

Stalosan[®] F

Hygiene Solutions
More than a disinfectant



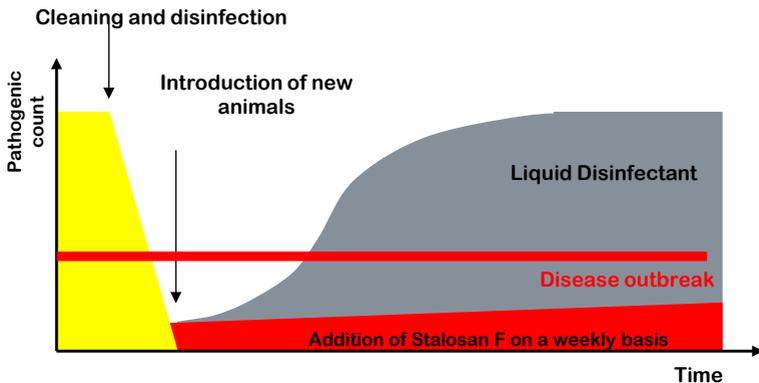
 **Stalosan[®]**
Hygiene Solutions

Stalosan® F

Introduction to Stalosan F

Stalosan F is a powder bedding hygiene product, suitable for use on all types of floors and bedding. With well documented efficacy testing, which has been used in animal husbandry for over 40 years.

- A powerful drying agent
- Includes active ingredients that kill pathogens improving sanitation standards.
- Reduces ammonia improving atmospheric conditions for cows, calves and handlers.
- Based on inert materials so is safe to use in the presence of all cattle
- Provides around the clock protection and is active for up to 7 days



Affects of Disease

Primary Affects	Secondary Affects
Reduced Yield	Risk of Secondary Infection
Discarded Milk	Subclinical Problems
Herdsmen's Time	Higher Culling Rate
Veterinary Cost	Reduced Fertility
Hoof Care	



Using **Stalosan F** as an effective bio-security measure to reduce pathogenic load and increase herd performance.

Stalosan[®] F

Stalosan F can play an important role in the farms bio-security plans to reduce infections and increase the overall health and profitability of the herd. Due to **Stalosan F** anti-pathogenic effect it is effective against micro-organisms that cause problems such as:

- Mastitis
- Scouring
- Hoof Problems
- Joint Ill
- High Cell Count
- Worms
- Dermatitis
- Coccidiosis

Benefits of using **Stalosan F** once a week are:

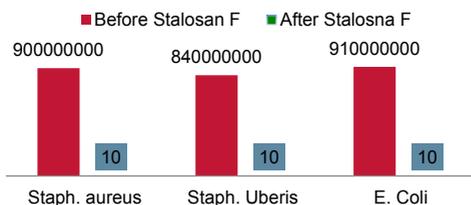
- Decrease in pathogenic load in the production system
- Reduction in bacterial, viral and fungal infections
- Reduction in parasitic infections and fly infestations
- Improves animal housing conditions as well as the condition for the people working on the unit
- Reduction in veterinary costs

Kills mastitis causing bacteria

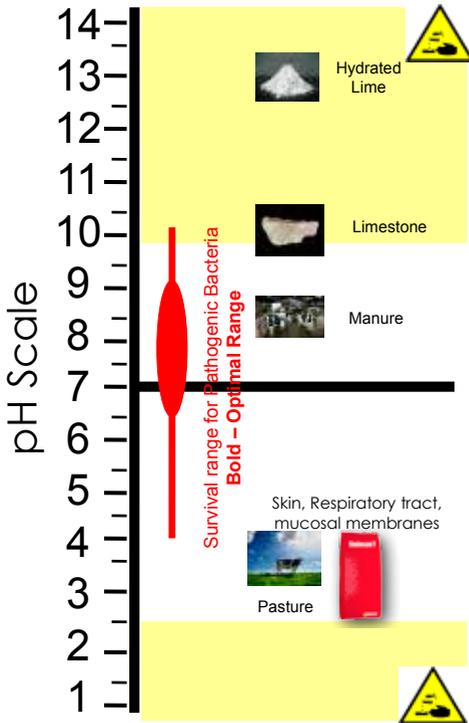
Mastitis is a complex disease, caused by pathogenic bacteria penetrating the teat channel. The disease partly destroys the milk producing tissue and reduces the milk production. Often, mastitis infected cows must be culled.

Laborartry testing has shown that **Stalosan F** can eliminate the main bacteria that cause mastitis (Steins, 18.04.83 Steins 17.03.97 Stormøllen 2004)

Effects of Stalosan F on Mastitis Causing Bacteria



Stalosan F contains acid buffers to neutralise the affects of manure. Making the environment healthier for animals and handlers alike



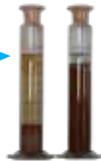
pH levels in the yellow zones are corrosive. Over long periods of exposure highly corrosive not only to animals but also equipment.

Pathogenic bacteria survive in a pH range of 4 – 10 (optimal range of 7.5 to 9). Manure has a pH of approximately 8-9 due to the concentration of ammonia, housed animals therefore live in the perfect bacteria breeding grounds.

Stalosan F decreases the overall house pH, below the survival range of bacteria.

Reducing Ammonia

In the presence of water **Stalosan F** will bind between 70-100% of its own weight in water



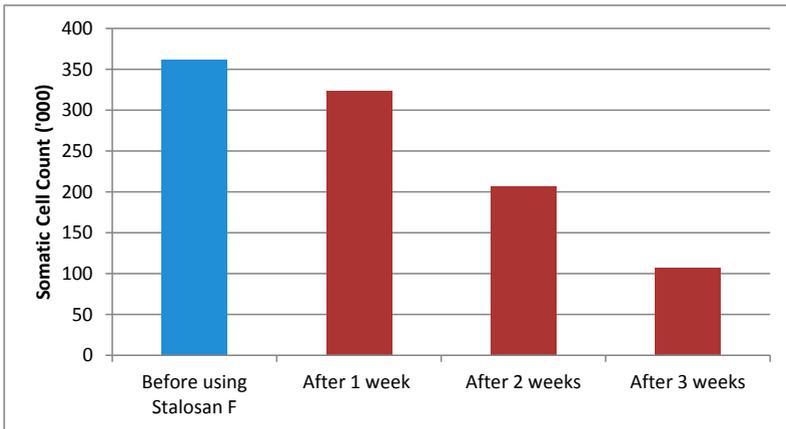
In the presence of water and ammonia **Stalosan F** will bind up to 400% of its own weight in water

Stalosan F Binds ammonia making a healthier environment for the cows and handlers

Stalosan[®]F

On Farm to improve performance

605 Holstein Friesian dairy cattle, 190 Heifers, 175 calves. **Stalosan F** applied on day 1,2,3 and once per week afterwards at 50g/m² throughout the dairy unit.



The farmer noticed a significant reduction in clinical and subclinical problems caused by pathogens, together with a reduction in medication, especially in the calf pens. In addition he noticed improved udder condition of his cows and improved hoof quality.

Affects of Disease

	Before Trial	After Trial	Improvement
Calf Diarrhea	15	10	33%
Calf Pneumonia	20	17	15%
Subclinical and Clinical Mastitis	40	20	50%

Recommended Application Rates of **Stalosan F**

We recommend if you have never used **Stalosan F** before you spread it day 1, 2 and 3 at 50g/m², there after as per the table below.

During continuous prophylactic treatment	50g/m ² – Once a week
During periods of high infection rate/disease levels	50g/m ² – 2 to 3 times a week

How to apply **Stalosan F**

Stalosan F can be used in many ways depending:

- By hand in small areas or problematical areas, such as near water or feed bowls.
- A handy applicator is available to make covering large areas.

Where can I use **Stalosan F**

Stalosan F is safe to use in all areas of the production:

- Rest areas – Back of cubicles, loose housing
- Against mastitis, high SCC, cracked teats
- Calving pens
- Healthier environment for the new born
- Calf Boxes
- Against scouring, Joint Illness



Stalosan® F

Vitfoss is a dynamic and innovative company specializing in vitamin and mineral premixes to the feed industry.

With focus on well-being and welfare we want to be the best producers of special products for animals.

With focus on health we want to be the best to create growth in the animal feedstuff production.

With focus on quality we want to be productive and adaptable team players continue development and documentation of our knowledge within animal nutrition.

Vitfoss
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VILOFOSS[®]
adding value
to the green world 

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