



Virkon® S for Bird Flu Biosecurity

Bird Flu, or Avian Influenza is a viral infection spread from bird to bird.

Currently, a highly pathogenic strain of bird flu – H5N2 – is having a devastating impact on flocks in 11 states of the USA, affecting over 25 million birds (May 6th APHIS Online (Animal Plant and Health Inspection Service), with officials reporting the disease at growing numbers of farms, mostly egg laying facilities involving many millions of birds.

Migrating water fowl – most notably wild ducks – are the natural carriers of bird flu viruses. It's suspected that infection can spread from wild fowl to domestic poultry.

Virkon® S, a leading emergency disease control disinfectant, is distributed by Neogen and is part of their biosecurity product portfolio. Virkon® S has been independently tested and proven effective against bird flu strains which are closely related to the H5N2 strain:



Disease	Disinfectant	Strain	Dilution Rate
Avian Influenza / Bird Flu	Virkon® S	Influenza Type A Virus	1:100*
		H5N1	1:800*
		H9N2	1:1000*



*The independently tested and approved dilution rates for Virkon® S clearly demonstrate the effectiveness of the product for killing the bird flu virus. However, in practice farmers must bear in mind real farm conditions, in particular the heavy organic challenges and the broad spectrum of other potential disease-causing organisms. For this reason Neogen® recommends that Virkon® S is used at a standard dilution rate of 1:100

The Premium Broad Spectrum On-Farm Biosecurity Solution

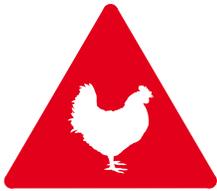
Virkon® S is the breakthrough disinfectant formulation that defines on farm biosecurity.

With powerful, proven performance against over 500 strains of viruses, bacteria and fungi including Foot and Mouth Disease (FMD), Avian Influenza, Salmonella and Campylobacter, Virkon® S is selected by governments worldwide for Emergency Disease Control.

Leading the way forward in best practice biosecurity programs, Virkon® S provides a wide range of applications to commercial livestock producers, veterinary hospitals and farmers.

For over 25 years, the “yellow powder formulation” has offered the flexible, fast-acting, convenient, one-stop disinfection package for:

- Surfaces
- Equipment
- Vehicles



**BIOSECURITY
PRECAUTIONS**

What are the symptoms of bird flu?

Sick birds become unstable on their feet; they demonstrate a loss of appetite, ruffled feathers and signs of depression. Egg production will drop suddenly, wattles and combs turn purple/blue in colour and the head, eyelids, comb, wattles and hocks will swell.

At the first sign of these symptoms farmers should contact their veterinarian.

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How can poultry production units and farms reduce the risk of contracting bird flu?

To help prevent bird flu from entering the farm environment, a continuous biosecurity program needs to be put in place. Contact Neogen for details of how to help protect farms and their flocks from bird flu using Virkon® S terminal and continuous biosecurity best practices.

Bird Flu Prevention

When considering an effective continuous biosecurity program, it is essential to bear in mind that bird flu can survive for considerable lengths of time outside of the host and birds can be infected through a number of vectors, including contact with other birds, contact with mechanical vectors such as vehicles and equipment and contact with farm personnel.

For more information on detailed bird flu biosecurity measures for protecting flocks and the cleaning and disinfection of housing/barns and farm buildings, visit www.neogen.com/AvianInfluenza

Contact Neogen Animal Safety for further information or to purchase Virkon® S for Avian Influenza Biosecurity.



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www.neogen.com/AnimalSafety

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