

Wilms®

Camel & Horse Care Products



Natural Care with pine heartwood extract.

Introduction

Wood - more than just beautiful and practical.

Many people value wood because of its beauty, aesthetic appeal and the pleasant, warm atmosphere it creates. Others emphasize its static properties and practical qualities. However, not many people are aware of the wood's health promoting properties. Pine heartwood in particular has miraculous, but yet largely unexploited health promoting properties.

California's long-lived Bristlecone Pines reach an age of 4,000 years and more. They are older than the pyramids and can even be found at an altitude of 12,000 ft.

"Ironically, the adverse growth conditions the pines have to cope with make them grow so old," says Pattie Wells, Botanist at the US Forestry Administration. Pinewood is very resinous, and therefore offers good protection against fungi and insects. Insects too, harness the plant-based power of resistance. Swiss researchers were able to show that ants arm themselves with small resin crumbs against bacteria and fungi, thus significantly increasing their survival rate. Song birds and bees equally utilize this power when sealing their nests with resin particles.

It only makes sense to utilize this natural power for other animals.



Health Promoting Pine Heartwood Products

Pine heartwood absorbs bacteria and kills it, fast and thoroughly. Tried and perfected in nature for millions of years, this process made it possible for trees to survive. Heinrich Wilms says, "The strong germ-reducing effects of wood have been known for centuries. Wood is strength to live. We should harness these positive properties." On the basis of this health promoting effect, the Wilms company developed a product line that utilizes the germicidal and fungicidal effect for pets.

The pure pine heartwood extract is the basic ingredient of all PineFauna Products. The active ingredients of pine heartwood are dissolved in this extract - for a naturally healthy pet.

Pine as a remedy

Early on pine wood was often used in home remedies. The resin, for example, was used for the softening of ulcers, and the bark of pine was smoked and used for women's diseases. The bark and needles of pine were later used in medicine as ointments or baths. Pine was also used for people with rheumatic and lung diseases. In the 12th Century people used pine for coughing or kidney/bladder ailments.

These early applications over time have been studied and many, scientifically confirmed.

For topical application, pine helps with fatigue, insomnia, nervousness, wounds and skin diseases, heumatism and circulatory disorders.

The wood itself also rids pathogens. In recent years, numerous studies have confirmed the that the wood effectively kills germs, bacteria, viruses and fungi. The studies showed that in particular the core of pine wood has exceptional defense forces. ■



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1. The Wilms Company

1.1 Our Mission



„Our goal is to improve the living environment of humans and animals in a natural way. We make the positive effects of nature available through continous research and the development of new products.“

Heinrich Wilms, CEO

Katharina Wilms, CEO

1.2 Our History

The Wilms company was created in 1893 as a private firm. Since that time, it has been passed down and still remains run by the Wilms family. The enterprise is an open commercial company under the leadership of Heinrich and Katharina Wilms. The company's focus is wood packaging although in the last 10 years, a special focus has been put on the thorough research of the antibacterial effects of the pine heartwood.

The Wilms company currently employs approximately 115 people at two locations, with about 20 of these employees concentrating solely on Hygienic Wood.

1.3 The Story of Wilms® Pine heartwood Products

Pine heartwood's hygienic properties were originally discovered when used in an agricultural setting. After some wood chips were used in animals' stalls, the animals had a very noticeable decrease in sickness. Since there had been no other changes to their environment, this pine wood became the subject of investigation.

The Wilms began trials and experiments over the next few years hoping to find a way to use the natural benefits of the wood. During this phase in the company's history it was discovered that the heartwood of the pine contained extraordinary antibacterial effects.

Using this effect in conjunction with the Wilms patented washing and drying procedure, the heartwood is now used to make a variety of products giving people and animals a naturally healthy environment. ■

2. Wilms® Camel and Horse Care Products



The power of pine heartwood

Wilms Camel and Horse Care Products use the active ingredients of pine heartwood for the protection and care of skin and coat, and can also contribute to the holistic health of the animal. The natural components of pine heartwood have shown to have positive effects on the skin.



The core of a pine tree trunk is the most effective part.

More than 80 effective ingredients

Lab analysis showed that the pine core contains more than 80 active substances, i.e. flavonoides and terpenes. Scientists agree that a combination of many ingredients is responsible for the positive effects of the extract.

The rule here, as always in nature, is synergy - an ideal combination of ingredients that produces an extraordinary effect.

The pure pine heartwood extract is the basic ingredient of all Camel and Horse Care Products. The active ingredients of pine heartwood are dissolved in this extract - for a naturally healthy camel.

All Camel and Horse Care Products are free from synthetic scents, colorants or preservatives, silicones and mineral oil based raw materials.

Please also read the Testimonials in Chapter 3. ■



From the Research

Since 1996 the Wilms company does research within the field "health benefits of wood" and discovered that the heartwood of pine contains extraordinary antibacterial effects:

"...depending on the species, 90% to 99% of the applied fungal organisms were killed..." Institute Hygiene Nord, Germany

"Skin moisture improved significantly in subjects and they reported a decline in skin redness. It showed an improvement in skin barrier function. Even skin symptoms such as dryness, tension and skin cracks showed significant improvements." Ernst-Moritz-Arndt-University Greifswald, Germany



2.1 Wilms Camel Pine Water

Natural Care with wood ingredients.

Wilms Camel Pine Water Spray with pine heartwood extract is cooling and soothing. It is ideal for natural regular care and protection purposes, and also helps with stressed skin.

The watery consistency makes it easy to penetrate fur and supports the beneficial effect, as it helps to quickly absorb the extract. It's itch relieving and refreshing effects make it particularly suitable for flea and mite infestations.



Effect by regular using:

- protects and soothes stressed, hairless spots
- strengthens the skins protective barrier
- provides shiny and sleek skin and coat
- maintains skin healthy and vital

Advantages:

- ideal for stressed skin, touch-sensitive spots
- assisting care in the treatment of insect bites, itching spots
- easy to apply – no washing off necessary

Ingredients:

Aqua, Pinus Sylvestris (Heartwood) Extract, Glycerin, Sodium Lauroyl Lactylate, Sodium Levulinate, Sodium Anisate.

Directions:

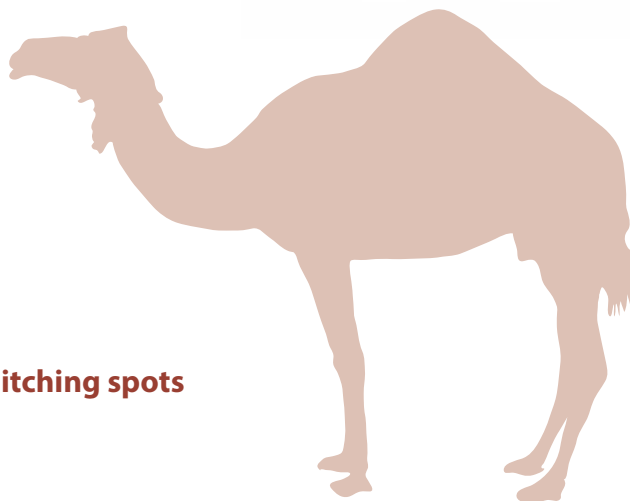
Depending on the specific need, generously apply 3 times a day. Wilms Camel Pine Water can be sprayed onto, or applied to the skin. If necessary, gently massage the treated area.

For external use only. Store in a cool place, away from direct sunlight.

Use within 6 months after opening.

Available sizes:

1000 ml (35 fl oz) ■



2.2 Wilms Camel Gel

Care with cooling effect.

Wilms Camel Gel is based on the watery extract of pine heartwood. It is ideal for natural regular care and protection purposes, and helps alleviate skin irritations.

The gel consistency makes it easy to apply to the desired skin area, especially hairless areas. It's itch relieving and cooling effects make it particularly suitable for all skin irritations and skin disorders.

Effect by regular using:

- **elimination of bacteria**
- **reduction of germs & fungi**
- **reduction of parasites**
- **strengthens the skins protective barrier**
- **provides shiny and sleek skin**
- **maintains skin healthy and vital**

Advantages:

- **ideal for hairless area**
- **cooling effect**
- **easy to apply**

Ingredients:

Aqua, Pinus Sylvestris (Heartwood) Extract, Glyceryl Caprylate, Pinus Sylvestris Leaf Oil, Sodium Carbomer.

Directions:

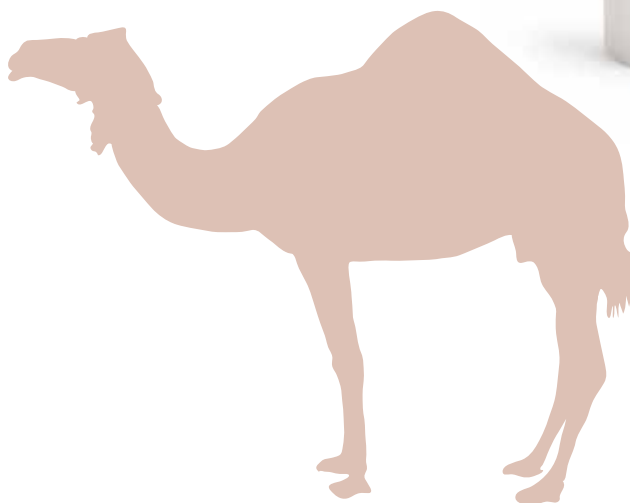
Depending on the specific need, generously apply 3 times a day. Due to its consistency it can be easily applied to the desired skin area.

The main ingredient of the gel is the extract of pine heartwood. Additional ingredients are a gelling agent and a small amount of pine needle oil which makes it refreshing and vitalizing.

For external use only.

Available sizes:

500 ml (17 fl oz) ■



2.3 Wilms Camel Shampoo

Pleasant for skin and coat.

Wilms Camel Shampoo removes dirt and sweat thoroughly. It is ideal for camels with sensitive or irritated skin and can act as assisting skin care in the treatment of itching spots or slightly inflamed areas.

Herbal tensides made from sugar and coconut sustainably support the gentle care and the function of the skin.

Effect by regular using:

- elimination of bacteria
- reduction of germs & fungi
- reduction of parasites
- strengthens the skins protective barrier
- provides shiny and sleek skin
- maintains skin healthy and vital

Advantages:

- gentle and plant-based cleaning
- ideal for the cleaning of sensitive and irritated skin
- very effective in the treatment of acariasis

Ingredients:

Aqua, *Pinus Sylvestris* (Heartwood) Extract, Glycerin, Sodium Coco-Sulfate, Lauryl Glucoside, *Urtica Dioica* Extract*, Betaine, Disodium Cocoyl Glutamate, Sodium Cocoyl Glutamate, Coco Glucoside, Glyceryl Oleate, Hydrolized Wheat Protein, *Chamomilla Recutita* Flower Extract*, *Pinus Sylvestris* Leaf Oil, Glyceryl Caprylate, Sodium Chloride, Lactic Acid, P-Anisic Acid, Levulinic Acid, Alcohol*, Sodium Phytate, Limonene**.

*from certified organic agriculture

**compound from essential oil

Directions:

Apply Wilms Camel Shampoo to wet skin and coat and massage in well.

Leave on for a short time and then rinse well with water. Can be used as often as desired.

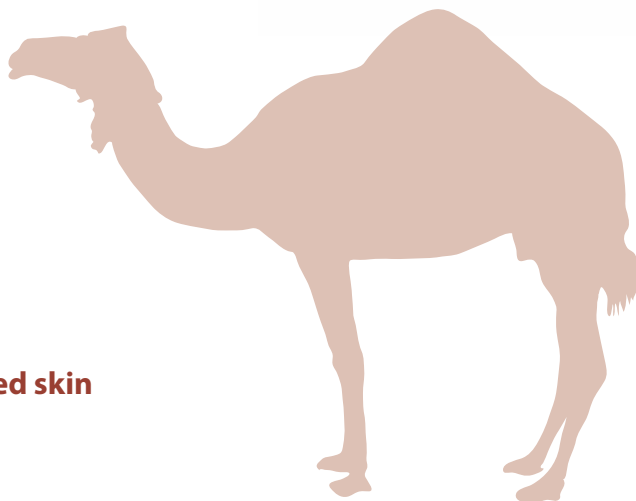
For even more sustainable care, apply Wilms Camel Pine Water directly to skin and coat and massage it in.

For external use only.

Available size:

1000 ml (35 fl oz)

5000 ml (175 fl oz) ■



2.4 Wilms Horse Shampoo

Pleasant for skin and coat.

Wilms Horse Shampoo is made with pine heartwood extract and certified organicoilsandextracts. It contains no synthetic ingredients or preservatives. It is created for use on the entire horse. The special formula provides gentle cleaning of horses' coat, mane and tail.

The shampoo removes dirt and sweat thoroughly. It is also ideal for horses with sensitive or irritated skin and can act as assisting skin care in the treatment of itching spots or slightly inflamed areas.

Herbal tensides made from sugar and coconut sustainably support the gentle care and the function of the skin. Wheat proteins and grape seed oil make the coat shiny and sleek.

Effect by regular using:

- protects and soothes stressed and hairless spots
- strengthens the skins protective barrier
- provides shiny and sleek skin and coat
- maintains skin healthy and vital

Advantages:

- gentle and plant-based cleaning
- ideal for the cleaning of sensitive and irritated skin
- assisting skin care in the treatment of insect bites, itching spots

Ingredients:

Aqua, Pinus Sylvestris (Heartwood) Extract, Glycerin, Sodium Coco-Sulfate, Lauryl Glucoside, Betula Alba Leaf Extract*, Betaine, Hydrolyzed Silk, Disodium Cocoyl Glutamate, Sodium Cocoyl Glutamate, Alcohol*, Vitis Vinifera Seed Oil*, Chamomilla Recutita Flower Extract*, Hydrolized Wheat Protein, Pinus Sylvestris Leaf Oil, Coco Glucoside, Glyceryl Oleate, Glyceryl Caprylate, Lactic Acid, Sodium Chloride, Sodium Phytate, P-Anisic Acid, Levulinic Acid, Sodium Levulinate, Linalool, Limonene, Caramel.

**from certified organic agriculture*

Directions:

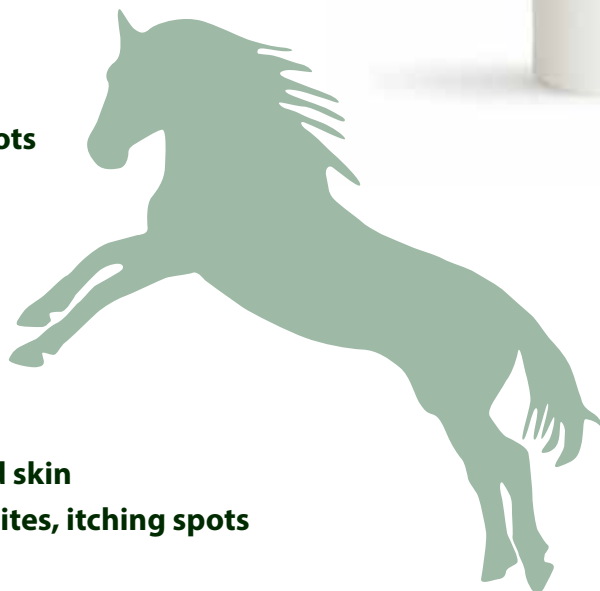
Wet coat areas which should be cleaned. Take a small amount of shampoo and gently massage it into coat and/or mane and tail, either manually or if applicable with a sponge.

Let lather remain for 5 minutes and then rinse thoroughly with water.

For external use only.

Available size:

1000 ml (35 fl oz) ■

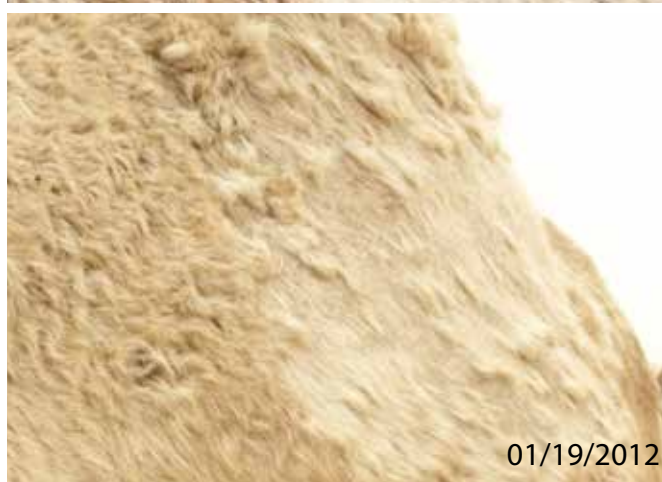


3. Testimonials



3.1 Report on Wilms Camel Care Products

Camel: 293



Camel: 132



Treatment: Wilms Camel Shampoo, Wilms Pine Water, Wilms Camel Gel ■





3.2 Study on the product Wilms PineFauna Horse Shampoo

Dr. med. vet. Christian Müller-Ehrenberg, May-June 2012

Product description and task formulation

Product: Wilms PineFauna Horse Shampoo

The horse shampoo is based on the valuable extract of pine heartwood. For hundreds of generations vigours have been forming in the pine heartwood, which make the tree resistant and thus keep it healthy. These protective properties can be made use of in a shampoo for pelt, skin, mane and tail.

By means of mild tensides, made from natural plant material, the shampoo cleans the pelt in a particularly soft manner and, moreover, can be applied to irritated skin. It keeps the skin healthy, cares for sensitive and stressed skin and protects hairless areas.

Task formulation:

The question as to what kind of effect the product Wilms PineFauna Horse Shampoo has on skin health and fat was to be clarified in a test with several horses. At the same time doping-related issues were to be clarified as well.

Approach and methodology

Three test candidates for the test of Wilms PineFauna Horse Shampoo were selected from a group of 35 horses. Horses with skin problems were deliberately selected. Horses which have problems in the spring to get through the change of coat. Before the test the horses had scaly skin, skin irritations with bleeding and swollen skin surfaces.

The test candidates were the following horses.

- "Sisu" 17 years, mare, warmblood
- "Fafnir" 16 years, gelding, Icelandic
- "Cyklon" 5 years, gelding, Freiburger

Within a period of 9 weeks the candidates were regularly washed every week with Wilms PineFauna Horse Shampoo. The test started on April 30, 2012 and finished on June 20, 2012. Changes with the horses were photographically documented both at the beginning and at the end and on May 08, 2012 and on May 22, 2012 respectively. Additionally, blood samples were taken from all candidates at the beginning and at the end of the test in order to exclude the topic of doping.

Findings and final remarks

Findings

The horses were regularly washed with Wilms PineFauna Horse Shampoo every week for a time period of 8 weeks. All 3 test candidates showed a significant improvement in skin and hair. The 3 test candidates managed the change of coat without problems and presented themselves in a shiny coat after the end of the test.

The positive changes were clearly visible at particularly "SIZU" and "FAFNIR". Before the test they showed clear skin irritations at the chest area and neck respectively, which reduced significantly after 8 weeks or disappeared completely.

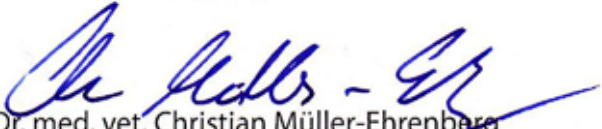
HEMOGRAM: an examination of the blood pictures showed no doping relevant changes. →



Final remarks

In an 8 week test the product Wilms PineFauna Horse Shampoo was tested on three horses. This horse shampoo is an extraordinarily good horse care product with positive effects on skin health and particularly on the coat.

Münster, July 04, 2012



Dr. med. vet. Christian Müller-Ehrenberg

"Sisu" 17 years, mare, warmblood



"Fafnir" 16 years, gelding, Icelandic



"Cyklon" 5 years, gelding, Freiburger



3.3 Customer Reviews

We again and again receive letters, in which the users of the unusual effect of the products report.

Here an excerpt:

Horse/Donkey

Insect repellant , injury - Horse

Pine Fauna Skin & Coat Care Gel

I have been using Pine Fauna Spray and Gel for the past six weeks on my gelding to repel the insects that swarm at sundown, especially the nasty little bugs we call no-se-ums, similar to gnats. They really dislike the smell of it. As a result, he is growing out his beautiful tail which was rubbed to bits last year. I use the Pine Fauna Gel for any injury that occurs to one of our horses in the barn and I have had wonderful success with it. Bites from other equines fade away, leaving no trace of scarring, and the hair grows back in quickly. Kicks, scrapes, lacerations, tears, and whatever else one could think of that did not require immediate veterinary repair have all responded beautifully to the gel. Now everyone in the barn is using it. Every horse and dog owner should always have plenty of both the Pine Fauna Spray and the Gel readily available.

Sherry M Zendel

Skin problems - Horse & Horse

Pine Fauna WOW

Pine Fauna shampoo and gel has provided great results for skin problems for horses and dogs. The product is effective for general cleaning of skin, wounds and irritation. The improved skin condition is noticeable after the first use of Pine Fauna. The Pine Fauna Spray is used when a quick refresher or spot treatment of coat. I have found the spray to be effective in gnat control for dogs and horses with a fresh non-chemical aroma. The gel is used for wounds to prevent infection and promote healing naturally. This product is very good to have for first aid and daily grooming.

I LOVE PINE FAUNA WOW.

Brenda Lovett

Chafed skin areas- Horse

I have been using PinusFauna care extract to treat chafed skin areas of my "summer mange horse" for three years. Since I started using the watery wood extract, the skin areas have been healing fast and the itching has been alleviated.

Kind regards

Juliane Erdmann

Shed - Horse

We saw the report on TV, in the ZDF Auslandsjournal (Foreign Affairs Journal). That was great promotion for the shampoo, indeed.

I tried this natural shampoo right away on one of our boarded mares. During changes of coat, she always had severe skin problems. Her entire back was full with scales, which just would not disappear however hard we tried. The mare is 25 years old and up to now we haven't found anything that helps against these scales. →



But..... First all the scales disappeared from the back and then there was a shine on her coat. The horse looked like shimmering copper in the sun.

Absolutely brilliant.

Best wishes from *Kauber Platte*

Melanoma - Horse

Melanoma - Horse

In the pictures you can see so-called melanoma (skin tumours), which normally occur with white horses only. These skin tumours can also turn malignant. The gene alteration is a so-called regulatory mutation.

The first horse had already been treated with Wilms®PinusFauna care extract and Wilms®PinusFauna care gel 2 months before its first admission in April 2009.

The tumour was as big as a fir cone. I submitted the white horse to a normal SMT (soft/gentle manual therapy) treatment and daily rubbed it exclusively with Wilms®PinusFauna care extract and Wilms®PinusFauna care gel.

In August 2011, the second horse was also treated with SMT (soft/gentle manual treatment). The horse was also sprayed with PinusFauna care extract from time to time. I also used Wilms®PinusFauna care gel time and again, but nothing else. Due to PinusFauna care extract and Wilms®PinusFauna care gel, the spot under the belly did not develop into an inflammation. Also, this big tumour was healed after a certain time. →

Wilms®PinusFauna care extract and Wilms®PinusFauna care gel seem to be panaceas, if they can heal such bad skin tumours.

Thanks to Herr Wilms who continues to further develop these products .

And also a huge thank you from the horse owners.

Willi Wendland

SMT Animal Health Practitioner

www.smt-am-tier.de

holon Product test

In summer 2011, we tested the animal care product Pine Fauna . The test was carried out via the holon Forum in cooperation with company Wilms. In general, holon is not willing nor prepared to test industrial care products. We are making an exception here, because the product contains just one active agent – pine heartwood extract. That corresponds to the homeopathic approach.

Sweet itch

The healing of wounds and skin irritations is accelerated by Pine. It does not have an effect on the disease itself (which is hardly surprising, as sweet itch is not caused by pathogens).

Problems at the feathering (itching, scales, scabs)

In one case, where Pine Fauna was sprayed once a day, the medical condition disappeared within three weeks. With mallenders there are diverse experiences, a very positive one as well as one without any improvement. →



Lengthy sore patches from chafing

Very good experience when consistently applied every day. Patches heal completely, if the animal has no psychic reasons to chafe itself again and again (boredom, stress, box stabling etc.).

Biting lice

Biting lice in the spring could be drastically reduced by thoroughly spraying infested skin patches with Pine Fauna. Brushes were also sprayed with Pine after grooming and left in the sunshine for drying.

Protection from insects

Flying insects can be kept away by Pine Fauna for a short while only. Pine Gel on the wounds of grazing livestock protects very well against flies for some hours (and consequently maggots).

Climate in the stable

Some horse owners proceeded to spray Pine Fauna in the stable in the summer after mucking out. The air is good, the number of flies is reduced temporarily and horses like going into the stable again.

Network holon

Sweet Itch

A very good day to you,

I have some feedback relating to your new product Wilms Pine Fauna care extract: it truly is a real panacea.

I have a pony, which has been suffering from sweet itch for many years. I have tried a great many products, but have never been as successful as I have been with this spray. After spraying the crest, you can immediately see that the itch is vanishing, because the pony stands there absolutely relaxed enjoying the relief. Furthermore you can see fantastic wound healing at the chafed area of skin. Scab just comes off and the skin underneath looks very good. And you don't have to spray several times a day, because I was absolutely successful when I used it irregularly. Whenever I go to the horse pasture I spray, so not more than once a day.

Kind regards S.M.



Scar formation

I want to contribute a progress report, too.

We use Pine Fauna as a spray...

Last summer I bought a warm blood which is seventeen years old by now. I bought him for little money, as he limped and was actually meant to be slaughtered. I had him examined. Diagnosis: arthrosis in the forelimb. He got hyaluronic acid injections. The condition improved slightly. Additionally he got rampion and ginger (both in ground form). As he would not eat it in its pure form, I soak carrot pellets and beetroot and mix everything. He hardly limps anymore. Looks great and behaves like a spring chicken. When I bought him, he had firm scars on the posterior inner fetlocks. Each one as large as half a palm. He also had bald scarred spots at the withers.

And then I came up with the idea of spraying these areas with Pine Fauna. Just look and wait what is going to happen. It was not even one week, before the old scarred layers began to come loose at the edge. When one area came off altogether, I was shocked at how thick this bald scarred 'bark' was. It was 4.5 cm thick. We decided to continue spraying him. I am really curious as to how this will develop; how the skin will develop now; if these areas will recover and if hair will possibly grow again.

I will get back to you on that via mail.

Kind regards Britta Feldmann

Malanders and eczemas in transversal skin furrows

Dear Team,

In October 2003, I bought an almost white tinker gelding with blue eyes from England. Then, the horse was three years old and passed the antibody tests with no findings.

After a settling in period of four weeks, minor ailments, so typical of tinkers, such as eczemas in transversal skin furrows and malanders started.

These were subsequently treated by a veterinarian. Since then, we have always made sure that James does not stand in the mud and also tried to fight eczemas in transversal skin furrows and malanders with various methods. Sometimes successfully, sometimes unsuccessfully.

Over the years, the vet bills added up and nothing really helped.

I have really tried everything. Starting with autohemotherapy, laser irradiation (which had a terrific effect, but is unaffordable in the long run), expensive vaccinations against fungi, special feed, allergy testing, cortisone treatment, alternative treatment methods such as homeopathy and Quantum Entrainment. However, none of these resulted in sustainable improvement.

The problem with chemical mazes was that they caused allergic reactions in my tinker. It has to be added that James is almost as sensitive as an albino.

The worst thing with this kind of affliction was the itching and smarting, which made James very dissatisfied.

The money, which I spent on various treatments over the years, would surely have been enough to buy myself a second James.

At some point, employees of the Olewo company approached me and gave me a sample of the newly developed Pine Fauna gel and asked me to try it.

Well, I thought: will not do any harm. It's worth a try. I did not have a great deal of hope, though. So, I took the sample and tried it on my James. I shortened my tinker's coat, in order to better access the infested areas. Then I applied Pine oil without any sophisticated pre-treatment, such as washing and things like that.

After three days only (I did not dare trust my eyes), a significant improvement became evident. The malanders infested areas were already dry, and James's itching caused by malanders and eczemas in transversal skin furrows had been reduced by 80% after one week. Since then I have been applying this panacea, as I would call it, on a daily basis in order to prevent another outbreak.

I would have liked to have had this stuff earlier. This would have saved my horse a lot of suffering and I would have saved a lot of money. But the best part of this gel is: it is purely plant-based and can therefore be used without hesitation. I cannot but recommend to any horse owner, whose horse has skin problems of whatever description, using Pine Fauna gel. They, who do not trust this, just have to try it.

A friend of mine told me that Pine Fauna even helped with the eczemas of her pony.

Only they who try will find out.

Best regards James Jérôme Boechat with James

Scale formation

Dear Sir or Madam

As a 'Thank you present' for my last progress report (equine sarcoid), you sent me a little bottle of the above mentioned extract.

During change of coat, my 14 year old thoroughbred English mare is prone to strong scale formation in the chest area and on the cannon bones. Brushing, washing, tea-tree oil lotion – so far, everything has been relatively unsuccessful. Then I got the little bottle and thought by myself 'Won't do any harm.' And, well, it didn't – just the opposite. →



After applying it just twice within four days, the scales have virtually disappeared. The coat is smooth and sleek and she enjoys being brushed in those areas again, which clearly displeased her in the past.

Thank you very much indeed for this product, too.

Nancy Franke

„Authentische Kommunikation“

Rhinorrhea

Dear Wilms Team

Amat (Arabian mare), born May 17, 2003 Amat came from Egypt to Germany when she was 3 years old.

Already in Egypt did she suffer from chronic purulent nasal discharge, for more than five years, all in all, with constantly changing or overlapping germs respectively. She was treated with the relevant antibiotics, which caused the discharge to stop for a couple of weeks or reoccur immediately. Due to a change of stable Amat has had new climatic conditions and a different kind of food since June 2010. She had had continuous purulent discharge since February 2010. An examination in Hochmoor Clinic showed no pathological changes of the frontal sinus cavity, where mucus had settled at a constant level. She had neither lung problems nor anomalies of the skull.

A nasal swab showed a moderate content of pseudomonas fluorescens, Streptococcus equi subsp. equi. The corresponding antibiotics, however, did not have any effect. A second nasal swab showed a small share of strangles bacteria. But she neither had a temperature nor any other symptoms typical of strangles.

Frau Moritz und Herr Baumann from Kauberplatte had reported on a similar case in the past, which they managed to get under control with the help of inhalations. Frau Moritz recommended Pine Fauna as inhalant, as it had proved very satisfactory in her experience.

Thus, the course of antibiotics, which had already been started, was additionally supported by inhaling Pine Fauna and resistance enhancing food (Olewo beetroot).

After finishing the course of antibiotics we continued using Pine Fauna 3 to 4 times a week for 2 months. The last inhalation was at the beginning of December 2010 and so far (January 19, 2011) no nasal discharge has occurred. The inhalation of Pine Fauna was very soothing and relaxing for Amat. The individual inhalation lasted for approx. half an hour to three quarters of an hour. We will prophylactically resume inhalations at the beginning of March, or immediately when nasal discharge reoccurs.

My personal impression is that Pine Fauna played an important role within this therapy. It was well accepted by Amat, once she had got used to the inhaler.

In addition to her food Amat is fed Olewo beetroot chips every day. This practice will be continued further on.

Thanks to Olewo chips and Pine Fauna, she has been free from nasal discharge and thoroughly healthy to this very day (May 2011).

Best regards from Kauber Platte Reinhild Moritz

Thrush and Insect protection

Dear Herr Wilms

This morning I talked to the managing director of a stud. She explicitly confirmed again that Wilms PinusFauna had had an incredible effect on a) a) Thrush: Every day she injects 10-20 ml directly into the hoof rot infested area of the frog by means of a small disposable syringe. After 3-4 days, the hoof hardens completely and is fully healed.

Alternatively, the rot patch is plugged with a soaked cloth over night, which is changed again the following day.

b) Insect protection: Combing out thoroughly and spraying the mane once serves as insect protection for about a week (according to her statements). →



A big swollen tick bite took just 12 hours to disappear completely.

With kind regards

Elke Adam (Dipl. Ing. agr.)

Injury und thrush

Hello

We would like to express our heartfelt thanks for all your efforts. Your advice and horse-sense has greatly helped us. We have applied PineFauna to our horses and are absolutely thrilled that this natural means has healed them so quickly and impressively. The older gelding's girth injury has been completely healed and hair has grown again. We got the thrush under control, too. We also had the saddle for the three-year-old gelding re-upholstered according to your specifications and massaged the saddle position every day with your pine heartwood extract. After a few days already, new hair had grown. We followed your instructions as to lunging and breaking in, and can ride the horse in the country in company. We are happy to have met you at the State Horticultural Show in Bad Essen. We will continue to apply Pine Fauna and naturally recommend it. By the way, we sprayed ourselves with it and thus averted the annoying insect bites. Many thanks again for your friendly and convincing advice.

Kind regards from Mastholte

Yours *Family Köhler*

Skin irritation - Horse, Ear infection - Dog

At the State Horticultural Show in Bad Essen we were introduced to the products of Company Wilms.

We very successfully used the product Wilms Pine Fauna with our horses.

Skin irritations disappeared completely after 2 to 3 days.

Inflammatory processes in the inner ear of our dog also abated.

One easily talks about "miracle cures", but you'll wonder how fast this cure works.

We are determined to test further products.

Many thanks *Klaus-Uwe Grützmann*

Ekzem precaution

Dear Herr Bösmann

The black flies time is over, our two ponies 'breathe again'.

Both horses survived the summertime better than the previous year, when we tried to fight the sweet itch with oils. They did not get any bald patches. The itching was obviously reduced so that they did not rub their fur so vehemently. I am very happy about that, and would consequently like to already order 5 more litres for next year.

Kind regards *Zilling*

Your product Pine Fauna has convinced us. We actually bought it for our horse, but now the whole family is using it for skin problems. It's a sweeping success!

Thank you very much! *Kirsten Perk!*



Case of summer

Hello!
Last year I cared for my horse using the PineFauna extract because she had a very bad case of summer eczema.
I am highly satisfied with your product. I had previously tried combating summer eczema with other products, but your pine heartwood extract has brought far better results.
Sincerely, *Lewandowski*

Summer eczema

Hello Mr. Wilms!
Just wanted to share some positive comments...
... on my horse against basic tail itch and it works! It even immediately took away the itch of a horse with summer eczema!
I am very excited and happy to recommend it!
Kind regards *Böse*

Brushes and combs can be sprayed with Pine after application and rough cleaning to keep them in a more hygienic status. They should, however, be dried fast and completely (sun, heat source).
Network holon ■



4. Research and Awards

4.1 Research Institutions



Federal Biological Institute for
Agriculture and Forestry



Ernst-Moritz-Arndt-University Greifswald
Clinic and Polyclinic for skin diseases



Institute for Medical Microbiology
- Clinical Virology,
Universitätsklinikum Münster



German Institute of Food Technology



Hygiene Nord GmbH



IS Insect Services GmbH



Institute for Environmental Medicine and
Hospital Epidemiology,
Institute for Plant Virology,
Microbiology and Biosafety



University Albstadt-Sigmaringen



Mikrolab



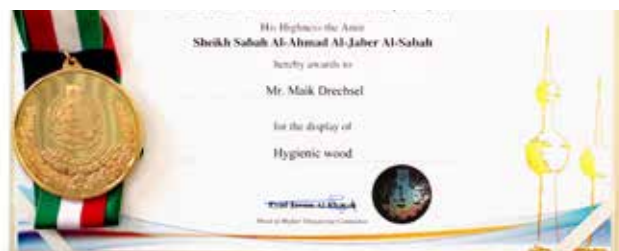
University Hospital Freiburg

Read more about our research at: www.pine-healthcare.com



4.2 International Awards

**International Invention Fair of the Middle East
Kuwait 2010, Kuwait**
Gold Medal



**Exposition INPEX
Pittsburgh 2010, USA**
Gold Medal



**Geneva Exhibition of Inventions
Geneva 2010, Switzerland**
Bronze Medal



**Exhibition of Inventions
Nürnberg 2009, Germany**
Silver Medal



**Geneva Exhibition of Inventions
Geneva 2008, Switzerland**
Two Gold and Two Silver Medals



5. Environmental Responsibility

Wilms® Hygienic Wood is committed to maintaining a responsible attitude toward the environment.

We strive to protect natural resources and the environment - especially in the processing of natural raw materials such as wood. We are obliged to take care of nature to ensure a healthy environment for future generations and to make certain that we leave the natural habitat intact.

Therefore, we make every effort to make environmentally friendly decisions:

- **Wood from sustainable forestry**

Wilms uses the heartwood of pine trees that come from PEFC certified forests. We obtain wood from companies that operate under sustainable forest regulations. This means that they plant more trees than they cut down.



- **No tree is cut especially for Wilms® Hygienic Wood**

We use the core of the wood that is leftover from wood veneer manufacturers since it can only be peeled into strips up to a certain diameter. This inner portion is round with a diameter of about 8cm. This is our valuable raw material. **No trees are cut down for our Hygienic Wood products.**



- **Efficient energy use**

Our innovative production guarantee optimally utilizes energy - economically and above all environmentally friendly.

Wood - CO2 Neutral

Products made of wood lead to an important environmental advantage. The extraction and processing of wood requires significantly less energy than other materials. Everywhere wood products can replace those made of other materials that require high energy to be produced, the result is an ecological advantage - especially for example, our wooden cutting boards.

Material of the Future

Our Hygienic Wood is antibacterial and non-chemical. This is definitely the way of the future. With its diverse health-promoting properties, Hygienic Wood plays an important role in the field of natural health. ■



6. Contact

6.1 Contact Info

For more information, please contact us.

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6.2 Orders

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