


VirusnipTM 

POULTRY FARM DISINFECTANT

**The faster way to protect
your farm against disease**

(including Avian Influenza)



The benefits of farm bio-security using Virusnip

Giving your flock the best protection with Virusnip

Modern farming demands implementation of 'best practice' bio-security measures to protect against the very real threat of biological disease agents such as Avian Influenza.

Prevention is definitely the best cure, which is why effective bio-security measures are vital to protect the poultry industry against the, often, devastating impact of disease. This impact stretches far beyond losses in productivity and profitability resulting from increased bird mortality and treatment costs, right to the consumer. Consumer confidence in poultry products is rapidly lost when incidences of potentially zoonotic disease make high profile media headlines.

Virusnip is an advanced soluble powder disinfectant for cleaning and disinfecting all types of poultry operation and is suitable for disinfecting eggs (using fogging systems).

Instructions for using Virusnip are on the back of this brochure, and following are recommendations that will help to protect your birds, your farm and your profits.

- Protects your farm and your business against exotic poultry diseases such as Avian Influenza and Newcastle Disease Virus
- Reduces the risk of zoonotic diseases such as food poisoning pathogens like *Salmonella*, *Campylobacter* and *E.coli* becoming established
- Faster disinfection improves overall flock health and productivity at the same time as reducing labour and treatment costs
- Reduces the risk of flock losses due to disease and therefore increases profitability
- Helps to protect against the devastating impact of disease epidemics for animals and humans

Virusnip is a powerful, new powder disinfectant with a special, unique *REGENU*™ chemistry allowing it to act faster, and work smarter in all farm environment conditions. And, because Virusnip destroys microbes, like bacteria, fungi and viruses, you can always be confident that you have given your farm (and your flock) the best possible protection.

Virusnip helps protect your farm against:

- Avian Influenza Virus (Fowl Plague)
- *Mycoplasma spp.*
- Newcastle Disease Virus
- *Salmonella spp.*
- *Campylobacter jejuni*
- SARS coronavirus
- Bursal Disease (Gumboro)
- Avian Laryngotracheitis Virus
- *E.coli spp.*
- *Staphylococcus aureus*
- Chicken Anaemia Virus
- Fungal diseases

Keeping your farm and your flock safe

- Ensure all visitors wear clean clothing and footwear
- Place disinfecting footbaths at the entrance points to buildings and pastures
- Clean and disinfect vehicles after every journey and have a supply of Virusnip, high pressure washers, hoses, brushes and water available for visitors to clean their vehicles, equipment and footwear before entering
- Clean water systems regularly, make sure they are sealed so they cannot be contaminated by other animals
- Routinely clean and disinfect all crates, containers and other equipment before and after use especially before moving from one building to another
- Clean and maintain feed bins, hoppers and feeding equipment regularly to ensure there is no contamination of the feed and they cannot be breached by other animals, like rodents. Obtain feed from an accredited supplier who routinely tests for microbial contamination
- Keep wild birds, rodents, dogs, cats and other livestock away from the birds and their housing
- Prevent the accumulation of standing water or spilt feed, as this will attract unwanted animal visitors
- Ensure your farm has an effective fly control program
- Properly dispose of damaged eggs, dead birds, litter and manure promptly
- At the end of the cycle when the buildings are depopulated thoroughly clean and disinfect the building and all equipment including water feeding systems, ducting, drains and fans. Cleaning equipment and protective clothing should also be cleansed and disinfected with Virusnip after use
- At times of high risk, disinfect eggs using a fogging system



Cleaning and disinfecting with Virusnip

Before cleaning or disinfecting with Virusnip remove all animals from the building and wear appropriate protective clothing.

Use	Dilution rate	Application
Terminal disinfection		
For farm buildings, equipment and tools – to destroy viruses, bacteria and fungi	1:100 (1% solution)	Use a low pressure apparatus or other suitable spraying device and apply once at a rate of 300 ml/m ² and leave for 10 minutes
Routine cleaning and disinfection		
For surfaces, buildings, equipment, tools and hatcheries	1:200 (0.5% solution)	Use a low pressure washer or other suitable spraying device and apply once at a rate of 300 ml/m ² and leave for 10 minutes
Disinfection of drinking water systems		
Final cleaning and disinfection	1:200 (0.5% solution)	Fill the dispensing water reservoir (header tank) and the feeder or drainage system with the working solution. After 60 minutes drain and flush with clean water
Continuous disinfection	1:1000 (0.1% solution)	Dose the header tank with appropriate amount or apply through a dosing system
Aerial disinfection		
Spraying into the air (misting)	1:200 (0.5% solution)	Use a pressurised device set at the finest mist setting or use a backpack sprayer. Apply a single dose of the solution at a rate of 1 litre/10m ² of floor space
Cold fogging	1:100 (1% solution)	Use a mechanical fogger applying a single dose of the solution at a rate of 1 litre/10m ² of floor space
Thermal fogging	1:50 (2% solution)	Use a thermal fogging machine and apply at a rate of 1 litre/40m ² of floor space
Disinfection of barriers for footwear, vehicles and animal passage		
Foot baths	1:100 (1% solution)	Replace with a new solution every week or when heavily soiled
Fogging of eggs		
Wetting the egg surface	1:100 (1% solution)	Fog for 5-10 seconds/m ³

For further information on Virusnip applications and performance please contact Novartis Animal Health Inc.
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