, knapsack sprayer or watering can, disinfect all surfaces with ViropluS® solution
- ❖ Allow surfaces to dry before replenishing bedding and replacing equipment.

Disinfectant Foot Dip Dilution Rate: 1:100

Disinfectant foot dips act as a demonstrable and highly visible sign that biosecurity and disease prevention is taken seriously and more importantly they help prevent disease transfer onto and around farm sites. Place foot dips at all main farm/site entrances, and at entrances to farm buildings and ensure that all personnel and visitors use them.

Important: Replace solution once it has either become soiled or after a period of four - five days.

Surface Disinfection Dilution Rate: 1:100

The level of disease-causing organisms present offer a serious disease challenge to livestock. Using a proven disinfectant against viruses, bacteria, fungi and moulds is essential.

- Use a pressure washer or other mechanical sprayer, regularly apply ViropluS® solution at an application rate of 300ml/m².

Farm Equipment Disinfection Dilution Rate: 1:100

All farm equipment, particularly items such as ear taggers, clippers and disbudding equipment which come into contact with raw wounds, should be thoroughly cleaned and disinfected prior to each use or transfer between sites to remove any potential disease-causing organisms and cross contamination.

- Use a brush or pressure washer to wash all equipment in ViropluS® solution until completely clean.

Farm Water System Disinfection Dilution Rate: 1:100

All water systems can potentially contain some viral and bacterial contamination, especially header tanks where dust and debris can accumulate. Disinfection will clean the system and eliminate viruses, bacteria and fungal growth.

Terminal Disinfection Dilution Rate: 1:200 - 1:100

Isolate the header tank at the mains and drain off to drinker points farthest from the tank. Clean out any gross soiling and debris. Refill with water and add the appropriate volume of VirolpluS®, thoroughly stir and leave for 10 minutes. Flush the system through to all drain-off points and leave for a further 50 minutes before draining the system and refilling with clean water.

Continuous Disinfection Dilution Rate: 1:1000

Dose header tank as required or apply through water system dosing equipment.

Aerial Disinfection

Misting, aerial spraying and fogging will control organisms that may be introduced into a building during the setting up procedure. These methods can also disinfect inaccessible areas of the building and the air. Use either a fine mist sprayer or fogging machine to evenly apply VirolpluS® disinfectant solution.

Misting/Aerial Spray Dilution Rate: 1:200

Using either a pressure washer or knapsack sprayer on its finest mist setting, apply 1L of VirolpluS® solution per 10m² of floor space.

Cold Fogging Dilution Rate: 1:100

Use a mechanical mister to apply VirolpluS® solution at a rate of 1L per 10m² of floor space.

IMPORTANT: VirolpluS® should not be used on, or come in contact with milking equipment (such as milking cups) and should not be applied directly to teats as the fragrance ingredient in VirolpluS® can taint the milk. In case of contact, please wash the equipment or teat thoroughly with water.

VirolpluS® is the disinfectant of choice for:

- Surfaces
- Foot Dip
- Equipment
- Vehicles
- Aerial disinfection
- Water delivery systems

Available in 50g bottles - makes 5 litres; 500gm jars - makes 50 litres and 2Kg jars - makes 100 litres