

Calving Biosecurity Cleaning & Disinfection Products...

Biosolve™ HDD



Biosolve™ HDD has excellent cleaning and degreasing properties with the ability to be applied through a standard farm pressure washer or knapsack sprayer.

Virkon™ S



Virkon™ S is proven to kill over 500 strains of viruses, bacteria, fungi and yeasts. Calves are highly susceptible to pathogens that can cause serious and sometimes fatal disease such as diarrhoea (calf scour), pneumonia and septicaemia. The powerful disinfectant formulation of Virkon™ S provides a highly convenient multipurpose biosecurity solution in a single pack for the disinfection of surfaces, equipment, water delivery systems, aerial disinfection, vehicles and boots. Virkon™ S' formulation has been approved, as suitable for use in organic farming applications for the cleaning and disinfection of buildings by Australian Certified Organic (ACO).

Virkosan™



As soap and water isn't always readily available, Virkosan™ hygienic hand gel is a perfect solution to use after every interaction with a potentially infectious surface or object.

Use disinfectants safely. Always read the label and product information before use.

Biosolve™ HDD Application & Use Guide

Surface & Equipment Cleaning	Dilution Rate	Application
Routine cleaning for surfaces and equipment	1:100 (10ml of Biosolve™ HDD to every litre of water)	Using a knapsack sprayer or pressure washer, apply solution to surfaces and equipment, to the point of run-off. Allow a minimum contact time of 20-30 minutes before thoroughly rinsing all surfaces with clean water at high pressure.

Virkon™ Disinfectant Solution Application & Use Guide

Surface Disinfection	Dilution Rate	Application
Routine disinfection for all surfaces	1:100 Virkon™ S*	Using a knapsack sprayer or pressure washer, apply Virkon™ disinfectant solution until the point of run-off, and then leave to dry.
Equipment Disinfection	Dilution Rate	Application
Routine disinfection of movable equipment	1:100 Virkon™ S*	Using a knapsack sprayer, pressure washer or brush, wash all equipment in disinfectant solution until visibly clean. Allow to dry naturally, or where materials compatibility may be of concern (e.g. galvanized steel), leave for a minimum of 30 minutes before rinsing with clean water before use.
Footwear Disinfection	Dilution Rate	Application
Routine disinfection of footwear	1:100 Virkon™ S*	Submerge footwear in disinfectant solution and use a brush to ensure the sides and sole of the boot have been thoroughly scrubbed. Replace Virkon™ S solutions every 5 days (or sooner, if visibly soiled.)
Vehicle Disinfection	Dilution Rate	Application
Routine disinfection of vehicles	1:200 Virkon™ S*	Remove any gross soiling. Using a pressure washer or knapsack sprayer, start at the top of the vehicle and work down. Pay particular attention to the wheels, arches, mudguards and underside of the vehicle.
Wheel Disinfection	Dilution Rate	Application
Routine disinfection of vehicle wheels	1:100 Virkon™ S*	Prepare the Virkon™ disinfectant solution directly into the vehicle wheel dip bath. Replace Virkon™ S solutions every 5 days (or sooner, if visibly soiled).

* 1:100 (10 grams or 10ml to every litre of water) 1:200 (5 grams or 5ml to every litre of water)



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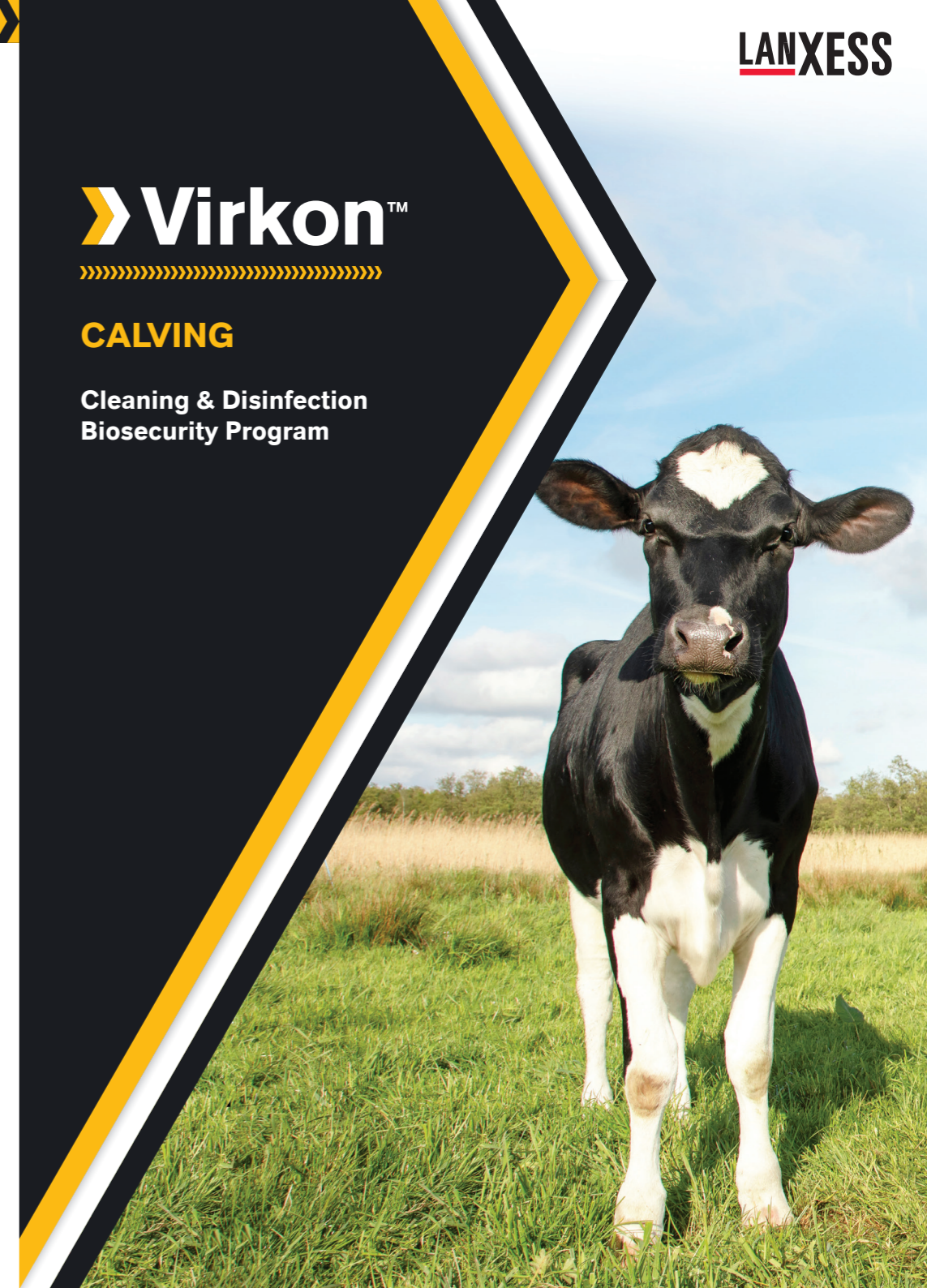
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Virkon™

CALVING

Cleaning & Disinfection Biosecurity Program



Cut down on cross contamination at calving and improve your continuous farm biosecurity

Within the first 6 months of life, calves are highly susceptible to pathogens that can cause serious and sometimes fatal disease such as diarrhoea (calf scour), pneumonia and septicaemia. Implementing effective cleaning and disinfection biosecurity procedures is one of the most economical and effective practices in helping to reduce the loss of vigour, and life, that disease challenges facing new-born calves frequently cause.

1 Calving Pen/Shed Cleaning & Disinfection Pre-Population

- Remove all moveable equipment from the calf building e.g. dividing fences, hutches, feeding equipment.
- Brush loose debris from ceilings, walls and floors and remove all dung, bedding and unused feed, ensuring the building is as clean as possible.
- Soak all surfaces thoroughly with Biosolve™ HDD heavy duty detergent solution applied at low pressure. Leave for 20-30 minutes, and then rinse all surfaces with clean water at high pressure.
- Ensure all surfaces and equipment are visibly clean and dry before moving on to the disinfection stage.
- Using a knapsack sprayer or pressure washer on a low pressure setting apply a Virkon™ disinfectant solution evenly to all washed equipment and internal surfaces of the building, to the point of run-off.
- Allow all surfaces to dry before replacing removed equipment and replenishing with fresh bedding.
- Routinely clean and disinfect all equipment with Virkon™ S disinfectant solution during the calving cycle.



2 Disinfecting Calving Pen Surfaces & Equipment During Occupation

- Remove organic matter from all surfaces and equipment and any wet and soiled bedding from pens.
- Wash surfaces and equipment with clean water.
- Clean and disinfect feeding equipment including buckets, feed drinkers and calf cafeterias with Virkon™ S solution.
- Using a knapsack sprayer or pressure washer on a low pressure setting, apply a Virkon™ S disinfectant solution evenly to all washed equipment and surfaces and then 'bed-up' with clean fresh straw.

3 Continuous Farm Biosecurity



Continuous biosecurity measures will help prevent the introduction and spread of disease-causing organisms onto a farm. With this in mind, the following biosecurity procedures should be implemented at all times.

Disinfectant boot dips

All personnel must use Virkon™ disinfectant boot dips on entering the site or calving shed.



Hand washing and sanitising

Dirty or unwashed hands transfer infection. All visitors and staff must wash or sanitise their hands before entering the site, starting work, after breaks and when changing activities using either an antibacterial hand soap and water or instant hand sanitiser, such as Virkosan™.



Wheel Wash, Vehicle Sprays & Mobile Equipment

Any vehicle entering the site must pass through a Virkon™ S disinfectant wheel wash or vehicle spray*. The wheel wash disinfectant solution should be topped-up regularly.

Mobile equipment brought onto the site from other units must be washed and then disinfected before being allowed to enter.

Visitors

Care must be taken to ensure that visitors appreciate the biosecurity measures you have taken to protect your farm site, and protective equipment should be issued to visitors where appropriate.

* Always use a 1:200 Virkon™ S solution for spraying applications.