

My story – Stalosan Ointment

I am the lucky owner of a five-year-old Irish Cob gelding called Jack. Jack is a beautiful horse with thick hair on the right places i.e. on the main, tail and legs.

I have never before had problems with malanders, but after a humid summer and now also a really humid autumn we were affected. In Vejle where we live the soil is very argillaceous and therefore the soil is sticking to the horse's legs and as a result the legs do not dry up properly unless they are rinsed daily after being in the fold and then dried.

As I discovered the problem, I contacted my veterinarian immediately and he came and attended to Jack. His finding was the same as mine and he advised me to use his ointment that he had developed in the fight against malanders. Furthermore he advised me to rinse Jack's legs every day after being in the fold and then blow-dry them.



This became the daily grind for me as horse owner - another hour in the stable every evening at least. At the time I run out of ointment (100 ml in a tube) I had to buy a new tube of the tidy sum of Dkr. 200.00. The ointment did not seem to have made any great difference in the 2 weeks I had used it, but what else could I do. It was terrible to see how Jack kicked his hind legs hard into the ground, because the malanders obviously were of great discomfort to him.

Then one day I saw the advertisement for Stalosan Ointment from Stormøllen in Equipage and thought, I must try out this ointment. I reached Christine van Wyhe, Product Manager, by phone and told her my story. We agreed that I should try out their product in return for my feedback on how it worked, whether the ointment had the wanted result or not. The first ten days there were no great improvement, but I decided to continue until the tube was empty.

I continued to rinse and blow-dry his legs because it is important that he is completely dry and then I applied Stalosan Ointment twice every day instead. After nearly 14 days it started to work and after 3-4 weeks 60% of the malanders had disappeared in spite of the fact that it still was raining very much and daily he walked in mud up to his knees in the fold.

I could hardly believe it.

Now I have used Stalosan Ointment for over 2 months and 14 days ago I combined it with Stalosan F in his box and within the last 14 days I have reduced the malanders with 80%. Now I really have to examine his fetlocks and legs very careful to find small places that need treatment and I am so happy. There are NO open wounds on his legs or pasterns, these disappeared first, when I started to use the ointment. However, I have chosen to use my hard-earned savings to build a winter fold for my horse, where he can be while it is humid and thus make my work easier and maybe get rid of the malanders completely. This fold is going to be ready on Saturday if everything runs smoothly.

At any time I strongly can recommend Stalosan Ointment for use against malanders and combined with Stalosan F you have something that helps according to my own experience.

Stalosan F dries out the box and makes the box a poor place for malanders to thrive, if you at the same time keep the box clean.

Many happy horse greetings from us, who received help

Jack and Mette



Stalosan is in a league of it's own



Niels van Wyhe
Stormøllen

Throughout many years we have tested the microbial characteristics of Stalosan in accordance with the appropriate methods.

These methods require that the tests are carried out under the application of organic material and including an amount of micro-organisms that will be pathogenic. The tests will prove to be useless, when not based on actual and real-life conditions.

Example

Referring to a test from Steins Laboratories the company behind "Staldren" claims that the product is effective against salmonella.

Steins Laboratories have also tested Stalosan. In the test of Staldren the application rate was one million bacteria in salt water with a Staldren dosage equalling 2,400 grammes per m². In the Stalosan test the application rate was 380 million bacteria on an organic energy loaded nutrient substrate, dosage was 50 grammes per m².

Comparing dosage and bacteria concentration it is obvious that the conditions under which the Stalosan test was carried out were 15,000 times more complicated than the conditions under which the Staldren test was carried out, viz. three hundred times as many bacteria and a fiftieth part of the dosage in the Staldren test. This not taking into consideration the total lack of organic material, without which the bacteria would have died anyway.

Consequently there is no justification for drawing parallels between these two tests. As a result the Danish Supreme Court reached the conclusion that the Staldren test would have produced the same result without 2.4 kg Staldren – actually the result would have emerged with a glass of water or a cup of tepid coffee, as stated by the expert Sigrig Rita Andersen from Danish Veterinary Laboratory.

Even though the company behind Staldren was convicted to cease calling the product effectively antibiotic they persistently proceed doing so. A new product from the same company has now been launched referring to a test, carried out on stable floor. This test is very simple, and the bacteria population was very low before as well as after the test. A Stalosan test for Lawsonia, however, is carried out in a stable, where no specific cleaning is done, and where the animal population is present. The test is then performed with a standard dosage of Stalosan and repeated after a while. The result is a complete termination of Lawsonia even though dirt, remains of feed as well as faeces were present in the close surroundings. A remarkable result in view of animals and organic material being present during the complete test.

Comparison

Until now there has not been a product that was able to achieve the same results as Stalosan. This fact is also confirmed by the comparison made by a FDA approved laboratory. Stalosan was compared with four competing products subject to the recommended dosage and with organic material in the near surroundings. The result of the test was convincing. Stalosan killed 99.45% of the bacteria, while none of the other four products – including Staldren and Mistral – exceeded 0.

Virus

It is highly questionable, whether the competing products have an effect towards vira. Though the products have not been tested in this respect, the companies behind them claim that vira cannot be affected by means of drying up. Neither have the products been tested on fungus or parasites; as opposed to this Stalosan's documentation is produced by leading laboratories.

A different evaluation

Neither our buyers nor our customers are bacteriologists; thus they are in no position to see through or to judge bacteriological tests. We therefore want to point out a fact that is easily comprehensible and self-evident: Performance of the production animals.



New tests

Last month alone three test results on animals were released, to tests on pigs and one on goats. The first test is performed in Australia by Rebecca Morrison and has the title: "Evaluation of Stalosan F in Farrowing Accommodation".

More than 4000 newborn pigs were included in the test, which showed a significant reduction in the number of dead piglets until weaning. There was also a significant reduction in the use of drugs and in the occurrence of diarrhoea. Finally there was a strong tendency towards increased gain P 0.1. Results like this are only found, when there is an actual effect on harmful micro-organisms. In Australia a farmer reduced piglet mortality from 28% to 7% after he started using Stalosan and stopped using water for cleaning purposes.

The last report we had in February from the Faculty of Veterinary Medicine under professor A. Dauschies from the University in Leipzig. Subject was a methodical test on the Stalosan effect on coccidiosis infections among goats. The number of coccidiosis eggs in the control test amounted to 67,000, while the number never exceeded 13,400 in the Stalosan test.

All these positive results are only attainable with a product having a strong effect not only on bacteria, but also on a wide range of harmful organisms.

Mail from Down Under - Australia

James van Rij, Chemiplas



Dear Lars, Jan, and Niels,

We have received an interesting research report made by a large Australian customer.

The report is an evaluation of Stalosan F in farrowing accommodation. Rebecca Morrison performed it.

Two identical sheds was used one being power washed, disinfected and treated with bentonite on a daily basis. A traditional, cleaning standard practice.

The other shed was treated with Stalosan F to the standard dosage using the blower. "Footbaths" containing Stalosan was also placed at the entry to the Stalosan shed.

Stalosan was applied with the weekly standard dosage and the daily use of bentonite of cause abandoned, supposedly easier for the staff.

A total of 360 Large white x Landrace sows and gilts were used in the experiment.

First we would like to draw your attention to rate of gain, which increased, from 215 to 225 g per day, meaning heavier healthier piglets.

The number of piglets, which died, decreased from 238 to 172. This is a significant 66 more piglets. Also there was a significant reduction in the number of medical treatments, which was reduced from 622 to 375 a reduction of 247 treatments. Medicine is expensive and so is administering it, stressing animals with injections and oral drenches. Stalosan reduced the number of piglets scouring and also the severity of the scouring. This of course led to increased growth performance and decrease in expenses for piglet medical treatments.

Conclusions:

Reduction of number and severity of scours

Reduction of mortality

Improved piglet growth performance

Stalosan is recommended to improve pre-weaning survivability.

Once more Stalosan F has proven positive effects in practice.

Best regards,

James

[Follow up on next page >>](#)

Mail from Down Under - Australia

James van Rij, Chemiplas



Dear Lars, Jan and Niels,

A quick update on trial results at QAF Meats.

I have just spoken to Rebecca Morrison who has been running our trial these past months.

She is able to let me know verbally some initial trial results. We will have a full report available (including detailed graphs and statistical analysis) in several weeks time. However, the initial results will give us some good talking points for APSA (Australasian Pig Science Association) conference next week in Brisbane. We have to wait for the full report as it needs to be signed off by the general manager before release, a good measure of the quality of the work we should receive.

She is quite pleased with the overall results. And she again re-emphasised that the staff are all happy with the product.

To refresh you the details of the trial:

- > Stalosan F was trialed in one of six farrowing units in their research facility for three consecutive batches ("weeks") of pigs.
- > Each batch is about 28 days, from birth to weaning of the pigs.
- > The first batch was with older stock of Stalosan F, that had become quite solid and lumpy.
- > The key measurements were mortality, number of scours, severity of scouring, and growth rates.

What was found was that the incidence of scours at 4 days old (piglets) was not really affected by the Stalosan. The occurrence of these scours is very common, and expected. However, after 4 days, the incidence of scours was significantly reduced by the use of Stalosan F. Also, in all cases of scours, the severity of the Scours was also reduced.

Likely as a result of these reduced scours, the growth rate of the piglets in the treatment group was improved. I do not have the firm figure yet, but it is looking like a 20g per day increased body weight gain! Please don't quote this figure yet, we should wait for the official trial results.

The full report will evaluate the older product vs. newer. Gilts vs older sows. Cost implications, and cost of any vet treatments, ammonia and hydrogen sulphide concentrations (figures likely not accurate), and general observations.

Rebecca will assist me in some cost benefit analysis also, and with the staff's acceptance of the product, and desire to keep using it, I am cautiously confident that they will become a regular user once the management committee has evaluated the report. (It is worth noting their remaining production site is still at about 15-20,000 Sows).

The above indicates that the Stalosan can assist in addressing one of the two big issues for QAF. Their weaning mortality and performance.

I trust you find the above initial results interesting and encouraging.

Best regards,
James

