

What is Bio-Security?

Bio-security is a set of preventive measures designed to reduce the risk of transmission of infectious diseases. Providing protection from Bacteria, Fungi, Viruses, Spores.

Why should you have a Bio-Security Programme For HORSES?

Strangles and Ringworm are just two conditions that cause stress to Horses and their owners. By using Trus-STEED's products as your Bio-Security Programme you will be protecting yourself and your horse from harmful bacteria, fungi, viruses, and even spores.

Why should you have a Bio-Security Programme FOR POULTRY ?

Aspergillosis, Hexamita, Mycoplasmosis, Rotavirus, are only a few conditions that cause fatal diseases in poultry and game birds. It is essential that a full bio-security programme is in place to minimise these diseases.

Why use a Bedding treated with Stable Guard or Game Guard?

Bacteria and spores found in straw can cause respiratory problems in horses and poultry alike. By treating the bedding in the manufacturing process and destroying bacteria and spores before it is baled you can be confident that the bedding you are using is beneficial to your horses and other animals health.

Why do we use Chlorine Dioxide?

Chlorine dioxide reacts directly with amino acids and the RNA in the cell. This reaction is not dependent on reaction time or concentration unlike non-oxidizing disinfectants, chlorine dioxide kills microorganisms even when they are inactive. Microorganisms are unable to build up resistance to chlorine dioxide in practical terms however, few bacteria live alone, and they are most often found in water and on surfaces in the form of a "biofilm" which is a close association of many millions of bacteria. Many biocides have particular problems in penetrating this biofilm, due to the polysaccharide "glue" that is secreted by the bacteria to hold the biofilm together. Unlike most biocides, chlorine dioxide can effectively penetrate biofilm to provide complete protection.



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BOWLBY
EQUINE



BEDDING TO GIVE YOU CONFIDENCE



Trus-STEED

Trus-STEED's
Stable Guard / Game Guard
and their use in
Animal Bedding.

for Protection

DIRECT
FROM BED-
SOFT

- HORSES
- POULTRY
- GAME

Why use a Bedding treated with Stable Guard or Game Guard?

Bacteria and spores found in straw can cause respiratory problems in horses and poultry alike. By treating the bedding in the manufacturing process and destroying bacteria and spores before the straw is baled, you can be confident that the bedding you are using is beneficial to your horses health. Also suitable for poultry/game & small animals

STABLE GUARD

Enhancing the power of Chlorine Dioxide and eliminating the traditional need for activating the Chlorine Dioxide solution.

Stable Guard will destroy 99.9999% of Bacteria.

Stable Guard will destroy Streptococci Species the causative agent of Strangles, Ring Worm and a broad spectrum of other Bacteria, Viruses, Fungi and even Spores. Stable Guard will even eliminate odours.



HORSES

With the added benefit of treating the bedding during the manufacturing process with Stable Guard ensures that the bedding is impregnated with Stable Guard which starts to destroy harmful bacteria, fungi and spores straight away, so as when you open the bag, you are confident that you are giving your horse a bedding that will be beneficial to your horses health.

The Stable Guard solution used by the manufacturer also contains a bitter agent to deter your horse from eating the bedding.

NEWS

New Tests New Challenge for Trus-STEED Stable Guard Disinfectant Hygiene for Health

The challenging EN13697 surface test protocol which is regarded as a much bigger challenge to pass was no problem for Stable Guard. Stable Guard received a fantastic 7 log reduction against Streptococcus equi (Strangles), and other bacteria species. Meaning a safer environment for you and your horse. Stable Guard destroys 99.9999% of Bacteria, Viruses, Fungi and Spores, and will eliminate odours.

**BEDDING TREATED WITH STABLE
GUARD
DIRECTLY FROM THE
BEDDING MANUFACTURER**

**FOR HORSES
TREATED DURING THE
MANUFACTURING PROCESS**

DESTROYS:

- **BACTERIA**
- **FUNGI**
- **VIRUSES / SPORES**



**BOWLBY
EQUINE**

**BITTERING AGENT
DETERS EATING OF BEDDING**

**USE AS PART OF YOUR
BIO-SECURITY
PROGRAMME**



Game Guard Disinfectant for use in Poultry and Game

Game Guard is a disinfectant using Advanced Chlorine Dioxide technology. Game Guard destroy 99.9999% of Bacteria, Fungi, Viruses and Spores.

The technology used in Game Guard disinfectant is not new and are at present used in the following industries: Equine, Agriculture, Poultry and Game, Food processing plants, and many more.

The Chlorine Dioxide application is modified to each individual requirement. The application can be used as Disinfectants, Water Sanitisation, Pipe Cleaning, Treatments.

By using Game Guard as part of your bio-security programme can reduce hygiene related mortality, increase feed conversion ratios, reduce stress and improve welfare. Game Guard can be used as a disinfectant on all areas of poultry pens.

When an egg is laid there are approximately 9,000 pores open to the environment.

By using a bedding treated with Game Guard the environment created is more sterile therefore giving less chance of bacteria from the environment being drawn into the egg before the pores are closed during the cooling process.

By using bedding treated with Game Guard more bacteria and fungi are destroyed giving a better environment for the bird to live and thrive in.

Having a bio-security programme in place reduces diseases that cause illnesses and death in birds.

Using a bedding treated with Game Guard reduces the risk of harmful diseases to the birds and reduces the risk of bacteria entering the egg directly after laying.



**Use bedding treated with Game Guard as
part of your Bio-Security Programme.**

Abstract from independent source:-

Chlorine dioxide is confirmed by the United Nations World Health Organization (WHO) and FAO (FAO) as the AI level of disinfectant, it is broad-spectrum, highly efficient, non-toxic, no residue, no "three-induced effect." . It is the best alternative of other disinfectants Chlorine dioxide is appropriate for eggs and their products disinfection, egg production process disinfection, water sterilization, equipment disinfection, environment disinfection, staff disinfection and many other aspects.