



Die Natur weiß den Weg

PerNaturam®

Products 2020

Natural feed supplements
for the optimal care of your dog

PerNaturam – at home in nature

Welcome to PerNaturam!

PerNaturam is an owner-operated feedstuffs manufacturer with a team of staff whole-heartedly dedicated to species-appropriate nutrition for dogs, cats and horses. We and our consulting team are happy to answer any queries you may have about your animal.

For over 30 years, our focus has been on developing species-appropriate nutrition for animals, while constantly expanding our knowledge of the effects of nutrients and essential vitamins and minerals.

In our consultations and product and recipe developments, we are guided by nature and the seasonal food available to wolves and wild dogs. Decades of interacting with animals and focussing on their needs have led us to the assertions we make in our recommendations and consultations that can be quite contrary to textbook opinion.

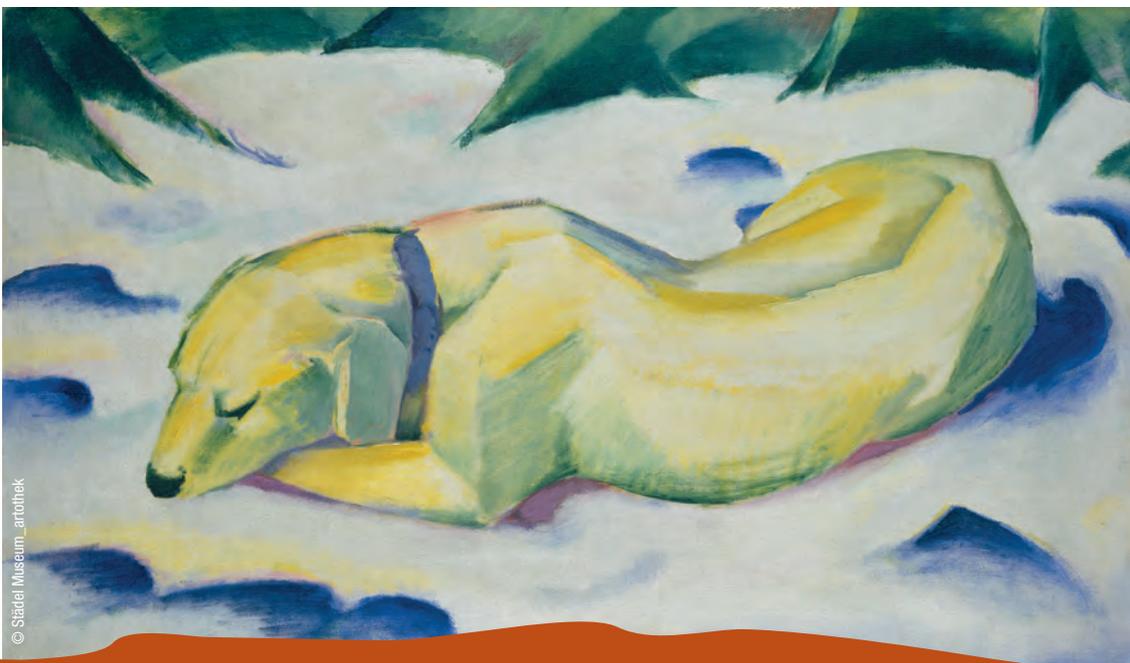
Our constant goal is to help dogs find their inner balance. With this in mind, we draw on the knowledge, experience

and insights we have gained from our study of biology, ecology and phytotherapy. To continue deepening our knowledge and to incorporate the latest findings in nutritional science and herbal medicine into our products, we collaborate with several universities.

Traditional wisdom is just as important to us as the latest research. Never losing sight of time-honoured practices, every day, we build on our knowledge, which we gladly share with our customers.

In our new catalogue, we have taken our inspiration from the pictures of animals by the expressionist Franz Marc. Franz Marc (1880–1916) developed his own view of the world. He is the most important representative of German Expressionism and was a co-founder of the artists' group known as the Blue Rider (*Blauer Reiter*). He was particularly fascinated by animals. He produced his large canvases painting in situ amongst herds of horses and also spent a lot of time observing and studying pets.

Allow yourself, like us, to be captivated by his portrayal of animals and his play of colours. Franz Marc teaches us that, as individuals, we are able to perceive things differently, but also develop our own views of the world.





Dear friends of PerNaturam,

Bordered by the Middle-Rhine, Moselle and Nahe rivers is the Hunsrück region. Located in Rhineland-Palatinate, there are numerous natural forests and species-rich meadows with wild daffodils, orchids and arnica. Even lynxes and shy wildcats can still be spotted here. At its heart lies the village of Gödenroth, home to PerNaturam.

Proximity to nature is particularly important to us, because it is the role model that inspires us – nature knows the way.

Following this way, we would like to show you how you can respond to your dog's special requirements or stresses effectively and how you can feed it in an ideal and species-appropriate way. To this end, we develop sophisticated recipes, procuring the highest quality raw materials to maintain or even improve your dog's vitality and potential, allowing it to live a long life in the best of health.

We only ever produce in small batches. We have always had a hands-on approach, which allows us to keep a close eye on our products and to keep in touch with our customers' needs. Nature has always been our most important guide in the development of our recipes.

We also draw on a wealth of experience from our ancestors and the many new scientific findings that reach us every day. Particularly important to us is our customers' experiences, especially those of the many animal therapists with whom we are in constant contact. Our own dogs and those of our employees also continue to teach us to pay close attention.

This brochure is intended to be more than just a product catalogue. It aims to provide you with a lot more information about our products, expanding on what you have already learned from our "Die Natur weiß den Weg" (Nature knows the way) guides, our consultations and our seminars.

Discover the world of PerNaturam!
We hope you enjoy it.

Klaus-Rainer Töllner
Biologist

Manfred Heßel
Certified Ecologist

Consultation



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Mon. to Thurs. from 8 a.m. to 6 p.m.

Fri. from 8 a.m. to 5 p.m.

Sat. from 9 a.m. to 12 p.m. (CET)

We are here to help and will be happy to advise you personally and free of charge.



E-mail: beraterteam@pernaturam.de



Homepage: www.pernaturam.de

Here you can find further information and many useful tips.

Guides

You can order our free guides on informative and key topics online at: www.shop-pernaturam.de/pernaturam-ratgeber-hunde or download them at: www.pernaturam.de/downloads.

Your ordering options



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Germany

Delivery



Fast

Orders received by 12 noon are usually processed and sent the same day.



Environmentally-friendly

In order to meet our obligations under the Packaging Ordinance, we have joined the Dual System Interseroh. We ship our packages with:



Shipping costs

Cash on delivery €10.30

By invoice €5.90

For orders over €60.00, delivery is free within Germany.

Flat rate to Austria €9.90;

free delivery for orders over €100.00.

Flat rate to Switzerland €29.90;

free delivery for orders over €130.00.

For shipping costs to other countries go to: www.shop-pernaturam.de/versandkosten.

Prices

All prices include VAT, price changes and misprints excepted. With the publication of this price list, all previous prices lose their validity. Effective as of December 2019.

General Terms and Conditions

You will find the General Terms and Conditions in our online shop at www.shop-pernaturam.de/agb.



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4 Primary Care

In addition to a variety of meat from different animal species, vegetables, herbs and algae are part of the balanced primary care of dogs in order to guarantee a species-appropriate diet.

10 Tins of Pure Meat

If fresh meat is not available or dogs have problems with raw meat, tins of pure meat are a good alternative.

14 Sausage

As a tasty, healthy treat or small snack every now and then, we offer various types of sausage without additives.

16 Minerals

Minerals and trace elements from natural sources.

20 Fats & Oils

Animal and vegetable fats and oils for supplying energy with highly unsaturated fatty acids, for building up strength and body mass and for skin metabolism.

23 Teeth & Mouth Flora

Herbal mixtures, algae and bone meal for the formation and preservation of teeth, gums and mucous membranes in the mouth and throat.

26 Airways & Lungs

Oxygen supply is essential for energy production; expectorant herbs and essential oils will help your dog breathe easily.

28 Stomach – Intestines & Digestion

The gastrointestinal tract is where the ingestion of food happens. Herbs and herbal mixtures stimulate the appetite, promote healthy digestion and ensure stable intestinal flora.

32 Endoparasites

Special herbal mixtures alter the intestinal flora to prevent intestinal parasites and worms from settling in the intestines.

36 Pancreas

The pancreas produces digestive enzymes for processing carbohydrates, fats and proteins. Permanent stress and unbalanced or inappropriate feeding can overburden the pancreas.

38 Liver

The liver is a central metabolic organ. The liver can become overburdened as a result of inappropriate feeding, following incorrect medication instructions and environmental toxins. Excessive demands can be recognised in the eyes, mucous membranes and skin in particular.

40 Elimination

Complex metabolic processes ensure the excretion of indigestible or harmful substances. PerNaturam's detoxification concept explains how the excretory organs can be supported effectively.

44 Heart & Kidneys

Good circulation to the tissue is important for supplying blood to the cells. Circulation and kidneys work hand in hand. The kidneys filter water-soluble substances from the blood so that they can be excreted as urine.

47 Immune System

A well-functioning immune system is the best aid for keeping the body fit and healthy.

50 Nervous System & Stress

Concentration, resilience and the immune system depend on a properly functioning nervous system. Special nutritional supplements help to maintain resistance to stress and promote performance and well-being.

52 Sport & Performance

Vitality and performance are the result of training and an optimised diet. Sport and performance dogs need supplements that quickly provide energy and support the muscles.

55 Tendons, Ligaments & Joints

The care of the musculoskeletal system is particularly important in large breeds and dogs with genetic dispositions. The aim is to support the musculoskeletal system, maintain mobility and prevent deposits in the joints.

58 Skin & Coat

The skin and coat interact closely with the intestine; their condition provides an indication of the dog's nutritional status, intestinal flora and physical health. Care of the coat from within is supplemented by skin care products.

64 Origin of Herbs

66 Breeding, Puppies & Young Dogs

Special supplements are necessary for breeding and rearing to meet the various requirements of males, pregnant and nursing females, foetuses and puppies.

70 Seniors

In older dogs, many bodily functions can be impaired and metabolism is slower. Special additives increase activity and improve mobility and quality of life.

73 Product Index

The basis of good health is an optimal diet

A healthy diet is one necessarily derived from nature and the conditions in which our animals' relatives or ancestors used to live in the wild and partly still do. Only nature knows the way – it has consistently proven this for millions of years.

The cause of all illnesses is a disruption of the internal balance, which the body cannot restore. This is usually due to a deficiency or an oversupply of nutrients, often a combination of both. Medication can only help to restore this balance if feeding is improved at the same time. What is even more effective, however, is optimising daily care as a preventive measure so that serious health problems do not arise in the first place. Prevention is better than cure!

So, what does a dog need?

The best approach is to look at what a wolf eats. The wolf is an omnivore, not a pure carnivore. Like all predators, it first licks the blood, then eats the guts, parts of the stomach and the whole intestine including its contents. Its prey animals are mostly herbivores. Their intestines are accordingly full of semi-digested plant-based food, rich in enzymes, vitamins (including those produced by the intestinal bacteria of the prey), secondary plant substances, chlorophyll, antioxidants, minerals and trace elements – all of these are incorporated in organic structures, i.e. not derived from rocks or chemically produced. After that, muscle flesh, tendons, ligaments, cartilage and bones are eaten. Fruit and vegetables are also on the menu!

Dogs need more than fresh meat, otherwise they will quickly show signs of deficiencies. It is important to know that any dry food or tinned food given to dogs is heated to a high temperature, sometimes over 200 °C, which many vital substances do not survive. This is why natural, high-quality supplements are absolutely necessary, whether you feed your dog raw food, cook yourself or give them ready-made food.



The name Komplement® says it all

Komplement® products supplement basic feed with substances that are either not found in meat and vegetables or are not present in sufficient quantities. The wide variety of essential substances also supports the intestinal flora in the production of enzymes, vitamins and nutrients.

Komplement® products provide the basis for a healthy, balanced diet and prevent deficiency symptoms. Use the different Komplement® products as required by your dog's particular circumstances or stage in life.

Komplement® Basis

Optimises the daily supply of nutrients and vital substances

Feed supplement for dogs

Komplement® Basis provides daily basic care in the form of essential nutrients and substances from natural sources. Komplement® is the ideal supplement for BARF diets (Biologically Appropriate Raw Food), but it is no less important as a daily addition to dry food and other complete foods that lack many vital substances. Combine Komplement® Basis with the high-grade oils from PerNaturam.

Composition

Sunflower lecithin (GMO-free), brewer's yeast (total vitamin B complex), ground flower pollen (all amino acids), seaweed powder (minerals and trace elements), moringa leaf powder, algae calcium, spirulina (chlorophyll, magnesium), rosehip peel (vitamins C + K and beta-carotene), mangrove algae (vitamin D, omega-3 and omega-6 fatty acids), concentrates of sapucaia nuts (selenium). All substances are of natural origin.

Analytical constituents: Crude protein 19.7%, fat content 17.8%, crude fibre 2.6%, crude ash 20.8%.

Minerals: Calcium 2.34%, phosphorous 0.74%, sodium 0.42%, iodine 42.5 mg/kg.

Technological additives per kg: 120 g silica, precipitated.



2.5 g

12 g

Size	Item no.
150 g	308008
250 g	308001
500 g	308002
1 kg	308003
2.5 kg	308004

Komplement® Basis · Feeding recommendation: daily

≤ 5 kg	15 kg	30 kg	≥ 40 kg
Up to 	2 x 	3 x 	1 x 
During the last trimester of pregnancy, a change in coat and periods of high demands, you can feed up to twice as much Komplement® Basis. Please supplement with meat and bone meal if not already feeding bone.			

Komplement® Sensitiv

Supply of vital substances for sensitive dogs – new recipe!

Feed supplement for dogs

Nowadays, dogs are exposed to many synthetic substances; this underlying factor often overwhelms sensitive dogs, making their immune systems react to harmless foodstuffs. This is why Komplement® Sensitiv is formulated without flower pollen and brewer's yeast to provide optimum care for sensitive dogs.

Komplement® Sensitiv is the ideal supplement for BARF diets (Biologically Appropriate Raw Food), but also for our tins of pure meat. Komplement® Sensitiv is now available without algae calcium which allows you to combine it with bone feed, algae calcium or our venison bone meal. Add essential oils from PerNaturam.



2.5 g

12 g

Composition

Sunflower lecithin (GMO-free), moringa leaf powder, fermented algae (minerals and trace elements), rosehip (vitamin C + K and beta-carotene), mangrove alga (*Schizochydrum* – vitamin D, omega-3 fatty acids), spirulina, grapeseed powder, agrimony, bitter poppy, fennel, seaweed, concentrates of sapucaia nut (selenium). All substances are of natural origin.

Analytical constituents: Crude protein 13.1%, fat content 19.2%, crude fibre 8.9%, crude ash 19.3%.

Minerals: Calcium 0.48%, phosphorous 0.36%, sodium 0.45%, iodine 41.2 mg/kg.

Technological additives per kg: 160 g silica, precipitated.

Size	Item no.
150 g	308018
250 g	308019
500 g	308020
1 kg	308021
2.5 kg	308022

Komplement® Sensitiv · Feeding recommendation: daily			
≤ 5 kg	15 kg	30 kg	≥ 40 kg
Up to 	2 x 	3 x 	1 x 
Please supplement with calcium from bones, our meat and bone meal from venison or algae calcium.			

Primary Care

Komplement® Junior

Supply of nutrients and vital substances for puppies and young dogs

Feed supplement for dogs

Puppies and young dogs need special care for their growth and skeletal structure. Relative to their body weight, they eat up to four times as much as an adult dog needs. Komplement® Junior supplements this increased need for essential substances, minerals and trace elements. We only use natural resources. It is particularly important to add Komplement® Junior to all self-prepared meals such as those made using tins of pure meat and fresh meat.

Combine Komplement® Junior with PerNaturam's 30 Kräutergarten and Bauerngarten herbs, essential oils and meat and bone meal.

Composition

Sunflower lecithin (GMO-free), spirulina (chlorophyll, magnesium), brewer's yeast (total vitamin B complex), ground flower pollen (all amino acids), seaweed powder (minerals and trace elements), moringa leaf powder, algae calcium, quinoa sprouts, agrimony, rosehip peel (vitamins C and K and beta-carotene), Mangrove algae (vitamin D, omega-3 fatty acids), concentrates of sapucaia nuts (selenium). All substances are of natural origin.

Analytical constituents: Crude protein 21.2%, fat content 16.6%, crude fibre 5.3%, crude ash 18.4%.

Minerals: Calcium 2.44%, phosphorous 0.85%, sodium 0.39%, iodine 9.11 mg/kg.



Technological additives per kg:
120 g silica, precipitated.

Size	Item no.
150 g	308013
250 g	308014
500 g	308015
1 kg	308016
2.5 kg	308017

Feeding recommendation

Small breeds up to 10 kg receive the following, relative to their weight: 4 kg = 8 g, 7 kg = 11 g.

Medium-size breeds up to 25 kg receive the following, relative to their weight: 6 kg = 12 g, 10 kg = 17 g, 18 kg = 20 g.

Large breeds up to 50 kg receive the following, relative to their weight: 10 kg = 20 g, 25 kg = 30 g, 40 kg = 35 g.

The small scoop holds 2 g, the big scoop 12 g.

Please supplement the calcium supply by adding: 1.5 g of meat and bone meal per kilo of body weight per day up to the sixth month; 1 g of meat and bone meal per day from 6 months to 1 year, 0.3 g of meat and bone meal per day for adult dogs – please reduce if feeding bone.



Komplement® L-M

Important for the primary care of dogs with struvite stones!

Detailed information can be found on page 45.

Lithothamnium Algenkalk (algae calcium)

Natural supply of calcium

Feed material for dogs

PerNaturam algae calcium obtained from the marine alga *Lithothamnium calcareum* is an ideal plant source of minerals and macro and trace elements.

Size	Item no.
250 g	308023
500 g	308024
1 kg	308025



Find further detailed information on page 18.

Möhrengranulat (carrot granules)

Particularly rich in carotenes – for stomach, intestine and skin

Feed material for dogs

Chopping carrots very finely and drying carefully at low temperatures is the best way to preserve their natural quality. They supply the body with natural vitamins and trace elements. They are also particularly rich in carotenes (precursor of vitamin A), which are more readily available when combined with oils. Carotenes improve reddish brown pigmentation. Carrot granules regulate digestion and protect the stomach and intestine.

Carrot granules · Feeding recommendation: daily

Add a teaspoon to tablespoon of pre-soaked granules to food.
ATTENTION: White or black dogs may develop a red tinge to their coat if fed with carrots for a prolonged period.



Composition

100% carrot, gently dried and granulated.

Analytical constituents:

Crude protein 9.6%, fat content 1.8%, crude fibre 8.5%, crude ash 9.4%.

Minerals: Calcium 0.27%, phosphorous 0.26%, sodium 0.26%.

Size	Item no.
500 g	309014
2.5 kg	309015

3 types of meat and bone meal

Optimises the supply of calcium and phosphorous

Meat and bone meal is used to optimise the dog's calcium and phosphorus supply and is important for the development and maintenance of bones and joints. The readily available calcium supports numerous metabolic processes. It is indispensable for pregnant and lactating females and ensures the stable growth of puppies.

Fleischknochenmehl (meat and bone meal)

Beef and pork

Feed supplement for dogs

The bone meal from meaty beef and pork bones has an impressively high calcium content and, especially for puppies, offers a particularly balanced calcium to phosphorous ratio. Please note the specific feeding recommendations on pages 17 and 24.

Composition

100% ground meat and bones from beef and pork (bone meal deglued).

Analytical constituents:

Crude protein 29.4%, fat content 6.4%, crude ash 60%.

Minerals: Calcium 24%, phosphorous 10.2%, sodium 0.71%.

Size	Item no.
500 g	308005
1 kg	308006
2.5 kg	308007



Fleischknochenmehl Rind pur (meat and bone meal from beef)

New!

Feed supplement for dogs

This is bone meal made of pure meaty beef bones. The high meat content makes it darker in colour with a slightly lower calcium level. It is also suitable for puppies. Please note the specific feeding recommendations in our shop or on the label.

Minerals: Calcium 18%, phosphorous 8%, sodium 0.62%.

Size	Item no.
500 g	308029
1 kg	308030
2.5 kg	308031



Fleischknochenmehl Hirsch pur (meat and bone meal from venison)

New!

Feed supplement for dogs

This is the alternative for allergy sufferers: a bone meal made from venison bone. It contains the lowest calcium content of our bone meals, but is also suitable for puppies and young dogs. Please note the specific feeding recommendations in our shop or on the label.

Minerals: Calcium 15%, phosphorous 7%, sodium 0.62%.

Size	Item no.
500 g	308026
1 kg	308027
2.5 kg	308028



30 Kräutergarten (herb garden)

Herbal variety for the supply of vital substances

Feed supplement for dogs

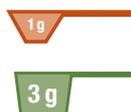
30 Kräutergarten is a mixture of 30 aromatic and medicinal herbs that provides your dog with the optimal supply of vital substances. These herbs provide a variety of secondary plant substances: natural antioxidants, enzymes, essential oils and fibre. This mixture stimulates the secretion of digestive juices, supports intestinal flora and stabilises the immune system.

Composition

In equal parts: anise, arnica, birch leaves, stinging nettle, buckwheat herb, veronica, verbena, fennel, lady's mantle, ginkgo, rosehip, camomile, knotweed, mullein, coriander, caraway, bedstraw, lime blossom, dandelion, lemon balm, mint, oregano, marigold, yarrow, ribwort plantain, wild pansy, thyme, willowherb, hawthorn, horsetail.

Analytical constituents: Crude protein 12.1%, fat content 5.4%, crude fibre 25.7%, crude ash 8.1%.

Minerals: Calcium 1.08%, phosphorous 0.28%, sodium 0.12%.



Size	Item no.
150 g	309027
300 g	309001
900 g	309002
3 kg	309024



30 herb garden · Feeding recommendation: daily

≤ 5 kg	15 kg	30 kg	≥ 40 kg
Up to 	2 x 	2 x 	3 x 

This is perfect in combination with PerNaturam's Bauergarten (farmer's garden), available in Grob, Fein or Grün (coarse, fine or green).

Primary Care

Bauerngarten Rot or Grün (farmer's garden red or green)

As a substitute for fresh fruit and vegetables; stimulates intestinal peristalsis and emptying of anal glands

Feed supplement for dogs

Coarse or fine with natural red pigments in granular form or green – without red fruit and vegetable content.

This gently dried vegetable and fruit mixture is available in three varieties: finely granulated, in 2 mm cubes with red pigments or green (fine). Bauerngarten enriches food with organically bound minerals and trace elements. The high fibre content stimulates peristalsis in the intestines and helps the anal glands to drain.

1 kg of Bauerngarten corresponds to 10 kg of fresh vegetables and fruits.

Composition

Contains equal parts of carrots, beetroot, celeriac, parsnip, rosehip peel and small pieces of apple. Grün (fine): celeriac bulb and stems, parsnip, parsley, courgette, small pieces of apple.

Analytical constituents: Crude protein 8.1% (Grün: 10.2%), fat content 2.3% (Grün: 2.2%), crude fibre 8.3% (Grün: 9.5%), crude ash 6.4% (Grün: 9.6%).

Minerals in Bauerngarten Rot: Calcium 0.28%, phosphorous 0.26%, sodium 0.1%.

Minerals in Bauerngarten Grün: Calcium 0.59%, phosphorous 0.29%, sodium 0.19%.

Farmer' garden · Feeding recommendation: daily			
≤ 5 kg	15 kg	30 kg	≥ 40 kg
1/2 x 	2 x 	3 x 	4 x 
<p>Allow Bauerngarten to soak briefly in meat stock or water. It will swell to five times the amount. For overweight dogs, the amount can be doubled. This makes it easier for them to lose weight, and dogs with little exercise do not gain weight as quickly. Ideal in combination with PerNaturam's 30 Kräuter Garten (herb garden).</p>			



Rot (red), fine

Size	Item no.
150 g	309028
500 g	309020
1 kg	309021
3 kg	309023

Rot (red), coarse

Size	Item no.
500 g	309003
1 kg	309004
3 kg	309022



Grün (green)

Size	Item no.
150 g	309033
500 g	309025
1 kg	309026
3 kg	309029

Hagebutten-Pulver (rosehip powder)

Natural vitamin C

Feed material for dogs

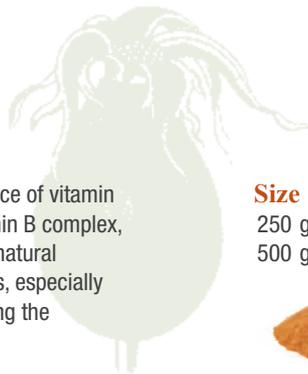
Gently dried, ground rosehips are a natural source of vitamin C (involved in the metabolism of calcium), vitamin B complex, vitamin K and carotenoids. The high content of natural antioxidants protects the cells from free radicals, especially red blood cells and mitochondria, thus supporting the immune system.

Composition

Gently dried, ground rosehips.

Analytical constituents: Crude protein 3.4%, fat content 0.8%, crude fibre 13.3%, crude ash 5.9%.

Minerals: Calcium 0.96%, phosphorous 0.15%, sodium 0.01%.



Size	Item no.
250 g	309009
500 g	309030

Rosehip powder · Feeding recommendation: daily			
≤ 5 kg	15 kg	30 kg	≥ 40 kg
1 to 2 x 			

Basic care pack Basis or Junior

Feed supplement for dogs

Our basic care pack will help you get started and save you money. Please refer to the individual items for detailed product descriptions.

Composition

Basic care pack “Basis”

- 250 g Komplement® Basis
- 300 g 30 Kräutergarten (herb garden)
- 500 g Bauerngarten Rot grob (farmer's garden red, coarse)
- 500 g Fleischknochenmehl Rind pur (meat and bone meal from beef)
- 250 ml Lachs-Öl (salmon oil)

Composition

Basic care pack “Junior”

- 250 g Komplement® Junior
- 300 g 30 Kräutergarten (herb garden)
- 500 g Bauerngarten fein (farmer's garden, fine)
- 500 g Fleischknochenmehl Rind pur (meat and bone meal from beef)
- 250 ml Lachs-Öl (salmon oil)

Size

Size	Item no.
Basis	350020
Junior	350041



Save €7.80
compared to
individual purchases!



Trial pack

In response to numerous requests, we have put together smaller quantities of our most important basic care products for you. This will allow you to test and observe acceptance and any initial changes in your dogs over a certain period of time.

The pack also contains our most important guides as well as the two species-appropriate booklets about “*Stärke, Diabetes, Krebs*” (Starch, Diabetes, Cancer) and “*Artgerechte Hundefütterung*” (Species-Appropriate Dog Feeding).

Composition Adult

- 100 g Bauerngarten fein (farmer's garden, fine)
- 100 g 30 Kräutergarten (herb garden)
- 150 g Komplement® Basis
- 400 g Rind Komplett (beef).

Item no.
350032



Please refer to the individual items for detailed product descriptions.

Tins of pure meat from our own production

In PerNaturam Komplett mixtures, we try to reproduce the prey animal in its entirety, i.e. muscle flesh, internal organs, tendons and blood. Most recipes can now be produced by our own butcher using meat from the local region. In this process, we pay particular attention to species-appropriate animal rearing.

For a complete, well-rounded meal, please supplement our tins of pure meat with the Komplement® Basis, Junior or Sensitiv products, fresh vegetables or alternatively with our Bauerngarten (farmer's garden), 30 Kräutergarten (herb garden), bone feed or with our Fleischknochenmehl (meat and bone meal), Lachs-Öl (salmon oil) and Hanf-Öl (hemp oil) supplying valuable omega-3.

For dogs with organ disorders, we have specially developed the CuraCanis Schonkost (light food) range. The tins contain portions of meat that are particularly easy to digest, supplemented with herbs and types of vegetables that support the affected organs. To ensure that valuable ingredients are not destroyed during the tin heating process, particularly heat-sensitive herbs are protected in a separate sachet. Every CuraCanis tin is supplied with the corresponding sachet of supplements to provide a wholesome meal requiring nothing else to be added.



If you have any questions about feeding, please contact our team of animal health practitioners, nutritionists and veterinarians for advice. We are here to help on: + 49 (0)6762 963 622 99 or mail to: beraterteam@pernaturam.de.

Rind Komplett (beef)

Feed supplement for dogs

Composition

Muscle meat, rumen, offal, fat and stock from beef: The composition of PerNaturam Rind Komplett corresponds to the ratio of parts found naturally in the animal as a whole.

Production

Pure beef with no preservatives.

Storage recommendation

Maximum storage temperature +20 °C.

Feeding recommendation

The daily recommended amount of PerNaturam pure meat tinned food is 2 to 3% of body weight, preferably distributed over several feeds.

Analytical constituents:

Crude protein 14.4%, fat content 6.2%, crude ash 0.52%, crude fibre 2.4%, moisture 78.7%.

Minerals: Calcium 0.01%, phosphorous 0.08%, sodium 0.09%.

Technological additive:

Locust bean and guar gum.

Size	Item no.
400 g	320501
6 x 400 g	350036



Herz, Blut & Innereien (heart, blood & offal)

Feed supplement for dogs

Composition

30% muscle meat, 25% offal (lung, kidney, liver), 10% heart, 10% blood, 25% stock.

Production

Pure beef with no preservatives.

Storage recommendation

Maximum storage temperature +20 °C.

Feeding recommendation

The recommended daily amount of PerNaturam pure meat tinned food is 2 to 3% of body weight, preferably distributed over several feeds. The precise daily amount of food depends on the breed, age and activity level of your dog.

Analytical constituents:

Crude protein 13.5%, fat content 7.8%, crude ash 0.57%, crude fibre 1.3%, moisture 78.2%.

Minerals: Calcium 0.01%, phosphorous 0.09%, sodium 0.09%.

Size	Item no.
400 g	320503
6 x 400 g	350038



Rind Komplett Fein (beef, fine)

Feed supplement for dogs

Composition

Muscle meat, rumen, offal, fat and stock from beef.

Production

Pure beef with no preservatives.

Storage recommendation

Maximum storage temperature +20 °C.

Feeding recommendation

The recommended daily amount of PerNaturam pure meat tinned food is 2 to 3% of body weight, preferably distributed over several feeds.

Analytical constituents:

Crude protein 14.4%, fat content 6.2%, crude fibre 2.4%, crude ash 0.52%, moisture 78.7%.

Minerals: Calcium 0.01%, phosphorous 0.08%, sodium 0.10%.

Technological additive:

Locust bean and guar gum.

Size	Item no.
400 g	320507
6 x 400 g	350037



EXTRA FINELY GROUND!

Suitable for:

- Small breed adult dogs
- Puppies
- Dogs with chewing problems

Lamm Komplett (lamb)

Feed supplement for dogs

Composition

Muscle meat, offal, rumen, stock and fat from lamb.

Storage recommendation

Maximum storage temperature +20 °C.

Production

Pure lamb with no preservatives.

Feeding recommendation

The daily recommended amount of PerNaturam pure meat tinned food is 2 to 3% of body weight, preferably distributed over several feeds.

The precise daily amount of food depends on the breed, age and activity level of your dog.

Analytical constituents:

Crude protein 8.9%, fat content 14.1%, crude ash 1.8%, crude fibre 1.8%, moisture 73.8%.

Minerals: Calcium 0.19%, phosphorous 0.15%, sodium 0.2%.

Technological additive:

Locust bean and guar gum.

Size	Item no.
400 g	320504
6 x 400 g	350042



Tins of Pure Meat

Geflügel pur (poultry)

Feed supplement for dogs

Composition

Muscle meat, offal and stock from chicken and turkey.

Production

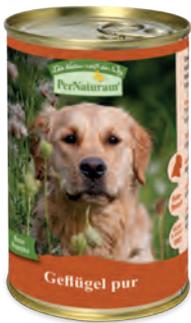
Pure chicken and turkey with no preservatives.

Storage recommendation

Maximum storage temperature +20 °C.

Feeding recommendation

The daily recommended amount of PerNaturam pure meat tinned food is 2 to 3% of body weight, preferably distributed over several feeds. The precise daily amount of food depends on the breed, age and activity level of your dog.



Analytical constituents:

Crude protein 11.1%, fat content 2.7%, crude fibre 1%, crude ash 1.5%, moisture 84.1%.

Minerals: Calcium 0.18%, phosphorous 0.18%, sodium 0.16%.

Technological additive: Locust bean and guar gum.

Size	Item no.
400 g	350033
6 x 400 g	320509

Wild-Mix Komplett (game)

Feed supplement for dogs

Composition

Muscle meat, offal, stock and fat from game.

Production

Game with no preservatives.

Storage recommendation

Maximum storage temperature +20 °C.

Feeding recommendation

The daily recommended amount of PerNaturam pure meat tinned food is 2 to 3% of body weight, preferably distributed over several feeds. The precise daily amount of food depends on the breed, age and activity level of your dog.



Analytical constituents:

Crude protein 12.9%, fat content 9.3%, crude fibre 0.69%, crude ash 0.69%, moisture 75.8%.

Minerals: Calcium 0.01%, phosphorous 0.12%, sodium 0.08%.

Technological additive: Locust bean and guar gum.

Size	Item no.
400 g	320506
6 x 400 g	350034

Schwein Komplett (pork)

Feed supplement for dogs

Composition

Muscle meat, offal, rind, cartilage, blood and stock from pork.

Production

Pure pork with no preservatives.

Storage recommendation

Maximum storage temperature +20 °C.

Feeding recommendation

The daily recommended amount of PerNaturam pure meat tinned food is 2 to 3% of body weight, preferably distributed over several feeds.

The precise daily amount of food depends on the breed, age and activity level of your dog.

- From Hunsrück Kräuterschwein (pigs fed partly on herbs)
- Suitable for allergy sufferers
- Energy rich – suitable for dogs that are fussy eaters

Analytical constituents:

Crude protein 16.8%, fat content 12.6%, crude ash 0.83%, crude fibre 1%, moisture 70.1%.

Minerals: Calcium 0.04%, phosphorous 0.09%, sodium 0.14%.

Technological additive: Locust bean and guar gum.

Size	Item no.
400 g	320508
6 x 400 g	350035

Mixed tins of pure meat

Need a change by any chance?

Feed supplement for dogs

If your dog likes all of the tinned meat, we recommend our mixed pack of 6 varieties for a healthy change when needed!

Please refer to the individual items for detailed product descriptions.

Our 6-variety pack

- 1 x Rind Komplett (beef)
- 1 x Herz, Blut & Innereien (heart, blood & offal)
- 1 x Schwein Komplett (pork)
- 1 x Wild Komplett (game)
- 1 x Lamm Komplett (lamb)
- 1 x Geflügel pur (poultry)

Our pack with no beef

- 6 x 400 g, different varieties, no beef

Our beef pack

- 6 x 400 g, different varieties of beef

Other tinned pure meat packs can be found in our shop.

Storage recommendation

Maximum storage temperature +20 °C.

You save €1.70 compared to individual purchases!

	Size	Item no.
6-variety pack	6 x 400 g	350039
Beef pack	6 x 400 g	350043
Pack with no beef	6 x 400 g	350044



CuraCanis® Herz Schonkost (light food for the heart)

Feed supplement for dogs

High-quality muscle meat with a high natural taurine content to support the heart muscle: The selected vegetable mixture provides folic acid, potassium and magnesium. Add the included special heart supplement, which contains herbs selected to help improve circulation, to the tinned content.

Composition with heart supplement sachet

Beef muscle meat, rumen and heart, carrot, beef fat and blood, broccoli, beef stock, sunflower seeds, beef liver, tomato extract, meat and bone meal, hawthorn, moringa, lithothamnion algae calcium, motherwort, mangrove alga, powdered cod liver oil, seaweed powder, lemon balm extract.



Size 6 x 400 g
Item no. 350046

Production

Game with no preservatives.

Storage recommendation

Maximum storage temperature +20 °C.

Feeding recommendation

Add one 6 g sachet of heart supplement to each tin to provide a complete meal.

Analytical constituents: Crude protein 15.6%, fat content 11.5%, crude ash 2.4%, crude fibre 1%, moisture 68.2%.

Minerals: Calcium 0.46%, phosphorous 0.24%, sodium 0.06%.

Technological additive: Locust bean and guar gum.

CuraCanis® Leber Schonkost (light food for the liver)

Feed supplement for dogs

Using high-quality muscle meat reduces the build-up of ammonia. To support the liver the recipe contains little fat, but some amaranth to provide a source of energy. The selected vegetable mixture, rich in bitter substances, stimulates the liver, gall bladder and pancreas. Add the included special liver supplement, which contains milk thistle and turmeric, to the tinned content.

Composition with liver supplement sachet

Chicken muscle meat and stock, amaranth, dandelion, pumpkin, chicken heart, fat and liver, sunflower seeds, magnolia vine, lithothamnion alga calcium, meat and bone meal, milk thistle, moringa, turmeric, mangrove alga (*Schizochytrium*), powdered cod liver oil, seaweed powder.

Production

Chicken with no preservatives

Size 6 x 400 g
Item no. 350047

Storage recommendation

Maximum storage temperature +20 °C.

Feeding recommendation

Add one 8 g sachet of liver supplement to each tin to provide a complete meal.

Analytical constituents: Crude protein 15.3%, fat content 6.1%, crude ash 2%, crude fibre 1.9%, moisture 66.1%.

Minerals: Calcium 0.38%, phosphorous 0.22%, sodium 0.06%.

Technological additive: Locust bean and guar gum.



CuraCanis® Niere Schonkost (light food for the kidneys)

Feed supplement for dogs

Easily digestible muscle meat and low phosphorus in the overall recipe are combined with a fat source for the energy supply. The selected vegetable mixture helps to flush the kidneys and bladder. Add the included special kidney supplement, which contains select herbs to help improve circulation, to the tinned content.

Composition with kidney supplement sachet

Pork muscle meat and fat, birch leaves, goldenrod, pork heart and liver, dandelion, pork stock, sunflower seeds, lithothamnion algae calcium, cranberry, brewer's yeast, crude lecithin, mangrove alga, powdered cod liver oil, seaweed powder.

Production

Pork with no preservatives.



Size 6 x 400 g
Item no. 350048

Storage recommendation

Maximum storage temperature +20 °C.

Feeding recommendation

One 9 g sachet of kidney supplement is added to each tin to provide a complete meal.

Analytical constituents: Crude protein 14.8%, fat content 12.6%, crude ash 2%, crude fibre 1%, moisture 69.9%.

Minerals: Calcium 0.5%, phosphorous 0.15%, sodium 0.05%.

Technological additive: Locust bean and guar gum, diatomaceous earth.

High-quality sausage for dogs from PerNaturam

PerNaturam sausages for dogs are a healthy treat. Made from the best ingredients, their perfected composition is free from preservatives, stabilisers, flavour enhancers and other synthetic additives.

None of the sausages are made with preservatives so they must be kept refrigerated at around 7 °C! Our sausages can also be frozen.

Our sausages are made from 100% of the respective animal ingredients.

Blutwurst (blood sausage) from pork

Feed supplement for dogs

Feed as a treat, incentive and to improve food acceptance. Take the fed amount into account in the total daily food.



Composition

Blood, rind, heart, cartilage and stock from pork, rock salt.

Size	Item no.
220 g	320002
500 g	320001

Storage recommendation

Please keep refrigerated at around 7 °C!

Analytical constituents: Crude protein 21.9%, fat content 12.7%, crude ash 1.2%, crude fibre 1%, moisture 65.7%.

Minerals: Calcium 0.01%, phosphorous 0.07%, sodium 0.3%.

Hunsrücker

Feed supplement for dogs

Feed as a treat, incentive and to improve food acceptance. Take the fed amount into account in the total daily food.



Composition

Offal and fat from pork and beef, pork blood, meat stock, beef rumen, rock salt.

Size	Item no.
220 g	320004
500 g	320009

Storage recommendation

Please keep refrigerated at around 7 °C!

Analytical constituents: Crude protein 21.9%, fat content 14.1%, crude fibre 1.1%, crude ash 1.9%, moisture 63.4%.

Minerals: Calcium 0.02%, phosphorous 0.1%, sodium 0.53%.



Sehnen-Mark-Knochen (tendon-marrow-bone) from beef

Feed supplement for dogs

Feed as a treat, incentive and to improve food acceptance. Take the fed amount into account in the total daily food.



Composition

Blood, tendons, stock, fat and meaty bone meal from beef, rock salt.

Size	Item no.
220 g	320006
500 g	320005

Storage recommendation

Please keep refrigerated at around 7 °C!

Analytical constituents: Crude protein 24.3%, fat content 17.1%, crude ash 1.3%, crude fibre 3.4%, moisture 58.6%.

Minerals: Calcium 0.02%, phosphorous 0.08%, sodium 0.37%.

Fleischwurst (meat sausage) from pork

Feed supplement for dogs

Feed as a treat, incentive and to improve food acceptance. Take the fed amount into account in the total daily food.



Composition

Muscle meat, rind, fat and stock from pork, beetroot juice, rock salt.

Size	Item no.
220 g	320012
500 g	320007

Storage recommendation

Please keep refrigerated at around 7 °C!

Analytical constituents: Crude protein 16.9%, fat content 11.8%, crude ash 0.55%, crude fibre 0%, moisture 68.8%.

Minerals: Calcium 0.01%, phosphorous 0.1%, sodium 0.05%.

Geflügelwurst (poultry sausage)

Feed supplement for dogs

Feed as a treat, incentive and to improve food acceptance. Take the fed amount into account in the total daily food. The pork content makes it firm to cut.



Composition

45% turkey, 35% pork, 19% poultry stock, rock salt.

Size	Item no.
220 g	320011
500 g	320014

Storage recommendation

Please keep refrigerated at around 7 °C!

Analytical constituents: Crude protein 15%, fat content 16.2%, crude ash 0.88%, crude fibre 0%, moisture 66.5%.

Minerals: Calcium 0.01%, phosphorous 0.16%, sodium 0.06%.

Wildwurst (game sausage)

Feed supplement for dogs

Feed as a treat, incentive and to improve food acceptance. Take the fed amount into account in the total daily food.



Composition

Muscle meat and offal, fat, stock and blood from game (venison, wild boar), rock salt.

Size	Item no.
220 g	320010
500 g	320013

Storage recommendation

Please keep refrigerated at around 7 °C!

Analytical constituents: Crude protein 19.3%, fat content 11.1%, crude ash 0.41%, crude fibre 0%, moisture 67.4%.

Minerals: Calcium 0.01%, phosphorous 0.9%, sodium 0.04%.

Sausage packs

Feed supplement for dogs

Our packs of sausages consist of:

Small packet of sausages

- 220 g Fleischwurst (pork sausage)
- 220 g Geflügelwurst (poultry sausage)
- 220 g Wildwurst (game sausage)

Large packet of sausages

- 500 g Blutwurst (blood sausage) from pork
- 500 g Sehnen-Mark-Knochen (tendon-marrow-bone) from beef
- 500 g Hunsrückler from beef and pork



Please refer to the individual items for detailed product descriptions.

Storage recommendation

Please keep refrigerated at around 7 °C!

Size	Item no.
Pack of sausages, small	350045
Pack of sausages, large	350016

Mineral supply

Minerals or trace elements are crucial components in most molecules of the body – particularly all enzymes which are essential for the body to function. Calcium, phosphorus and silicon are the most important building blocks for bones. Once again, nature supplies the best sources in the form of bone and algae – which also means that they are organic in origin. Minerals and trace elements that are organically bound can be better absorbed, they are distributed evenly throughout the body without accumulating in just a few organs.

Meat and bone meal is important for dogs with joint and bone damage. Higher levels are also required by performance dogs, pregnant and lactating females, puppies and young dogs up to about one and a half years, dogs before and after operations, old dogs and all those who do not get bones in their diet. Algae calcium from lithothamnion alga is also an excellent source of calcium, magnesium and numerous trace elements bound by the algae from the seawater.

An important fact that all breeders need to be aware of: A female dog builds up calcium reserves in case of pregnancy. If there is not enough calcium stored in the body, this may result in infertility: The dog is unable to conceive or may not be fertile in the first place. If it does become pregnant, the litters are small, the puppies underdeveloped. It is therefore essential to provide the breeding female with sufficient calcium from natural sources long before they are in season. An optimal calcium supply is also the best way to prevent eclampsia.



Seealgenmehl (seaweed powder)

Organic minerals & trace elements from the North Sea

Feed material for dogs

PerNaturam seaweed powder is a purely natural product made of gently dried, finely ground seaweed (*Ascophyllum nodosum*) from the North Atlantic coast of Canada. This product provides your dog with a natural supply of organically bound minerals and trace elements. It intensifies the pigmentation of skin and coat, giving the colour more depth and brilliance.

Size	Item no.
500 g	313003
1 kg	313004



Composition

100% ground seaweed, *Ascophyllum nodosum* (naturally contains minerals and trace elements such as phosphorous, sodium, magnesium, iodine, iron, cobalt, selenium, potassium, aluminium, copper, zinc and manganese).

Analytical constituents: Crude protein 8.5%, fat content 3.3%, crude fibre 3.9%, crude ash 22.9%.

Minerals: Calcium 1.1%, phosphorous 0.1%, sodium 2.89%, iodine 0.07%.

1.5 g

Seaweed powder · Feeding recommendation			
≤ 5 kg	15 kg	30 kg	≥ 40 kg
1.5 g	1.5 g	2 x 1.5 g	3-4 x 1.5 g
For poor pigmentation, give 2 to 3 times a week; for iodine deficiency give daily.			

Lecithin mit Kieselerde (lecithin with silica)

For tendons, ligaments, joints & cell building

Feed material with additive for dogs

This product contains 60% lecithin and 40% silica for your dog's cell growth, regeneration, performance and beauty.

The body needs lecithin constantly, because lecithins – in particular the phospholipids (36% content) – are the building blocks for all cell membranes. Without lecithin there would be no cell function or cell renewal, no growth.

The body requires silica (diatomaceous earth) for the production of synovial fluid and the formation of horn, i.e. hair and claws, bones, connective tissue and cartilage.

Lecithin with silica is an important supplement, particularly for pregnant females and for puppies, during a change in coat and for performance dogs.



Composition

Sunflower lecithin (GMO-free)

Analytical constituents: Crude protein 3.7%, fat content 44.5%, crude fibre 1.4%, crude ash 34.1%.

Minerals: Calcium 1.3%, phosphorous 1.07%, sodium 0.2%.

Technological additives per kg:

400 g silica, precipitated.

Size	Item no.
500 g	313001
1 kg	313002

1.5 g 13 g

Lecithin · Feeding recommendation: daily			
≤ 5 kg	15 kg	30 kg	≥ 40 kg
1.5 g	2 x 1.5 g	13 g	2 x 13 g
Double the amount during pregnancy and rearing!			

Fleischknochenmehl (meat and bone meal)

Optimises the supply of calcium and phosphorous

Feed supplement for dogs

Meat and bone meal is used to optimise the dog's calcium and phosphorus supply and is important for the development and maintenance of bones and joints. The readily available calcium supports numerous metabolic processes. It is indispensable for pregnant and lactating females and ensures the stable growth of puppies.

PerNaturam meat and bone meal is made from meat-rich bone parts fit for consumption. Due to the meat content, it is accepted very well and prevents constipation and bone faeces.

The calcium/phosphorous ratio is 2.35:1.

Composition

100% ground meat and bones from beef and pork (bone meal deglued).

3 types of meat and bone meal see page 7



Analytical constituents:

Crude protein 29.4%, fat content 6.4%, crude ash 60%.

Minerals: Calcium 24%, phosphorous 10.2%, sodium 0.71%.

Size	Item no.
500 g	308005
1 kg	308006
2.5 kg	308007

2.5 g 16.5 g

Meat and bone meal · Feeding recommendation: daily		
2 to 6 months	7 to 12 months	From 1 year
1.5 g per kg of body weight	1 g per kg of body weight	0.3 to 0.5 g per kg of body weight
Feeding instructions for puppies! Feeding instructions for adult dogs are on page 24.		

Minerals

Lithothamnium Algenkalk (algae calcium)

Natural supply of calcium

Feed material for dogs

PerNaturam algae calcium obtained from the marine alga *Lithothamnium calcareum* is an ideal plant source of minerals and macro and trace elements.

This calcareous alga binds and concentrates minerals and trace elements from seawater. This makes PerNaturam algae calcium a high-quality source of minerals. Lithothamnium Algenkalk contains 34% calcium with high biological availability.

Lithothamnium · Feeding recommendation: daily			
≤ 5 kg	15 kg	30 kg	≥ 40 kg
1/4 x 	1/2 x 		
We recommend our meat and bone meal to meet the increased requirement for phosphorous in pregnant females and puppies.			

Composition

100% calcareous alga, *Lithothamnium calcareum*.

Analytical constituents: Crude protein 0.5%, fat content 0.5%, crude fibre 1%, crude ash 93.5%.

Minerals: Calcium 34.4%, phosphorous 0.04%, sodium 0.73%, magnesium 2.34%, potassium 0.04%.



Size	Item no.
250 g	308023
500 g	308024
1 kg	308025



Algentrio

Elimination, blood formation, odour neutralisation

Feed supplement for dogs

This product is used for elimination, blood formation and the neutralisation of odours associated with female dogs in season. Spirulina and chlorella are chlorophyll-rich algae with a high iron, magnesium and amino acid content. Lithothamnium is rich in minerals, especially available calcium.

Spirulina and chlorella microalgae support the elimination process. Their high chlorophyll content improves blood formation. The easily digestible chlorophyll in the microalgae is also a great remedy for mouth and body odour, which usually disappears after just a few days. The typical smell associated with female dogs in season is reduced, thereby keeping males at bay. Microalgae are also powerful antioxidants used to protect the body from inflammation.

Composition

Spirulina, chlorella, lithothamnium, maltodextrin, magnesium stearate.



Size	Item no.
150 tablets	302020
300 tablets	302021

Analytical constituents: Crude protein 40.3%, fat content 6.6%, crude fibre 3.2%, crude ash 18.4%.

Minerals: Calcium 5.46%, phosphorous 0.69%, sodium 0.86%.

Algentrio · Feeding recommendation: daily

≤ 5 kg	15 kg	30 kg	≥ 40 kg
	2-3 	4-5 	6 
Double the amount during pregnancy and rearing!			



We will be happy to advise you!

Do you have any questions about our products?

Does your dog have specific problems?

We are happy to help you! We can discuss your requirements and offer possible solutions on an informal basis with no obligation.

You can reach us from Monday to Thursday, 8 a.m. to 6 p.m.,
Friday from 8 a.m. to 5 p.m. and Saturday from 9 a.m. to 12 midday.

Our consultants can be reached on the direct number:

+ 49 (0)6762 963 622 99

Kaldera Spirulina (caldera spirulina)

Revitalises and supports metabolism – a very special treat

Feed material for dogs

This high-quality spirulina grows in Burma's pristine, clean crater lakes. It is dried directly on the banks. The high content of chlorophyll, amino acids and minerals ensures that your dog is amazingly revitalised, making its coat glossier with more intense pigmentation. In addition, caldera spirulina nourishes the intestinal flora, has a detoxifying effect and supports the immune system. It is also a popular treat – dogs love it.

Composition

100% sun-dried spirulina flakes.

Analytical constituents: Crude protein 53.9%, fat content 4.2%, crude fibre 1%, crude ash 5.4%.

Minerals: Calcium 0.08%, phosphorous 0.73%, sodium 0.58%.



Size	Item no.
100 g	311017
250 g	311018
600 g	311019

Caldera spirulina · Feeding recommendation			
≤ 5 kg	15 kg	30 kg	≥ 40 kg
1/2 teaspoon	1 teaspoon	2 teaspoons	3 teaspoons
Give PerNaturam caldera spirulina as a feed supplement or a treat.			

Spirella

Improves metabolism and revitalises

Feed supplement for dogs

Microalgae mix of spirulina and chlorella. Chlorophyll-rich algae with a high iron, magnesium and amino acid content: Rich in vitamin B-complex, beta-carotene and vitamin C, Spirella microalgae mix helps with recuperation and detoxification and improves blood formation. The high chlorophyll content reduces the odours of females in season and eliminates unpleasant smells from the mouth or coat.

Composition

Spirulina and chlorella.



Analytical constituents: Crude protein 66.2%, fat content 7.2%, crude fibre 3.1%, crude ash 6.7%.

Minerals: Calcium 0.13%, phosphorous 1.1%, sodium 0.68%.

Spirella · Feeding recommendation: daily			
≤ 5 kg	15 kg	30 kg	≥ 40 kg
	2 x 	3 x 	4 x 
For detoxification, double the dose of Spirella for ten to fourteen days.			



Size	Item no.
200 g	313012

Would you like some more background information on minerals?

Then we would love you to read the article *“Mineralstoffe – viel hilft viel?”* (Minerals – does a lot help a lot?) by biologist Dr. Garbers. Find the article at <http://www.artgerecht-tier.de> by searching for *Mineralstoffe* (minerals).

Also find the article via Hunde > Ernährung (Dogs > Nutrition). This section contains further relevant articles by various authors on the individual vitamins and trace elements.

Why oils and fats are so vital in food!

Your dog and your cat – not to mention us humans – need about 50 essential nutrients (amino acids, vitamins, minerals, fats). The body cannot produce these substances itself, but they are absolutely essential to ensure healthy organ functions. For this reason, it is vital that these nutrients are ingested with food.

Only two of these vital nutrients can be classified as fats and oils, namely, linoleic acid (LA, omega-6 fatty acid, di-unsaturated) and alpha-linolenic acid (ALA, omega-3 fatty acid, tri-unsaturated). As such, these two types of omega-3 and omega-6 fatty acids are the most important essential fatty acids (EFA). They are known for their positive effect on animal skin functions (skin, coat; e.g. for itching, eczema), inflammatory processes in the body and the cardiovascular system. EFAs are important components of the cell membranes (cell sheaths) and are required for them to function properly, i.e. they help to maintain the health of the cells and thus ultimately the entire metabolic process!

The term omega-3 indicates the position of the first double bond of the fatty acid. In this example, the first double bond is on the third carbon atom, counted from the end of the carbon chain (hence omega = last letter of the Greek alphabet), opposite the carboxy group (COOH group) characteristic of fatty acids. If, on the other hand, the first double bond is on the sixth carbon atom, the fatty acid is called omega-6.

It is not only the absolute quantity of fat absorbed through the food that is decisive, rather the ratio of omega-6 to omega-3 fatty acids in the food. (This also applies in all respects to human nutrition!)



Lachs-Öl (salmon oil)

High content of omega-3 fatty acids

Feed material for dogs

In PerNaturam salmon oil, there is a high concentration of essential omega-3 fatty acids (24%). This is why it plays a part in daily care. It promotes cell formation and is particularly important for pregnant female dogs, growing puppies, elderly dogs and dogs prone to eczema. Omega-3 fatty acids also improve heart function.

Composition

100% fish oil.

Analytical constituents:

Fat content 99.9%.

Size	Item no.
250 ml	310001
500 ml	310005
1 l	310010



Reiskeim-Öl (rice germ oil)

For fertility and muscle growth

Feed material for dogs

PerNaturam rice germ oil is rich in essential fatty acids (oleic, linoleic and palmitic acid), has an ideal fatty acid structure and contains the active ingredient complex oryzanol, which promotes fertility and improves muscle development. It is also particularly rich in natural tocopherol (vitamin E, antioxidant). Rice germ oil is particularly important for breeding dogs; it is also important for dogs that need to develop good muscles and are required to perform well.

Composition

100% rice germ oil.

Analytical constituents:

Fat content 99%.

Size	Item no.
250 ml	310009
500 ml	310007



Salmon, hemp, rice germ oil · Feeding recommendation

≤ 5 kg	15 kg	30 kg	≥ 40 kg
½ teaspoon	1 teaspoon	1 tablespoon	2 tablespoons

Once opened, keep refrigerated and use within 2 months!

Hanf-Öl (hemp oil)

Rich in unsaturated fatty acids

Feed material for dogs

The particularly high-quality hemp oil from PerNaturam is native and cold-pressed and very rich in unsaturated fatty acids and natural antioxidants.

It contains 14% monounsaturated fatty acids, 55% linoleic acid, 18% alpha-linolenic acid (omega-3) and 3% gamma-linolenic acid. The high chlorophyll content invigorates the body and ensures that the oil has a long shelf life. This fact and its ideal composition make hemp oil clearly superior to linseed oil. It helps dogs in all phases of life, especially with coat problems.

Analytical constituents:

Fat content 99.9%.

Size	Item no.
250 ml	310002
500 ml	310006
1 l	310011



LipoMarin

Fine fish fat for performance, breeding and rearing and for the skin and coat

Feed material for dogs

PerNaturam LipoMarin is an easily digestible fatty food made of hardened fine fish fat that dogs find appealing. LipoMarin does not contain any trans fatty acids, it consists exclusively of saturated fatty acids. The fatty acids contained in LipoMarin are important for skin metabolism and for building up energy reserves.

LipoMarin is indispensable for expectant females, during lactation, for puppies and young dogs, dogs sensitive to cold and performance dogs. Dogs that are fussy eaters gain weight and get into better shape with LipoMarin.

Composition

100% hardened fish fat.

Analytical constituents:

Fat content 99.9%.

Size	Item no.
250 g	310020
500 g	310021
1 kg	310022



1.8 g

11 g

LipoMarin · Feeding recommendation

≤ 5 kg	15 kg	30 kg	≥ 40 kg
2 x 	2 x 	3 x 	4 x 

Feed gradually! The fat content should make up 15-20% of food.

Fats & Oils

Dorsch-Lebertran (cod liver oil)

High-quality source of vitamin A and D

Feed material for dogs

Cod liver oil is a high-quality source of vitamin A and D. While vitamin A is important for the eyes, skin and mucous membranes, vitamin D improves the absorption of calcium in the body ensuring a strong skeleton. The cod liver comes from fish caught in the wild in Scandinavia.

Please observe the recommended amount!

Composition

100% cod liver oil.

Analytical constituents:

Fat content 99.9%.

Size	Item no.
100 ml	310025



Cod liver oil · Feeding recommendation			
≤ 5 kg	15 kg	30 kg	≥ 40 kg
1/2 ml	1 ml	2 ml	3 ml
Once opened, keep refrigerated and use within 2 months!			

Ägyptisches Schwarzkümmel-Öl (Egyptian black cumin oil)

Protects mucous membranes; encourages milk production

Feed material for dogs

High grade, cold-pressed, native oil from *Nigella sativa*. The active ingredient in the essential oil is fully preserved. Black cumin oil has a positive effect on all mucous membranes in the gastrointestinal tract, in the reproductive organs and in the respiratory tract, as well as encouraging milk production.

Composition

Pure Egyptian black cumin oil with 22% monounsaturated fatty acids, 59% highly unsaturated fatty acids and approximately 1% essential oils.



Size	Item no.
250 ml	310003
500 ml	310008

Analytical constituents:

Fat content 99%.

Egyptian black cumin oil · Feeding recommendation			
≤ 5 kg	15 kg	30 kg	≥ 40 kg
1/2 teaspoon	1 teaspoon	2 teaspoons	3 teaspoons
Add to the food as a course of treatment and preferably alternate with other oils from PerNaturam. Once opened, keep refrigerated and use within 2 months!			

Nachtkerzenöl Kapseln (evening primrose oil capsules)

For itching and eczema, for intact skin and a glossy coat

Feed material for dogs

PerNaturam evening primrose oil is rich in gamma linolenic acids (9%) – for intact skin and a glossy coat. It is especially important in the case of itching and eczema. Applied to the skin, evening primrose oil soon eases itching.

Composition

500 mg of evening primrose oil per capsule; capsule shell 200 mg soft gelatine.

Analytical constituents: Crude protein 18.5%, fat content 41.58%, crude fibre 1%, crude ash 0.32%, moisture 4.8%.



Size	Item no.
100 capsules	303017
200 capsules	303018

Nutritional additives per capsule: Vitamin E 15 mg as RRR-alpha-tocopherol = 29,000 IU per kg of evening primrose oil. Equates to 22.35 IU per capsule.

Evening primrose oil capsules			
Feeding recommendation: daily			
≤ 5 kg	15 kg	30 kg	≥ 40 kg
1 capsule	2 capsules	3-4 capsules	5 capsules
Once opened, keep refrigerated and use within 2 months!			

SilkyCoat®

Perfect coat care from within

Feed supplement for dogs

SilkyCoat® is a blend of highest quality, cold-pressed oils – including argan oil from the nut of the African argan tree, the gold of Morocco. SilkyCoat® contains the ideal composition of all fatty acids that are indispensable for the development and regeneration of skin and coat.

Composition

SilkyCoat® is an oil blend of cold-pressed sunflower, rapeseed, hemp, linseed and argan oils.



Analytical constituents:	Size	Item no.
Fat content 99%.	100 ml	303007
	250 ml	303008
Once opened, keep refrigerated and use within 2 months!	500 ml	303009
	1 l	303011

SilkyCoat® · Feeding recommendation: daily			
≤ 5 kg	15 kg	30 kg	≥ 40 kg
1/2 teaspoon	1 teaspoon	2 teaspoons	1 tablespoon
Simply add to food! Dogs love it!			

Taking a closer look at teeth

Many dogs suffer from plaque and tartar and have really bad breath. Your dentist has almost certainly explained to you what causes this: components of starchy and sugary foods which cause deposits to build up on teeth. They create the perfect breeding ground for bacteria and fungi that produce acids, which in turn eat away at the tooth enamel. This makes it rough, offering an even better surface for destructive germs and bacteria to attack. Soon calciferous compounds, proteins and carbohydrates begin to accumulate – producing dreaded tartar. The gums begin to recede and become inflamed, exposing the necks of teeth. If nothing is done about it, the teeth will be ruined within a few years and will have to be extracted, as is precisely the case for us humans. But the destruction of the teeth, possibly right into the jawbone, is not the end of the story. The permanent infections migrate through the body, weakening the immune system and making the body susceptible not only to infections, but above all to damage caused by free radicals, which can manifest in arthritis and arthrosis. What started out on a small scale now threatens the whole body.

So, what can be done about it? Very few dogs allow their teeth to be brushed very easily and if a dog tends to develop tartar, even gnawing raw bones will not always help. The solution lies in altering the mouth flora to create an environment in which pathogenic germs are no longer able to thrive. Myrrh, propolis, grapeseed extracts and various essential oils are used to improve the oral environment and reduce tartar and plaque.



Teeth & Mouth Flora

Ascotent Plus

For plaque and bad breath

Feed supplement for dogs

Ascotent Plus contains concentrates of grapeseed rich in valuable secondary plant substances, especially oligomeric proanthocyanidin complexes. The anti-inflammatory properties of myrrh and cloves care for the gums and prevent unpleasant mouth odours.

Composition

Concentrates of grapeseed, myrrh, clove.



Analytical constituents: Crude protein 1.4%, fat content 0.7%, crude fibre 1%, crude ash 9.5%.

Minerals: Calcium 0.15%, phosphorous 0.01%, sodium 0.09%.

Technological additive per kg: Clinoptilolite of sedimentary origin 9 g.



Size	Item no.
50 g	303019
100 g	303020

Ascotent Plus · Feeding recommendation: daily			
≤ 5 kg	15 kg	30 kg	≥ 40 kg
	½ x		2 x

Kaldera Spirulina (caldera spirulina)

Revitalises and supports metabolism – a very special treat

Feed material for dogs

This high-quality spirulina grows in Burma's pristine, clean crater lakes. It is dried directly on the banks. The high content of chlorophyll, amino acids and minerals ensures that your dog is amazingly revitalised, making its coat glossier with more intense pigmentation. In addition, caldera spirulina nourishes the intestinal flora, has a detoxifying effect and supports the immune system.

It is also a popular treat – dogs love it.

Composition

100% sun-dried spirulina flakes.



Size	Item no.
100 g	311017
250 g	311018
600 g	311019

Caldera spirulina · Feeding recommendation			
≤ 5 kg	15 kg	30 kg	≥ 40 kg
½ teaspoon	1 teaspoon	2 teaspoons	3 teaspoons
Give PerNaturam caldera spirulina as a feed supplement or a treat.			

Analytical constituents: Crude protein 53.9%, fat content 4.2%, crude fibre 1%, crude ash 5.4%.

Minerals: Calcium 0.08%, phosphorous 0.73%, sodium 0.58%.

Fleischknochenmehl (meat and bone meal)

Optimises the supply of calcium and phosphorous

Feed supplement for dogs

Meat and bone meal is used to optimise the dog's calcium and phosphorus supply and is important for the development and maintenance of bones and joints. The readily available calcium supports numerous metabolic processes. It is indispensable for pregnant and lactating females and ensures the stable growth of puppies.

PerNaturam meat and bone meal is made from meat-rich bone parts fit for consumption. Due to the meat content, it is accepted very well and prevents constipation and bone faeces. The calcium-phosphorous ratio is 2.35:1.

Composition

100% ground meat and bones of beef and pork (bone meal deglued).

Analytical constituents: Crude protein 29.4%, fat content 6.4%, crude ash 60%.

3 types of meat and bone meal – see page 7



Size	Item no.
500 g	308005
1 kg	308006
2.5 kg	308007

Minerals: Calcium 24%, phosphorous 10.2%, sodium 0.71%.



Meat and bone meal · Feeding recommendation: daily			
≤ 5 kg	15 kg	30 kg	≥ 40 kg
	+	¾	
Feeding instructions for adult dogs! Find the feeding instructions for puppies on page 17!			

Hagebuttenpulver (rosehip powder)

Antioxidants and natural vitamin C

Feed material for dogs

Gently dried, ground rosehips are a natural source of vitamin C (involved in the metabolism of calcium), vitamin B complex, vitamin K and carotenoids. The high content of natural antioxidants protects cells from free radicals, especially red blood cells and mitochondria, thus supporting the immune system.



Composition

Gently dried, ground rosehips.

Analytical constituents: Crude protein 3.4%, fat content 0.8%, crude fibre 13.3%, crude ash 5.9%.

Minerals: Calcium 0.96%, phosphorous 0.15%, sodium 0.01%.

Size **Item no.**
250 g 309009
500 g 309030



Rosehip powder · Feeding recommendation: daily			
≤ 5 kg	15 kg	30 kg	≥ 40 kg
1 to 2 x 			

AceroDog C

Covers vitamin C requirements

Feed supplement for dogs

The acerola cherry has a particularly high vitamin C content, but liver also contains very high levels. Although dogs can produce their own vitamin C, this is often inadequate. This can cause damage to gums and teeth. Feed your dog AceroDog C in cases of damaged mucous membranes, metabolic problems or skin problems.

Composition

Acerola concentrate, liver powder (from pork)
Natural vitamin C content: 129,000mg/kg.

Analytical constituents: Crude protein 23.1%, fat content 4.3%, crude fibre 1%, crude ash 3.4%.

Minerals: Calcium 0.08%, phosphorous 0.33%, sodium 0.07%.

Size **Item no.**
100 g 312014



AceroDog C · Feeding recommendation: daily			
≤ 5 kg	15 kg	30 kg	≥ 40 kg
			2 x 

Bio-Koriander-Propolis-Öl (organic coriander and propolis oil)

Helps with gum inflammation

Feed material for dogs

Combining coriander and rapeseed oil is an ancient Indian tradition. The seed contains 1 to 2% essential oils. Hohenlohe coriander is particularly rich in essential oil. Macerated in rapeseed oil from the Hunsrück region in Germany and rounded off with local propolis, this is a regional product with an outstanding effect.



Organic coriander and propolis oil Feeding recommendation			
≤ 5 kg	15 kg	30 kg	≥ 40 kg
2-3 x 5-10 	2-3 x 20 	2-3 x daily ½ teaspoon	3 x daily ½ teaspoon
Give with food or administer directly by pipette or oral syringe. Always shake the bottle well before use. Store in a cool, dark place.			

Composition

Rapeseed oil, coriander (5%), propolis (1%).

Size **Item no.**
50 ml 310023

Analytical constituents: Fat content 98%. 100 ml 310024

Kolloidales Silberwasser 50 ppm (colloidal silver water)

For bacteria and fungi

Feed supplement for dogs

Ancient knowledge about the germicidal effect of silver was long negated and ridiculed. Today, however, silver is incorporated into modern weaved fabrics and utensils as a matter of course due to its germ-inhibiting effect. In fact, it has recently been used in space travel as an alternative to antibiotics. For more information on colloidal silver water, please refer to the available literature and the internet. Store colloidal silver water in a cool, dark place away from electrical appliances, otherwise the silver ions will flocculate and settle as a grey deposit.



Drops **Spray**
Size **Item no.** **Size** **Item no.**
100 ml 500001 100 ml 500013
250 ml 500002

Myrrhe-Propolis-Spray und -drops (myrrh and propolis spray and drops)

For inflammation and fungal infections of the mucous membranes

Myrrh and propolis have been used with great success since biblical times, mainly because of their antibacterial and anti-fungal properties. Myrrh is traditionally used to care for the mucous membranes in case of inflammation and fungal infections.



Composition

Propolis (5%), myrrh (5%), ethanol (90%).

Recommendations for use

Thinly apply myrrh and propolis drops or spray on the affected skin.

Spray **Drops**
Size **Item no.** **Size** **Item no.**
100 ml 203011 50 ml 500007

The lungs and heart never rest, but work tirelessly in harmony!



The tissue of the lungs is divided into the respiratory bronchi and the alveoli. The inhaled air passes through the trachea into the two main bronchi, each of which leads into one of the two lungs from where they continue to branch out. The air is not only circulated throughout the bronchi; this is also where foreign bodies and pathogens collect, adhering to viscous mucous produced by the bronchial mucosa.

Gas exchange takes place in the heavily perfused mucous membranes of the alveoli: carbon dioxide from the blood is exhaled; oxygen from the air is absorbed into the bloodstream.

Inhaling essential oils can support lung function. Essential oils increase the ciliary beat frequency in the bronchial tubes, thus transporting dust and foreign bodies out of the bronchial region more quickly and improving gas exchange.

Mucous-forming and expectorant herbs ensure that more bronchial secretion can be produced. Mucous drains better or stubborn mucous can be coughed up more easily.



Aerob-Spray und -Öl (spray and oil)

For respiratory problems

Aerob oil contains a highly effective blend of 13 different, high-quality, purely natural essential oils for disinfection and to improve breathing.

Aerob spray contains the same oils as Aerob oil, but is prepared and diluted to enable fine spraying.

Composition

Pure essential oil blend. The spray is diluted with 50% volume alcohol.

Recommendations for use

Sprinkle a few drops in the immediate vicinity and around the edge of the sleeping area or spray where the animal lies or sleeps. Do not apply to or spray on furniture surfaces!

Aerob-Spray

Size	Item no.
100 ml	301006
250 ml	301005

Aerob-Öl (oil)

Size	Item no.
25 ml	301003
50 ml	301004



Note

Must not end up in children's hands. If swallowed, seek immediate medical attention. Show the packaging or label.

Lichmet

For freeing airways

Liquid feed supplement for dogs

Lichmet contains Icelandic moss that is traditionally used to loosen mucous. Mucilages, bitter substances and lichen acids from Icelandic moss, aided by apple cider vinegar and lime blossom honey, soothe irritated bronchial mucosa, allowing your dog to breathe freely again.

Composition

Concentrates of Icelandic moss, apple cider vinegar and lime blossom honey.

Analytical constituents: Crude protein 0.1%, fat content 0.5%, crude fibre 1%, moisture 96.3%.

Minerals: Calcium 0.02%, phosphorous 0.01%, sodium 0.71%.

Size	Item no.
100 ml	301001
250 ml	301002



Lichmet · Feeding recommendation: daily

≤ 5 kg	15 kg	30 kg	≥ 40 kg
2-3 x 1/2 teaspoon	2-3 x 1 teaspoon	2-3 x 2 teaspoons	2-3 x 1 tablespoon

Please store in a cold, dark place.

Weihrauch Kapseln (frankincense capsules)

Boswellia serrata

Soothes irritated mucous membranes and improves mobility

Feed material for dogs

Frankincense resin is a dried granular resin that was already in use in Ancient Egypt as an aromatic, disinfecting and anti-inflammatory agent. Frankincense helps with joint problems, allergic reactions and dust allergies. It soothes the mucous membranes in the stomach and intestine.

Composition

Capsules are cellulose. Each capsule contains 400 mg concentrate of frankincense (*Boswellia serrata*) with 85% boswellic acids.

Analytical constituents: Crude protein 21.5%, fat content 53.5%, crude fibre 1%, crude ash 2.8%.

Minerals: Calcium 0.01%, phosphorous 0.01%, sodium 0.93%.

Size	Item no.
50 capsules	304013
100 capsules	304014



Frankincense capsules · Feeding recommendation: daily

≤ 5 kg	15 kg	30 kg	≥ 40 kg
1/2	1 1/2	3	4

Bio-Expectorant (organic)

For mucous membranes and free airways

Feed supplement for dogs

Stubborn mucous is liquefied making it easier to cough up. The effects of the traditional cough herbs in the expectorant pressed juice complement each other perfectly and also have phyto-biotic properties.

Composition

Pressed juice of thyme (*Thymus vulgare*) cowslip and oxlip root (*Primula veris*, *P. eliator*), liquorice root (*Glycyrrhiza glabra*).



Analytical constituents:

Crude protein 0.5%, fat content 0.0%, crude ash 0.3%, moisture 98.5%.

Minerals: Calcium 0.33%, phosphorous 0.08%, sodium 0.06%.

Size	Item no.
50 ml	301007
100 ml	301008

Organic Expectorant · Feeding recommendation: daily

≤ 5 kg	15 kg	30 kg	≥ 40 kg
2-3 x 1/2 teaspoon	2-3 x 1 teaspoon	2-3 x 2 teaspoons	2-3 x 1 tablespoon

It is most effective when the juice is administered using an oral syringe. Always shake the bottle well before use. Please store in a cold, dark place.

Why is intestinal flora so important?

The intestinal mucosa is densely populated with more than 100 billion bacteria, which defend their habitat against unwanted germs. Certain yeasts, protozoans and worms keep them company, and all of them have their place in the gut, but the balance must be right. Without the intestinal flora, the body would be just as incapable of surviving as if it had no heart or liver. A large part of the immune process takes place in the intestine!

An unbalanced diet lacking vital substances or always the same complete food with a high starch content results in susceptible and unbalanced intestinal flora, frequently displaced by acidification, and unable to cope with infections or parasites. The complex and dynamic bacterial ecosystem of the intestine establishes itself within the first years of life. The colonisation density in the intestine is initially low and rises steadily with increasing age.

The term „flora“ is based on the earlier classification, which placed bacteria and many other micro-organisms in the plant kingdom. Since bacteria have a domain of their own in the scientific classification of living organisms (formerly prokaryotes), we speak today of an intestinal microbial community or intestinal microbiota. The intestinal flora is part of the microbiome of every multi-cellular organism.

Intestinal flora tasks

- Supplying vitamins, primarily B and K
- Aiding digestion of food components
- Immune modulation
- Supplying the intestinal epithelium with energy
- Stimulating intestinal peristalsis
- Producing short-chain fatty acids
- Producing enzymes
- Breaking down toxins in the gut

We consider the dog and its intestinal flora in its entirety. Well-supplied intestinal flora is reflected in the vitality, life energy and performance of your dog.



Digestiv

Soothes the stomach and intestine

Digestiv from PerNaturam optimises gastric function, aids digestion and has a prebiotic effect on balancing intestinal flora. It improves the secretion of digestive juices, is effective against bad breath and reduces nausea – also for dogs that get travel sick in cars.

Composition

Anise, caraway, fennel, ginger, short-chain pectin.

Analytical constituents: Crude protein 13.7%, fat content 14.7%, crude fibre 7%, crude ash 5.5%.

Minerals: Calcium 0.63%, phosphorous 0.37%, sodium 0.12%.

Size	Item no.
100 g	302005
250 g	302006
500 g	302007



2 g

Digestiv · Feeding recommendation: daily

≤ 5 kg	15 kg	30 kg	≥ 40 kg
	2 x	3 x	3 x
If necessary, give daily.			

Bio-Curcuma-Myrrhe-Öl (organic turmeric and myrrh oil)

For stabilising the intestine and supporting metabolism

Feed supplement for dogs

Turmeric extracts in rapeseed and sesame oil have a stabilising effect on the intestines and improve metabolism. The high antioxidant capacity reduces damage to joints and tissues caused by free radicals. Turmeric and myrrh oil protects the mucous membranes and black pepper improves the absorption of curcumin.

Composition

Rapeseed oil, sesame oil, turmeric (5%), myrrh (1%), black pepper.

Analytical constituents: Crude protein 0.3%, fat content 99%, crude fibre 1%, crude ash 0%.

Minerals: Calcium 0.01%, phosphorous 0.01%, sodium 0.01%.

Size	Item no.
50 ml	302026
100 ml	302027
250 ml	302028



Organic turmeric and myrrh oil · Feeding recommendation: daily

≤ 5 kg	15 kg	30 kg	≥ 40 kg
2-3 x 5-10	2-3 x 20	2-3 x daily 1/2 teaspoon	2-3 x daily 1/2 teaspoon
Give with food or administer directly by pipette or oral syringe. Always shake the bottle well before use. Please store in a cold, dark place. 20 = 1 ml			

Reine Bierhefe (pure brewer's yeast)

Supports intestinal flora, metabolism, skin and coat

Pure brewer's yeast from PerNaturam (with no spent grain!) primarily contains B-complex vitamins, minerals, trace elements and all essential amino acids. It is gently dried, wholesome and non-extracted. PerNaturam brewer's yeast stabilises the intestinal flora which has a positive effect on metabolism, motivation and fertility. The high content of natural B-complex vitamins also has a beneficial effect on the skin and coat. Furthermore, brewer's yeast is rich in phenylalanine, an amino acid needed to form melanins, the colour pigments. It is particularly important during pregnancy and for the puppies' nutrition.

Composition

100% pure brewer's yeast

Analytical constituents: Crude protein 43.3%, fat content 2.8%, crude fibre 1%, crude ash 6.1%.

Minerals: Calcium 0.51%, phosphorous 1.11%, sodium 0.02%.

Size	Item no.
500 g	313006
1 kg	313007



2.5 g

12g

Pure brewer's yeast · Feeding recommendation: daily

≤ 5 kg	15 kg	30 kg	≥ 40 kg
to	2 x	3 x	
Double the amount during pregnancy and lactation!			

Stomach – Intestines & Digestion

Bio-Löwenzahnsaft (organic dandelion juice)

Bitter substances for the intestine, liver, gall bladder and kidneys

Liquid feed material for dogs

Due to its gentle action on the digestive organs, dandelion is used to stimulate the liver, gall bladder, pancreas, spleen and kidneys. It is particularly rich in bitter substances. These have a cholagogic effect, stimulate the production of gastric and intestinal juices and keep unwanted germs at bay. The dandelion also contains a lot of potassium, which is indispensable for cardiac conduction, blood pressure and the acid-base balance.

Organic dandelion juice · Feeding recommendation: daily			
≤ 5 kg	15 kg	30 kg	≥ 40 kg
1 teaspoon	2 teaspoons	2 tablespoons	2 tablespoons
Once opened, keep refrigerated and use within 2 weeks.			



Size Item no.

100 ml 302025
250 ml 302018

Composition

100% pressed dandelion juice.

Analytical constituents: Crude protein 0.3%, fat content 0.1%, crude ash 0.58%, crude fibre 1%, moisture 97.5%.

Minerals: Calcium 0.04%, phosphorous 0.02%, sodium 0.01%.

Garon forte®

Stable intestinal flora, intestinal protection, solid faeces

Feed material for dogs

Garon forte® is made up of short-chain pectins that bind toxins, unwanted germs and excess fluid in the intestines, thus quickly counteracting diarrhoea. Garon forte® helps with digestive problems and stabilises intestinal flora.



Composition

100% short-chain galacturonic acids from apple pectin.

2 g

Garon forte® · Feeding recommendation: daily			
≤ 5 kg	15 kg	30 kg	≥ 40 kg
 to 	2 x 	3 x 	3 x 
It cannot be overdosed.			

Analytical constituents: Crude protein 1.1%, fat content 0.7%, crude fibre 1%, crude ash 2.7%, moisture 11.2%.

Minerals: Calcium 0.36%, phosphorous 0.03%, sodium 0.4%.

Size Item no.
100 g 302001
250 g 302002

Purificar

Cleanses the intestine and binds toxins

Mineral feed supplement for dogs

Purificar has an extraordinary absorption capacity, mainly due to the micro-activated zeolite (clinoptilolite). This allows toxins, heavy metals and other harmful substances to be bound during the digestive process and eliminated from the body.

The natural minerals calcium and magnesium and trace elements from zeolite combined with cumin support the beneficial flora in the intestinal tract and care for the intestinal mucosa.

Composition

Zeolite with high content of natural clinoptilolite, dolomite and cumin.



Instructions for use

Please observe our feeding recommendation!

Analytical constituents:

Crude protein 0.3%, fat content 0.4%, crude fibre 1.7%, crude ash 95.6%.

Minerals: Calcium 3.81%, phosphorous 0.01%, sodium 0.33%, magnesium 0.21%.

Size Item no.

100 g 307004
250 g 307005

1.5 g

10 g

Purificar · Feeding recommendation: daily			
≤ 5 kg	15 kg	30 kg	≥ 40 kg
	2 x 		
We recommend adding PerNaturam Purificar pre-soaked to food.			

KoProStop

For the intestine – to stop faeces eating

Feed supplement for dogs

KoProStop compensates for nutritional deficits that can lead to faeces eating. Food-related deficits and disturbed intestinal colonisation, also due to antibiotics and other medicines, often lead to faeces eating. Dogs mainly lack B-complex vitamins, vitamin K1 and enzymes. Although the faecal matter in the rectum contains these substances, the body is not able to absorb them from there in sufficient amounts. KoProStop supplies the body with these essential substances. Peat concentrate (dry peat) binds the toxins in the intestine and helps to regulate the intestinal flora.

KoProStop · Feeding recommendation			
≤ 5 kg	15 kg	30 kg	≥ 40 kg
2 x 	2 x 	2 x 	2 x 
If required, KoProStop can be added to food every morning and evening.			



Size Item no.

100 g 302022
250 g 302023

2 g

Composition

Dry peat, spirulina, micronised seaweed, lapacho bark, papaya concentrates, haemoglobin.

Analytical constituents: Crude protein 35%, fat content 2.9%, crude fibre 17.3%, crude ash 12.5%.

Minerals: Calcium 0.9%, phosphorous 0.29%, sodium 1.73%.

Nutritional additives per kg: Vitamin B1 (thiamine hydrochloride) 0.1 g, vitamin B6 (pyridoxine hydrochloride) 0.1 g, vitamin B12 (cyanocobalamin) 0.01 g.

Enterogan

Strengthens beneficial intestinal flora

Feed supplement for dogs

Enterogan strengthens protective intestinal flora and inhibits the growth of unwanted germs and protozoa (e.g. coccidia) in the digestive tract. Enterogan from PerNaturam helps reduce the effects of poisoning and diarrhoea. It also helps to expel intestinal parasites and worms.

Composition

Guar gum, dandelion root, concentrates of olive leaves, oregano, sage and thyme.

Analytical constituents: Crude protein 8.5%, fat content 2.3%, crude fibre 8%, crude ash 8.5%.

1.5 g

Minerals: Calcium 0.84%, phosphorous 0.13%, sodium 0.05%.

Size Item no.

100 g 302003
250 g 302004



Enterogan · Feeding recommendation: daily

≤ 5 kg	15 kg	30 kg	≥ 40 kg
	2 x 	3 x 	4 x 

Dezidum® Dog

For regulating the acid-base balance, revitalisation and elimination

Feed supplement for dogs

The acid-base balance of many dogs is disrupted by incorrect feeding, making their whole systems over-acidic. This leads to metabolic disorders, dysfunctional organs and inadequate microcirculation. The body needs sodium bicarbonate, potassium, magnesium and zinc to dissolve the acid deposits in the connective tissue and ensure the deacidification of the cells. Dezidum® Dog base powder supplies these substances. In case of skin problems, especially fungal infections, it can be mixed with water and used for washing and baths. The pH value should be greater than 9.



Size Item no.
300 g 302024

Composition

Sodium bicarbonate, tricalcium citrate, magnesium L-aspartate, anise.

Analytical constituents: Crude protein 3.4%, fat content 0.5%, crude fibre 1%, crude ash 60.5%.

Minerals: Calcium 0.03%, Sodium 21.5%, potassium 2.26%, magnesium 0.5%.

Nutritional additives per kg: Zinc chelate of glycine hydrate 15 g.

5 g

Dezidum® Dog · Feeding recommendation: daily

≤ 5 kg	15 kg	30 kg	≥ 40 kg
		2 x 	3 x 

Due to the higher content of minerals and trace elements compared to complete foods, PerNaturam base powder must not make up more than 1% of the total daily food intake. For baths or washes, add one scoop per 1 litre of water.

The intestine as a perfect habitat

Endoparasites are parasites that live inside the body of their host. A distinction is made between blood, tissue and intestinal parasites. A certain range of parasites are passed onto puppies by the mother strategically in the mother's milk – to train the puppies' immune system.

We may well ask ourselves why nature made it this way. Indeed, it should give us food for thought that in developing countries with low hygiene standards and high parasite loads, diseases such as neurodermatitis, asthma and allergies are virtually unknown. Allergists are now using pig whip worms to treat humans suffering from chronic inflammatory bowel diseases and food allergies.

No, we are not proposing to place intestinal parasites under preservation order. Nevertheless, worming treatments should not be used indiscriminately. They put a strain on both the liver and intestinal flora. If we really have to fight parasites, we should do so as rarely as possible and make use of natural means to stabilise the intestinal environment and strengthen the immune system's response to parasites.



VermExil®

For a stable intestinal environment hostile to worms

Feed supplement for dogs

Fibre-rich herbal mixture for stabilising the intestinal environment, thus inhibiting parasites during development and making them easier to excrete without attacking the intestinal mucosa.

Composition

Mugwort, rosehip seeds, desiccated coconut, pineapple weed, guar gum, concentrates of oregano and thyme.

VermExil® · Feeding recommendation			
≤ 5 kg	15 kg	30 kg	≥ 40 kg
	2-3 x 	3-4 x 	4-5 x 
Feed on 3 consecutive days and repeat 1 week later. Offer VermExil® with a small amount of your dog's favourite food.			

Size	Item no.
100 g	302014
250 g	302015



Analytical constituents: Crude protein 8.3%, fat content 21.4%, crude fibre 25.2%, crude ash 4.5%.

Minerals: Calcium 0.49%, phosphorous 0.2%, sodium 0%.

Knoblauchgranulat (garlic granules)

For a stable intestinal environment, blood-thinning and repelling insects

Feed material for dogs

Hardly any other plant has a greater disinfecting and detoxifying effect than garlic. It promotes blood circulation and protects against oxidative stress. Above all, garlic promotes blood circulation in the body's peripheries and changes the taste of blood, thus helping to repel insects.

Composition

100% garlic, gently dried and granulated.

Garlic granules · Feeding recommendation: daily			
≤ 5 kg	15 kg	30 kg	≥ 40 kg
	2 x 	4 x 	6 x 



Analytical constituents:

Crude protein 16.7%, fat content 0.9%, crude fibre 3.1%, crude ash 3.4%.

Minerals: Calcium 0.06%, phosphorous 0.38%, sodium 0.05%.

Size	Item no.
1 kg	309013

2 g

Artemis

For stabilising the immune system during infections caused by single-cell organisms such as *Borrelia*, *Leishmania*, *Babesia*, *Ehrlichia*

Feed supplement for dogs

Annual sweet wormwood and teasel root – a mixture to support the immune system in infections caused by *Borrelia* and single-cell organisms.

Increasingly more dogs suffer from Lyme disease or diseases caused by single-cell organisms in the body, such as *Leishmania*, *Babesia*, *Ehrlichia*.

Composition

Concentrate of *Artemisia annua* and *Dipsacus fullonum*, 30% alcohol content.

Analytical constituents: Crude protein 0.7%, fat content 0.5%, crude ash 0.53%, crude fibre 1%, moisture 93%.

Size	Item no.
100 ml	302019



Artemis · Feeding recommendation: daily

≤ 5 kg	15 kg	30 kg	≥ 40 kg
40 x 	1 teaspoon	1 1/2 teaspoons	1/2 tablespoon
Add to the feed for 3 to 4 weeks or as required. 20 drops = 1 ml.			



Giardiasis – what exactly is it?

What can we do about it?

What you need to know about *Giardia*

- Many dogs, as well as other animals, are carriers of *Giardia* (trophozoites) without falling ill. Quite a few develop immunity so that the pathogens are partially or completely eliminated and reinfection does not occur. The frequency of the disease decreases with age.
- “Giardiasis stools are usually very fatty and slimy, but characteristically without blood, which makes it easy to distinguish giardiasis from amoebiasis. Typical symptoms are severe intestinal pain, cramps, nausea, discomfort, loss of appetite, mild fever, chills and often severe weight loss. The blood count and blood chemistry are usually quite normal in cases of giardiasis; eosinophilia is rare. In serious cases, the body is unable to absorb fat, glucose, lactose, xylose, folic acid and vitamin B 12.” (Ortega & Adam 1997)
- *Giardia* have a very primitive metabolism. They do not obtain their energy aerobically, i.e. by using oxygen, but by anaerobic fermentation. Their need for starch and sugar is therefore about 16 times greater than that of animals living aerobically.
- Giving dogs starchy food is beneficial for *Giardia* (this includes all dry food given repeatedly).

Our recommendation

COMPLETELY avoid carbohydrates, i.e. do not feed dry food and do not add starchy foods such as rice, corn, noodles or potatoes (also no amaranth or the like).

- For one day, feed only sheep’s cheese, genuine feta, preferably mixed with 30 Kräuter-

garten herbs (page 7). Or use Herbes de Provence – 2 to 3 teaspoons per dog! It is essential to use real feta, not goat’s cheese or feta made from cow’s milk!

- From the second day onwards, give Usniotica drops (page 35) three times a day. Depending on the weight of your dog, give 3 x 5 drops up to 3 x 1 full teaspoon.
- It often makes sense to combine this with Enterogan (page 35) or to alternate daily. Depending on the weight of your dog, give a small amount up to 5 g (2 small scoops) a day.
- From the second day onwards, feed your dog: meat or tins of pure meat (see Primary Care category) with Komplement®, 30 Kräutergarten and Bauerngarten herbal mixtures. Do NOT feed starch. Pay attention to this in treats!
- Stop acute diarrhoea with Garon forte®.

After about 10 days, the problem will be under control! If your dog is very weak, you should help rebuild its strength with Regenerat for the immune system (page 49).

If antibiotics have already been used, the intestinal flora takes a little longer to regenerate – we are happy to help the dogs with KoProStop (page 31). Combined with the sheep’s cheese, we can restore the intestinal flora. It is astonishing that we are not aware of a single case where this method has not worked. We have also rarely ever had any reports of relapses.



Sage
(*Salvia officinalis*)

Please find more information and sources of information at www.pernaturam.de

> Dogs > Facts & Tips > *Giardia*

Bio-Löwenzahnsaft (organic dandelion juice)

For strengthening the intestinal environment against unwanted germs



Liquid feed material for dogs

Due to its gentle action on the digestive organs, dandelion is used for the liver, gall bladder, spleen, pancreas, and kidneys as well as to regulate intestinal flora. It is particularly rich in bitter substances. The special bitter substances have a cholagogic effect and stimulate the production of gastric and intestinal juices. These bitter substances strengthen the beneficial intestinal flora in the immune defence and inhibit the growth of unwanted germs. Dandelion is rich in potassium, which is indispensable for cardiac conduction, blood pressure and for regulating the acid-base balance.

Composition

100% pressed dandelion juice.

Analytical constituents: Crude protein 0.3%, fat content 0.1%, crude ash 0.58%, crude fibre 1%, moisture 97.5%.

Minerals: Calcium 0.04%, phosphorous 0.02%, sodium 0.01%.



Size	Item no.
100 ml	302025
250 ml	302018

Organic dandelion juice · Feeding recommendation: daily			
≤ 5 kg	15 kg	30 kg	≥ 40 kg
1 teaspoon	2 teaspoons	2 tablespoons	2 tablespoons

Once opened, keep refrigerated and use within 2 weeks.

Enterogan Strengthens beneficial intestinal flora

Feed supplement for dogs

Enterogan strengthens protective intestinal flora and inhibits the growth of unwanted germs and protozoa (e.g. coccidia) in the digestive tract. Enterogan from PerNaturam helps reduce the effects of poisoning and diarrhoea. It also helps expel intestinal parasites and worms.

Composition

Guar gum, dandelion root, concentrates of olive leaves, oregano, sage and thyme.

Analytical constituents: Crude protein 8.5%, fat content 2.3%, crude fibre 8%, crude ash 8.5%.

Minerals: Calcium 0.84%, phosphorous 0.13%, sodium 0.05%.

1.5 g

Enterogan · Feeding recommendation: daily			
≤ 5 kg	15 kg	30 kg	≥ 40 kg
	2 x	3 x	4 x

Usniotica

For regulating intestinal flora, especially in cases of *Giardia*

Feed supplement for dogs

For imbalanced intestinal flora – particularly for imbalances in bacteria and single-cell organisms (e.g. *Giardia*). In young dogs in particular, the intestinal flora is frequently disturbed which allows *Giardia* to proliferate rapidly. Usniotica helps the intestine to restore the balance of the intestinal flora.

Composition

Neutral oil, concentrates of beard lichen and marigold.

Analytical constituents: Crude protein 0.1%, fat content 50.1%, crude ash 0.1%, crude fibre 1%.

Minerals: Calcium 0.002%, phosphorous 0.01%, sodium 0.001%.



Size	Item no.
50 ml	302016
100 ml	302017

Usniotica · Feeding recommendation			
≤ 5 kg	15 kg	30 kg	≥ 40 kg
2-3 x daily 10-15	3 x daily 20	3 x daily 1/2 teaspoon	3 x daily 1 teaspoon

20 drops = 1 ml

Size	Item no.
100 g	302003
250 g	302004



The pancreas plays a central role in metabolism!

The pancreas is an important digestive organ. It releases digestive enzymes into the intestine and simultaneously produces hormones that primarily regulate the blood sugar level.

Amylase, lipase and protease enzymes break down proteins, carbohydrates and fats in the intestine so that they can be absorbed by the intestinal mucosa. The pancreatic islets supply insulin and glucagon to the blood and regulate the blood sugar level.

In dogs, the pancreas is often overtaxed by an imbalanced, carbohydrate-rich diet. Bitter substances stimulate all the digestive organs and help the pancreas to perform its functions. Bitter haronga bark (*Harungana madagascariensis*), which we use in Pankrema, has proved particularly effective.

Dogs with pancreatic problems are often fed a low-fat diet; energy is then supplied by digested carbohydrates. Even if amylases were not necessary to split the starch, the question still remains: How to deal with the sugar? After all, the insulin produced by the pancreas would have to increase at the same rate. In the case of a weakened pancreas, carbohydrates are the wrong source of food and should be avoided.

Fat digestion can be improved by supporting the gall bladder. Our Lecithin mit Kieselerde (lecithin with silica) is particularly suited to this job. Lecithin emulsifies the absorbed fats together with bile. This relieves the pancreas, which then has to produce fewer lipases. Completely doing away with fats, especially unsaturated fats, damages the system! In order to pre-digest the food when the pancreas is weakened, we recommend administering pancreatic enzymes, such as those that we use in Pankreatin P.



Bio-Löwenzahnsaft (organic dandelion juice)

For stimulation of the pancreas

Liquid feed material for dogs

Due to its gentle action on the digestive organs, dandelion is primarily used for the liver, gall bladder, spleen, pancreas and kidneys. Bitter substances, trace elements and vitamins stimulate the entire digestive system. The active ingredients support the pancreas and help regulate blood sugar levels. The special bitter substances and the potassium they contain ensure a stable acid-base balance.

Composition

100% pressed dandelion juice.

Analytical constituents: Crude protein 0.3%, fat content 0.1%, crude ash 0.58%, crude fibre 1%, moisture 97.5%.

Minerals: Calcium 0.04%, phosphorous 0.02%, sodium 0.01%.



Size **Item no.**
100 ml 302025
250 ml 302018

Lecithin mit Kieselerde (lecithin with silica)

Aids fat digestion

Feed supplement for dogs



Detailed information can be found on page 17.

Bio-Curcuma-Myrrhe-Öl (organic turmeric and myrrh oil)

For stabilising the intestine and supporting metabolism

Feed supplement for dogs



Detailed information can be found on page 29.

Pankrema

Strengthens the pancreas and liver

Feed supplement for dogs

Pankrema from PerNaturam particularly supports the pancreas and liver functions. Disorders can often be recognised by excrement that is too soft, slimy and greasy and frequent vomiting. This special herbal mixture stimulates the secretion from the digestive glands and improves fat digestion and nutrient absorption.

Composition

Turmeric, bitter herb mixture, spirulina, condurango bark, rice germ, milk thistle concentrate.



1.5 g

Analytical constituents: Crude protein 19.3%, fat content 3.9%, crude fibre 8.3%, crude ash 10.5%.

Minerals: Calcium 0.62%, phosphorous 0.47%, sodium 0.23%.

Pankrema · Feeding recommendation

≤ 5 kg	15 kg	30 kg	≥ 40 kg
	2 x	3 x	4 x

Give Pankrema daily for 14 days, then discontinue for one week; give again for 14 days, followed by twice a week.

Size **Item no.**
100 g 302010
250 g 302011
500 g 302012

Pankreatin P

For support of the pancreas

Feed supplement for dogs

PerNaturam Pankreatin P contains 90% pure pork pancreatin with active pancreatic enzymes, primarily, amylase, lipase and protease. Pankreatin P is mixed with prepared food; the pancreatic enzymes start digesting the food immediately. The ground Indian psyllium husks protect the irritated intestinal mucosa with their mucilages.

It is recommended that dogs with metabolic problems and inflammation of the pancreas are fed PerNaturam Pankreatin P for a period of eight to twelve weeks as a course of treatment.

Composition

90% pork pancreatin, psyllium husks.

1.5 g



Size **Item no.**
100 g 307006
250 g 307007

Analytical constituents: Protein 44.8%, fat content 1.7%, crude fibre 2.3%, crude ash 3.5%.

Minerals: Calcium 0.11%, phosphorous 0.69%, sodium 0.52%.

Pankreatin P · Feeding recommendation: daily

≤ 5 kg	15 kg	30 kg	≥ 40 kg
	2 x	3 x	4 x

The total daily dosage should be distributed across the meals.

The liver is tough!

The liver is the central organ of the entire metabolism. Its tasks are manifold: It is responsible for processing food components, producing vital proteins, storing glycogen and vitamins; it is also responsible for bile production and ensures that metabolic products and foreign substances such as drugs and toxins can be broken down and excreted.

Fat-soluble substances enter the intestines with bile; water-soluble substances are filtered out of the blood in the kidneys.

The liver works tirelessly in the background. Excessive demands on the liver can manifest in blemished scaly skin, yellow or reddish eyes (eyeballs), pale mucous membranes and a persistent cough. If the liver as an excretory organ is overtaxed, the body looks for emergency solutions to eliminate harmful substances. These “emergency exits” may be the skin, the bronchial mucous membranes or the paws. Regular liver support is recommended especially for older dogs and dogs with recurring metabolic problems. We recommend detoxification twice a year, ideally during or after a change in coat.



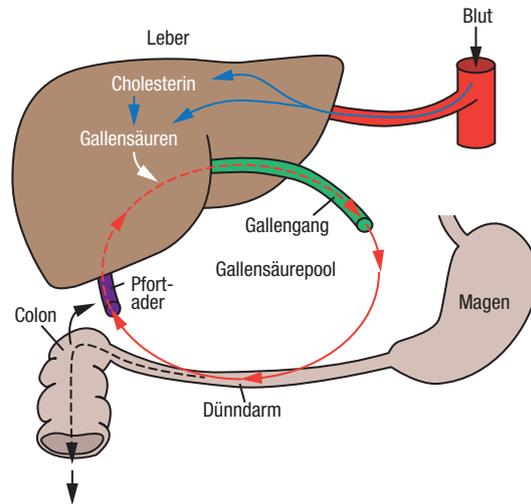
Enterohepatic Circulation

Liver-intestine-circulation – benefits and risks



Read more about this topic in the detailed article by Dr. Frauke Garbers on the www.artgerecht-tier.de website under the keywords 'enterohepatic circulation'. Blood circulates in three interconnected circulatory systems in the body. One of them is the portal circulation, which conveys blood with all its ingredients through the liver. It has a particularly special function. This is beautifully illustrated in the diagram. A large vein, the portal vein (*Vena portae*), collects the blood from the stomach, intestines, pancreas and spleen and delivers it to the liver. This portal vein blood is low in oxygen and rich in nutrients after food intake. An artery, the hepatic artery (*Aorta hepatica*), transports oxygen-rich blood into the liver, where it mixes with the venous blood and enables the metabolism of the liver cells. (In the diagram, the two blood supplies are shown as one inlet at the top right.) Waste products are made water- or fat-soluble in the liver and excreted via bile and the intestine and kidneys.

Chemicals ingested with food (medicines, pesticides, preservatives and other toxins) also pass through the liver where they are chemically altered. This removes harmful substances from the blood.



The diagram illustrates the multiple circulation of certain endogenous substances (e.g. bile acids, vitamin B 12) as well as foreign substances (drugs, toxins, etc.) between the intestine, liver and gall bladder.

© Image from www.spektrum.de/lexikon/ernaehrung/enterohepatischer-kreislauf/2539

Hepatika

Supports the liver and improves elimination

Feed supplement for dogs

Skin problems, itching, dandruff, diminishing performance and noticeable fatigue can be signs of disturbed liver function. Milk thistle concentrate (silymarin) improves liver function; spirulina and chlorella microalgae help with elimination, improve blood formation and supply magnesium.

Composition

Spirulina, milk thistle concentrate, dandelion root, artichoke, chlorella.

Analytical constituents: Crude protein 33.9%, fat content 5.5%, crude fibre 2.7%, crude ash 6.8%.

Minerals: Calcium 0.5%, phosphorous 0.58%, sodium 0.41%.

Size	Item no.
100 g	302008
250 g	302009



Natural silymarin content 30%



Hepatika · Feeding recommendation			
≤ 5 kg	15 kg	30 kg	≥ 40 kg
Give Hepatika for 3 days as a detox treatment, then PerNaturam kidney herbs and Spirella for 3 days. Repeat this 5 or 6 times.			

Deacidification and elimination

We have already taken a look at the different excretory organs and their significance.

To sum up: everything that enters the body, has to leave it again. Some substances leave the body very quickly, others remain for a long time and are incorporated; in any case, they are eventually replaced. In other words, the process is always the same: what goes in, must come out again.

The body has its ways and means to complete this cleansing process very efficiently. First and foremost is the liver, whose tasks include decomposing substances to make them non-toxic, before returning them to the body's circulation system. The liver and kidneys cannot perform their tasks properly if the metabolism is compromised and the body is overly acidic.

Usually – and with a balanced diet – a healthy body has a good acid-base balance. However, conditions are not always beneficial. Most animals are overly acidic due to their diets and various medicines. How can we tell? It

makes little sense to measure the pH value in the blood, because this pH value always fluctuates around 7.4 and only deviates by about one hundredth. Deviations beyond this are lifethreatening and even fatal.

Consequently, the body does everything it can to maintain this relative balance (pH 7.4) in its blood flow. Since in the vast majority of cases there is an excess of acids, the body stores them in connective tissue, tendons and ligaments, but also – particularly fatally – in intercellular fluid or temporarily until later elimination.

The body has an enormous buffer capacity for maintaining the pH value in the blood during the absorption of acids as otherwise the pH value would have to drop rapidly with every meal containing acidic components – this would lead to immediate death.

Alkalis neutralise metabolic acids, stimulating and ensuring the functions of basophilic organs such as the salivary glands, pancreas, liver, Brunner's glands and the duodenum.



Dezidum® Dog

For regulating the acid-base balance, revitalisation and elimination

Feed supplement for dogs

The acid-base balance of many dogs is disrupted by incorrect feeding, making their whole systems over-acidic. This leads to metabolic disorders, dysfunctional organs and inadequate microcirculation. The body needs sodium bicarbonate, potassium, magnesium and zinc to dissolve the acid deposits in the connective tissue and ensure the deacidification of

the cells. Dezidum® Dog base powder supplies these substances. In case of skin problems, especially fungal infections, it can be mixed with water and used for washing and baths. The pH value should be greater than 9.

Dezidum® Dog · Feeding recommendation: daily			
≤ 5 kg	15 kg	30 kg	≥ 40 kg
		2 x 	3 x 
Due to the higher content of minerals and trace elements compared to complete foods, PerNaturam base powder must not make up more than 1% of the total daily food intake. For baths or washes, add one scoop per 1 litre of water.			



Composition

Sodium bicarbonate, tricalcium citrate, magnesium L-aspartate, anise.

Analytical constituents: Crude protein 3.4%, fat content 0.5%, crude fibre 1%, crude ash 60.5%.

Minerals: Calcium 0.03%, Sodium 21.5%, potassium 2.26%, magnesium 0.5%.

Nutritional additives per kg: Zinc chelate of glycine hydrate 15 g.

Size
300 g

Item no.
302024

 5 g

Hepatika

Supports the liver and improves elimination

Feed supplement for dogs

Skin problems, itching, dandruff, diminishing performance and noticeable fatigue can be signs of disturbed liver function. Milk thistle concentrate (silymarin) improves liver function; spirulina and chlorella microalgae help with elimination, improve blood formation and supply magnesium.

Composition

Spirulina, milk thistle concentrate, dandelion root, artichoke, chlorella.

Hepatika · Feeding recommendation			
≤ 5 kg	15 kg	30 kg	≥ 40 kg
			
Give Hepatika for 3 days as a detox treatment, then PerNaturam kidney herbs and Spirella for 3 days. Repeat this 5 or 6 times.			



Natural silymarin
content 30%

Size
100 g
250 g

Item no.
302008
302009

 2 g

Analytical constituents: Crude protein 33.9%, fat content 5.5%, crude fibre 2.7%, crude ash 6.8%.

Minerals: Calcium 0.5%, phosphorous 0.58%, sodium 0.41%.

Nieren-Kräuter (kidney herbs)

Support kidney function and improve and aid elimination

Feed supplement for dogs

PerNaturam kidney herbs increase the amount of urine produced and flush the kidneys and bladder. These special herbs work really well in conjunction with PerNaturam's Bauerngarten Grün (farmer's garden, green) herbs and can also be given longer term.

 7.5 g

Kidney herbs · Feeding recommendation			
≤ 5 kg	15 kg	30 kg	≥ 40 kg
		2 x 	3 x 
Give for 3 days, stop for 3 days and repeat this several times.			

Size
250 g

Item no.
302013

Composition

Orthosiphon, horsetail and couch grass roots, ground.

Analytical constituents: Crude protein 9.3%, fat content 1.8%, crude fibre 15.5%, crude ash 27.6%.

Minerals: Calcium 2.01%, phosphorous 0.17%, sodium 0.04%.



Elimination

Spirella

Improves metabolism and revitalises

Feed supplement for dogs

Microalgae mixture of spirulina and chlorella: These chlorophyll-rich algae have a high iron, magnesium and amino acid content. Rich in vitamin B-complex, beta-carotene and vitamin C, the Spirella microalgae mixture helps during recuperation and detoxification, improves blood formation and has a positive effect on pigmentation.

Spirella · Feeding recommendation: daily			
≤ 5 kg	15 kg	30 kg	≥ 40 kg
	2 x 	3 x 	4 x 
For detoxification, double the dose of Spirella for ten to fourteen days.			



Size 200 g
Item no. 313012

Composition

Spirulina and chlorella.

Analytical constituents: Crude protein 66.2%, fat content 7.2%, crude fibre 3.1%, crude ash 6.7%.

Minerals: Calcium 0.13%, phosphorous 1.1%, sodium 0.68%.

Kaldera Spirulina (caldera spirulina)

Revitalises and supports metabolism – a very special treat

Feed material for dogs

This high-quality spirulina grows in Burma's pristine, clean crater lakes. It is dried directly on the banks. The high content of chlorophyll, amino acids and minerals ensures that your dog is amazingly revitalised, making its coat glossier with more intense pigmentation. In addition, caldera spirulina nourishes the intestinal flora, has a detoxifying effect and supports the immune system. It is also a popular treat – dogs love it.

Composition

100% sun-dried spirulina flakes.

Analytical constituents:

Crude protein 53.9%, fat content 4.2%, crude fibre 1%, crude ash 5.4%.

Minerals: Calcium 0.08%, phosphorous 0.73%, sodium 0.58%.

Size 100 g
250 g
600 g
Item no. 311017
311018
311019



Caldera spirulina · Feeding recommendation			
≤ 5 kg	15 kg	30 kg	≥ 40 kg
1/2 teaspoon	1 teaspoon	2 teaspoons	3 teaspoons
Give PerNaturam caldera spirulina as a feed supplement or a treat.			

Algentrio

Elimination, blood formation, odour neutralisation

Feed supplement for dogs

This product is used for elimination, blood formation and the neutralisation of odours associated with female dogs in season.

Spirulina and chlorella are chlorophyll-rich algae with a high iron, magnesium and amino acid content. Lithothamnion is rich in minerals, particularly available calcium.

The microalgae spirulina and chlorella support the elimination process. Their high chlorophyll content improves blood formation. The easily digestible chlorophyll in the microalgae is also a great remedy for mouth and body odour, which usually disappears after just a few days. The typical smell associated with female dogs in season is reduced, thereby keeping males at bay. Microalgae are also powerful antioxidants used to protect the body from inflammation.

Composition

Spirulina, chlorella, lithothamnion, maltodextrin, magnesium stearate.



Size 150 tablets
300 tablets
Item no. 302020
302021

Algentrio · Feeding recommendation: daily			
≤ 5 kg	15 kg	30 kg	≥ 40 kg
	2-3 	4-5 	6 
Double the amount during pregnancy and rearing!			

Analytical constituents: Crude protein 40.3%, fat content 6.6%, crude fibre 3.2%, crude ash 18.4%.

Minerals: Calcium 5.46%, phosphorous 0.69%, sodium 0.86%.

Purificar

Cleanses the intestine and binds toxins

Mineral feed supplement for dogs

Purificar has an extraordinary absorption capacity, mainly due to the micro-activated zeolite (clinoptilolite). This allows toxins, heavy metals and other harmful substances to be bound during the digestive process and transported out of the body. The natural minerals calcium and magnesium and trace elements from zeolite combined with cumin support the beneficial flora in the intestinal tract and care for the intestinal mucosa.

Purificar · Feeding recommendation: daily

≤ 5 kg	15 kg	30 kg	≥ 40 kg
	2 x 		
We recommend adding PerNaturam Purificar pre-soaked to the food.			

Composition

Zeolite with a high content of natural clinoptilolite, dolomite, cumin.

Instructions for use

Please observe our feeding recommendation!

Analytical constituents:

Crude protein 0.3%, fat content 0.4%, crude fibre 1.3%, crude ash 95.6%.

Minerals: Calcium 3.81%, phosphorous 0.01%, sodium 0.33%, magnesium 0.21%.



Size	Item no.
100 g	307004
250 g	307005



Ausleitungspaket (detoxification pack)

100 g Hepatika, 250 g Nieren-Kräuter (kidney herbs), 200 g Spirella and 250 g Purificar

Please refer to the individual items for detailed product descriptions.

All products are available individually.

Packs are only offered to final consumers.

Size	Item no.
Paket	350040

You save €6.90 compared to individual purchases!

Detoxification treatment for dogs

Treatment lasts 42 days



You will need:

PerNaturam Hepatika, Spirella microalgae mixture, Purificar and Nieren-Kräuter (kidney herbs).

As an alternative to Spirella you can also use PerNaturam's algae tablets or caldera spirulina. Hepatika contains 30% of the active ingredient complex silymarin from milk thistle husks. This is the most effective substance for the liver, both in terms of stimulating its activity and regenerating liver cells. The microalgae and Purificar have the ability to bind toxins, especially in the intestines, which could otherwise be reabsorbed via the enterohepatic circulation (see page 39). These toxins are bound by the algae and the zeolite contained in Purificar and excreted. Kidney herbs stimulate the activity of the kidneys and thus promote the elimination of water-soluble substances.

How to do it:

1. Give Hepatika for three days – 0.5 g (= 1/4 ml) per 5 kg weight. Dogs that are significantly heavier than 20 kg are given up to 3 full scoops, i.e. a maximum of 6 g. Hepatika is best given in the evening.
2. Then give Spirella and kidney herbs together for 3 days. Give a small scoop of Spirella for 10 kg of body weight. With heavier dogs, increase

to a maximum of 3 small scoops. It is best to make tea from the kidney herbs and pour it over the food instead of water or stock. If you would prefer to mix in the herbs, add a half to 2 large scoops full, depending on the weight of the dog. This whole process is repeated after 6 days. Repeat this 3 + 3-day feeding cycle seven times.

3. Purificar is given on all 42 days of the treatment. Give a small scoop for 10 kg of body weight. With heavier dogs, increase to a maximum of 3 small scoops.

During this 42-day course of treatment, the amount of Komplement®, 30 Kräutergarten and Bauerngarten herbs can each be reduced by a third. Please stay in contact with us during this detox treatment and share your observations with us!

Consultation by phone on:

+49 (0)6762 963 622 99

E-mail: beratung@pernaturam.de

When we test something “to within an inch of its life”, ... you can be sure that the product will get a thorough examination

What do the heart and kidney organs, which seem so different, actually have in common? After all, the kidney is the excretory organ for water-soluble substances, and the heart with blood circulation is the body's vital engine. Well, for the internal organs to do their job properly, they need good blood circulation. This applies to the liver and lungs as well as to the kidneys, where blood pressure is higher than in the rest of the body to enable the kidneys to perform their filtration function. In older animals with circulatory weakness, the kidneys are unable to perform at their full capacity. For this reason, circulatory regulators can also be effective in supporting kidneys in older dogs.

The most important functions of the kidneys are to regulate the water balance, excrete urinary substances and control blood pressure, electrolyte balance and thus the acid-base balance. Herbs, vegetables and fruits can be effectively used to help the kidneys function well.

And as for the heart, dogs have a special place in theirs that whilst not physical is undoubtedly there – it is that special place where the limitless and unconditional love for their owners abounds. All dog owners know one thing for sure: dogs are love on four paws.



Herz-Multikomplex (heart multi-complex)

For supporting heart functions

Feed supplement for dogs

PerNaturam Herz-Multikomplex contains important nutrients for supplying the heart muscle and improving heart function. It contains L-carnitine, including B-complex vitamins and folic acid, magnesium, sapucaia nut flour with natural selenium, antioxidants from grapeseed, rice germs, hawthorn and stabilized rice bran.

Heart multi-complex · Feeding recommendation:			
≤ 5 kg	15 kg	30 kg	≥ 40 kg
	3 x 	5 x 	6 x 



Size	Item no.
100 g	314001
250 g	314002



2.5 g

Composition

Rice bran, grapeseed extract, magnesium L-aspartate, calcium citrate, brewer's yeast, hawthorn and sapucaia nut flour, haemoglobin.

Analytical constituents: Crude protein 20.7%, fat content 10.4%, crude fibre 16.7%, crude ash 7.6%.

Minerals: Calcium 0.7%, phosphorous 1.07%, sodium 0.03%.
Nutritional additives per kg: 0.1 g folic acid, 2.5 g L-carnitine.

Komplement® L-M

For acidification of urine in case of struvite stones

Feed supplement for dogs

Komplement® L-M optimises basic care, especially for nutrition-related problems of the kidneys and bladder. An unbalanced diet or metabolic problems can result in the pH value of the urine not being acidic enough, in turn causing struvite stones to form in the bladder. By supplementing food with Komplement® with L-methionine, a dietary deficit can be compensated and the pH value in the urine lowered. In addition, cranberry powder ensures that the kidneys and bladder are flushed out more effectively. Please check the urine's pH value regularly.

Composition

Sunflower lecithin (GMO-free), brewer's yeast (complete vitamin B complex), seaweed powder (minerals and trace elements), ground flower pollen (all amino acids), spirulina (chlorophyll, magnesium), grapeseed powder, cranberry powder, rosehip peel (supplier of vitamins C and K and beta-carotene) and cod liver oil (supplier of vitamin D, omega-3 and omega-6 fatty acids). All substances are of natural origin.



Size	Item no.
250 g	308009
500 g	308010
1 kg	308011

2 g

12.5 g

Analytical constituents:

Crude protein 22.1%, fat content 17.6%, crude fibre 5.7%, crude ash 15%.

Minerals: Calcium 0.76%, phosphorous 0.74%, sodium 0.59%.

Technological additives per kg: 120 g silica, precipitated/E551.

Nutritional additives per kg: 15 g L-methionine, 10 g taurine.

Komplement® L-M · Feeding recommendation: daily			
≤ 5 kg	15 kg	30 kg	≥ 40 kg
to 	2 x 	3 x 	

Lachs-Öl (salmon oil)

High proportion of omega-3 fatty acids

Feed material for dogs

PerNaturam salmon oil contains a high concentration of essential omega-3 fatty acids (24%). This is why it plays a part in daily care. It promotes cell formation and is particularly important for pregnant female dogs, growing puppies, elderly dogs and dogs prone to eczema. Omega-3 fatty acids also improve heart function.



Composition

100% salmon oil.

Size	Item no.
250 ml	310001
100 ml	314011
500 ml	310005

Analytical constituents:

Fat content 99.9%.

Salmon oil · Feeding recommendation			
≤ 5 kg	15 kg	30 kg	≥ 40 kg
1/2 teaspoon	1 teaspoon	1 tablespoon	2 tablespoons
Preferably alternate with other oils from PerNaturam. Once opened, keep refrigerated and use within 2 months!			

Bio-CrataeDog (organic)

For the heart and circulation

Feed supplement for dogs

This combination strengthens the heart muscles, regulates circulation, improves blood flow to the organs and stimulates the immune system. CrataeDog is for animals with high performance requirements and for older animals.

Composition

Juice from pressed hawthorn leaves and blossom, mistletoe and rosemary.

Analytical constituents: Crude protein 0.5%, fat content 0.0%, crude ash 0.3%, moisture 98.5%.

Minerals: Calcium 0.33%, phosphorous 0.08%, sodium 0.06%.



Size	Item no.
50 ml	314010
1 l	310010

Organic CrataeDog · Feeding recommendation: daily			
≤ 5 kg	15 kg	30 kg	≥ 40 kg
2-3 x daily 20 	2-3 x daily 1/2 teaspoon	2 x 1 teaspoon daily	2-3 x daily 1 1/2 teaspoon
Give with food or administer directly by pipette or oral syringe. Always shake the bottle well before use. Please store in a cold, dark place. 20 drops = 1 ml.			

Heart & Kidneys

Roter Pointer (red pointer) Strengthens the bladder and prostate

Feed supplement for dogs

The traditional herbs and selected herbal antioxidants in red pointer improve blood flow to the prostate gland and support bladder function. They ensure good elimination via the kidneys and better emptying of the bladder.

Composition

Sabal fruits, rosehip peel, concentrates of saw palmetto, nettle root and pumpkin seeds, cranberry powder, grapeseed, tomato concentrates.

Analytical constituents: Crude protein 7.6%, fat content 5.9%, crude fibre 12.7%, crude ash 4.4%. Natural lycopene content 3,750 mg per kg.

Minerals: Calcium 0.35%, phosphorous 0.16%, sodium 0.19%.



Size	Item no.
100 g	314006
250 g	314007

1.7 g

Red pointer · Feeding recommendation

≤ 5 kg	15 kg	30 kg	≥ 40 kg
2 x  daily	2 x  daily	2 x  daily	2 x  daily

Red pointer is added to food in the morning and evening – your dog needs to be able to empty its bladder in the evenings!

Urogenat Vital substances and herbs for irritated kidneys and bladder

Feed supplement for dogs

Cranberry, couch grass root and bearberry leaves are used to strengthen the kidneys and bladder, especially in case of irritation and incontinence. Increasingly more dogs suffer from problems in the urogenital system, from kidney and bladder stones and incontinence. All three ingredients in Urogenat are traditionally used for these problems, primarily to strengthen the mucous membranes and the body's own defences. Cranberries (*Vaccinium spec.*) contain anti-adhesive mucilage which prevents bacteria from adhering to the surfaces of the urinary tract. This allows the pathogens to be flushed out with the urine. Couch grass root (*Agropyron repens*) has a diuretic and blood cleansing effect. It is traditionally used for gout, rheumatic diseases and for chronic skin rashes. The leaves of the bearberry (*Arctostaphylos uva ursi*) contain arbutin and methylarbutin, which have an antibacterial effect on the kidneys.

Composition

Cranberry powder (no added sugar), couch grass, bearberry leaves.

Analytical constituents:

Crude protein 15%, fat content 3.8%, crude fibre 22.3%, crude ash 4.8%.

Minerals: Calcium 0.56%, phosphorous 0.36%, sodium 0.01%.



Size	Item no.
100 g	314004
250 g	314005

2 g

Urogenat · Feeding recommendation: daily

≤ 5 kg	15 kg	30 kg	≥ 40 kg
	2 x 	2 x 	3 x 

After 3 weeks, stop for a week. Never use during pregnancy and lactation

Nieren-Kräuter (kidney herbs) Support kidney functions and improve and aid elimination

Feed supplement for dogs

PerNaturam kidney herbs increase the amount of urine produced and flush the kidneys and bladder. These special herbs work really well in conjunction with PerNaturam Bauerngarten Grün (farmer's garden, green) herbs and can also be given longer term.

7.5 g



Kidney herbs · Feeding recommendation

≤ 5 kg	15 kg	30 kg	≥ 40 kg
		2 x 	3 x 

Give for 3 days, stop for 3 days and repeat this several times.

Composition

Orthosiphon, horsetail and couch grass roots, ground.

Analytical constituents: Crude protein 9.3%, fat content 1.8%, crude fibre 15.5%, crude ash 27.6%.

Minerals: Calcium 2.01%, phosphorous 0.17%, sodium 0.04%.

Size	Item no.
250 g	302013

Transformin Odour neutraliser

Ammonia and butyric acid develop where dog excrement is left lying and in areas frequently used for urination. This leads to unpleasant odours and considerable damage to garden lawns, i.e. yellow and brown patches where nothing is able to grow for a long time. Faeces and urine stains caused by uncleanliness and incontinence, etc., produce unpleasant odours, which are often difficult to remove from upholstered furniture, blankets, baskets or floors. Transformin is an excellent agent for cleaning these areas. All natural substances have what are known as decomposers, i.e. specialised bacteria that neutralise unpleasant-smelling organic compounds with the help of enzymes. Transformin contains one of these bacterial mixtures, which was specially developed for PerNaturam.



Application

Use Transformin diluted 1:10 to 1:15. We recommend using a spray bottle. Spray on spots where faeces have lain, but also directly on dog excrement and other areas used for defecation.

When washing covers, cushions and toys, etc., add three tablespoons to the wash cycle and wash at a maximum of 40 °C.

Size	Item no.
1 l	220001

The largest organ network in the body

Infectious germs only have a chance if the immune system fails. No medication can help in the long run, though, if the body's own immune system is unable to regain control. However, if the immune system and intestinal flora remain alert and active, pathogens hardly stand a chance of survival. Your dog's strongest ally in maintaining its health is therefore its own immune system.

Most germs and pathogens enter the body via the mucous membranes of the intestines and the respiratory tract. That's why the top priority is to protect mucous membranes and support the immune system!

A cow's colostrum, particularly in the first milk after birthing, has a high content of immunoglobulins, i.e. antibodies. These provide the most effective protection for mucous membranes and are the most powerful aid for the immune system.

Our Kolsal® products contain a high concentrate of these immunoglobulins.

Combine with antioxidant substances such as those in our Zellschutz Anti-Stress (anti-stress cell protection) and pay attention to providing a broad diet, as described in our primary care. This will help maintain stable intestinal flora.



Immune System

Kolsal®-Kolostrum-Extrakt (colostrum extract)

Activates immune defence

Feed material for dogs

Kolsal® colostrum extract from PerNaturam is the best product you can give for supporting the immune system. It contains antibodies (immunoglobulins) to protect against diseases, growth factors for cell formation, lactoferrin and transferrin, all amino acids and vitamins. It is used before and after operations and vaccinations and to increase strength and performance. Puppies that do not get enough mother's milk nearly always survive when given this product and go on to develop well. For this reason, it should always be added to puppy milk. It is made from the colostrum milk of cows reared in controlled organic conditions. Dairy cows produce more colostrum than the calves can drink. It is only this excess that is used.

Kolsal® colostrum extract · Feeding recommendation			
≤ 5 kg	15 kg	30 kg	≥ 40 kg
½ teaspoon	1 teaspoon	2 teaspoons	1 tablespoon
Add it to puppy milk several times a day straight after a puppy is born or give as a supplement to mother's milk. It cannot be overdosed. Once opened, use within 1 week. Always keep refrigerated or freeze in disposable syringes!			



Composition

Highly purified colostrum from the first milk of cows after the birth of a calf. No preservatives.

Analytical constituents: Crude protein 5.1%, fat content 0.1%, crude fibre 1%, crude ash 0.79%, moisture 90.1%.

Minerals:	Size	Item no.
Calcium 0.09%,	1 x 125 ml	312001
phosphorous 0.09%,	3 x 125 ml	350002
sodium 0.06%.	5 x 125 ml	350003

Kolsal® Herbal

For the immune system and blood formation

Feed supplement for dogs

Kolsal® Herbal combines the stimulating effect of Kolsal® colostrum on the immune system with valuable active herbal ingredients traditionally used to strengthen the immune system – Siberian ginseng, ginger, purple coneflower and ginkgo. Kolsal® Herbal is especially important for dogs that tend to have digestive problems during periods of stress, e.g. when having vaccinations or surgical procedures, and when great performance is required.

Composition

60% defatted colostrum and a herbal mixture of ginger, Siberian ginseng, purple coneflower and ginkgo.

Kolsal Herbal® · Feeding recommendation: daily			
≤ 5 kg	15 kg	30 kg	≥ 40 kg
to 	2 x 	3-4 x 	5 x 
It cannot be overdosed.			

Kolsal®-Vital-Kapseln (capsules)

For vitality and performance

Feed material for dogs

For performance dogs before and after competitions and shows, to support weaker dogs and to revitalise ageing dogs. Kolsal® Vital capsules contain freeze-dried Kolsal® colostrum extract. This particularly gentle freeze-drying process preserves all the valuable ingredients.

Kolsal® Vital capsules · Feeding recommendation: daily			
≤ 5 kg	15 kg	30 kg	≥ 40 kg
1 	2 	3 	4 

Composition

100% freeze-dried colostrum extract with all amino acids, immunoglobulins (antibodies), all vitamins, trace elements and the natural antibiotic substances lactoferrin, transferrin and growth factors; capsules are cellulose.

Analytical constituents: Crude protein 47.1%, fat content 2.3%, crude fibre 1%, crude ash 3.9%.

Minerals: Calcium 0.36%, phosphorous 0.38%, sodium 0.32%.

Size	Item no.
50 capsules	312002
100 capsules	312003
250 capsules	312004



Analytical constituents:

Crude protein 23.6%, fat content 1.5%, crude fibre 13.2%, crude ash 7.2%, moisture 8.4%.

Minerals: Calcium 1.34%, phosphorous 0.4%, sodium 0.14%.

Size	Item no.
100 g	312007
200 g	312008

2 g

Regenerat

Strength and recuperation

Feed supplement for dogs

Regenerat from PerNaturam contains plant antioxidants that protect cells from free radicals and freeze-dried Kolsal® colostrum extract to support the immune system and help form cells and tissues. Give Regenerat for skin problems, allergic reactions and before and after operations and vaccinations.

Composition

Kolsal® colostrum, rice germ, spirulina, sunflower lecithin (GMO-free), Siberian ginseng, diatomaceous earth, rosehip and grapeseed concentrates, with the bioactive substances rutin, quercetin, choline and betaine of natural origin.

Analytical constituents:

Crude protein 30.1%, fat content 10.8%, crude fibre 11.9%, crude ash 10.2%.

Minerals: Calcium 0.98%, phosphorous 0.89%, sodium 0.25%.



Size	Item no.
100 g	312010
250 g	312011

1.75 g

Kolloidales Silberwasser (colloidal silver water)

50 ppm

For bacteria and fungi

Feed supplement for dogs



Further detailed information can be found on page 25.

Regenerat · Feeding recommendation: daily			
≤ 5 kg	15 kg	30 kg	≥ 40 kg
to	2 x	3-4 x	5 x
It cannot be overdosed.			

Bio-Koriander-Propolis-Öl (organic coriander and propolis oil)

For stabilising intestinal flora

Feed material for dogs

Combining coriander and rapeseed oil is an ancient Indian tradition. The seed contains 1 to 2% essential oils. Hohenlohe coriander is particularly rich in essential oil. Macerated in rapeseed oil from the Hunsrück region in Germany and rounded off with local propolis, this is a regional product with an outstanding effect.

Composition: Rapeseed oil, coriander (5%), propolis (1%).

Analytical constituents:	Size	Item no.
Fat content 98%.	50 ml	310023
	100 ml	310024



Organic coriander and propolis oil · Feeding recommendation

≤ 5 kg	15 kg	30 kg	≥ 40 kg
2-3 x 5-10	2-3 x 20	2-3 x daily 1/2 teaspoon	2-3 x daily 1/2 teaspoon
Give with food or administer directly by pipette or oral syringe daily. Always shake the bottle well before use. Please store in a cold, dark place.			

Bio-EchinaDog (organic)

For the immune system

Feed supplement for dogs

EchinaDog creates a triad of herbs, roots and fruits, combining effective American, Asian and European plants. The pressed juice activates the body's own defence and is also rich in natural antioxidants and vitamin C.

Composition

Juice pressed from purple coneflower, Siberian ginseng, elderberries.

Analytical constituents: Crude protein 0.4%, fat content 0.0%, crude fibre 1%, crude ash 0.3%, moisture 98%.

Minerals: Calcium 0.47%, phosphorous 0.06%, sodium 0.04%.



Size	Item no.
50 ml	312015
100 ml	312016

Zellschutz Anti-Stress (anti-stress cell protection)

Less stress – better performance

Feed supplement for dogs



Further detailed information can be found on page 51.

Organic EchinaDog · Feeding recommendation: daily			
≤ 5 kg	15 kg	30 kg	≥ 40 kg
2-3 x daily 1/2 teaspoon	2-3 x daily 1 teaspoon	2-3 x daily 1 1/2 teaspoons	2-3 x daily 2 teaspoons
Give with food or administer directly by pipette or oral syringe. Always shake the bottle well before use. Please store in a cold, dark place.			

When does a dog start going crazy?

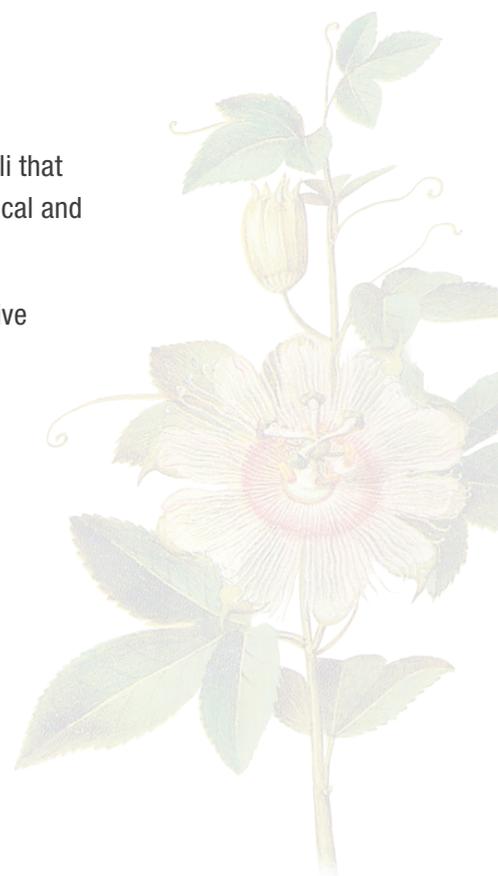
Stress is defined as the psychological and physical reactions to specific stimuli that enable unusual demands to be met. This always goes hand in hand with physical and mental strain.

Stress is a complex issue. Stress reactions have different phases; there is active and passive stress, different reactions to stress and much more. Stress is not necessarily always negative; as eustress, it can improve the ability to react and even the ability to perform. Negative stress, however, due to consistently excessive demands or even a lack of demands and debilitated state, can lead to aggression and illness.

For this reason, it is paramount to first identify and eliminate the causes of stress. If the causes are identified and avoided, or coping strategies for stress are practised, the nutritional side can then be focussed on for a calming and balancing effect.

Antioxidants bind free radicals, protect mitochondria and reduce cellular stress. Read more about this in the section on Performance & Sport – these topics are closely connected.

A dog's resilience – its activity and fitness as a working and performance dog as well as its reliability as a family dog – depends on its ability to withstand stress.



Zellschutz Anti-Stress (anti-stress cell protection)

Less stress – better performance

Feed supplement for dogs

This very complex blend with its high content of natural antioxidants protects against cellular stress. This makes it particularly important for dogs before and after performance tests (e.g. agility tests or shows), operations, for female dogs shortly before and after giving birth, but also for dogs being treated with medication.

Zellschutz Anti-Stress protects cells from free radicals. It increases performance by improving energy utilisation, reduces negative stress, promotes cell formation and boosts recovery.

Composition

Kolsal® colostrum, Siberian ginseng, rice germ, spirulina, sunflower lecithin (GMO-free) and rosehips as well as natural antioxidant concentrates of ginkgo, vine leaves, pagoda tree and glutathione yeast.

Analytical constituents: Crude protein 29.8%, fat content 10.2%, crude fibre 9.8%, crude ash 10.1%.
Minerals: Calcium 0.9%, phosphorous 0.88%, sodium 0.21%.

Size	Item no.
100 g	311016
250 g	311014
500 g	311015

1.75 g



Zellschutz Anti-Stress · Feeding recommendation			
≤ 5 kg	15 kg	30 kg	≥ 40 kg
	2 x	3-4 x	5 x
Give Zellschutz Anti-Stress daily during all periods of stress and pressure. It cannot be overdosed.			

Epi-Dog

Reduces stress reactions

Feed supplement for dogs

The natural substances in Epi-Dog strengthen the nerves and improve resistance to stress. Lecithin and vitamin B12 promote the formation of myelin sheaths, which are necessary for the electrical isolation of the nerves. Ginkgo concentrates improve blood circulation in the brain, while passion flower concentrates have a calming effect without causing sluggishness.

Size	Item no.
50 g	311020
100 g	311021
250 g	311022

Composition

Ginseng root, sunflower lecithin (GMO-free), passion flower, concentrates of ginkgo and pagoda tree.

Analytical constituents: Crude protein 11.7%, fat content 22.6%, crude fibre 5.3%, crude ash 20.9%.

Minerals: Calcium 1.07%, phosphorous 0.74%, sodium 0.13%.

Nutritional additives per kg: Vitamin B1 (thiamine chloride) 0.1 g, vitamin B6 (pyridoxine hydrochloride) 0.1 g, vitamin B12 (cyanocobalamin) 0.0025 g, zinc chelate, hydrate 4 g, taurine 2 g.



Epi-Dog · Feeding recommendation			
≤ 5 kg	15 kg	30 kg	≥ 40 kg
2 x daily	2 x daily	2 x daily	2 x daily
In stressful situations, such as on visits, when travelling or on New Year's Eve (fireworks), the Epi-Dog dosage can be doubled.			

These products are also important for resilience to stress – depending on your dog's circumstances.

We will be happy to advise you!



Lecithin with silica
Just as important for stress
You can find it on page 57.

Feed supplement for dogs



Kolsal® colostrum extract
Supports the body's defences

Feed material for dogs



Kolsal® Vital capsules
Vitality and performance

Feed material for dogs

Further detailed information on Kolsal® products can be found on page 48.

How is energy actually produced in the body?

Wolves can run up to 100 km in a single night, if necessary, chasing their quarry over long distances at high speed. With the proper care and nutrition, your dogs can achieve equivalent levels of fitness.

Performance and sporting dogs in particular need an optimum diet so that they can perform to their best abilities and recover fully during recuperation phases. The most important prerequisites for this are good musculature, energy reserves and the blood's ability to supply cells with sufficient oxygen. Oxygen is metabolised into energy in the mitochondria within the cells. Sufficient red blood cells are required to transport oxygen to the cells. As the power houses of the cells, the mitochondria need to be protected from free radicals and supported in their work.

Antioxidants ensure active mitochondria, which can then multiply by dividing in response to performance demands and training and provide sufficient energy for the muscles and nerves. An ordinary body cell has about 1,500 mitochondria, nerve tissue up to 6,000. It is clear to see why the subject of nerves and stress is so closely linked to performance and sport.

Sport places tendons, ligaments and connective tissue under a great deal of strain. In older dogs with age-related problems and low levels of exercise, agility and suppleness can be improved and maintained using dietary supplements.

Read more on this topic in the “Tendons, Ligaments & Joints” and “Seniors” sections in this catalogue.



Lecithin mit Kieselerde (lecithin with silica)

For tendons, ligaments, joints and cell building

Feed material with additive for dogs

This product contains 60% lecithin and 40% silica for your dog's cell growth, regeneration, performance and beauty. The body needs lecithin constantly, because lecithins – in particular phospholipids (36% content) – are the building blocks for all cell membranes. Without lecithin there would be no cell function or cell renewal, no growth.

The body requires silica (diatomaceous earth) for the production of synovial fluid and the formation of horn, i.e. hair and claws, bones, connective tissue and cartilage.

Lecithin with silica is an important supplement, particularly for pregnant females and for puppies, during a change in coat and for performance dogs.

Composition

Sunflower lecithin (GMO-free).

Analytical constituents: Crude protein 3.7%, fat content 44.5%, crude fibre 1.4%, crude ash 34.1%.

Minerals: Calcium 1.3%, phosphorous 1.07%, sodium 0.2%.

Technological additives per kg: 400 g silica, precipitated.

Size	Item no.
500 g	313001
1 kg	313002

1.5 g

13 g



Lecithin · Feeding recommendation: daily			
≤ 5 kg	15 kg	30 kg	≥ 40 kg
	2 x 		2 x 
Double the amount during pregnancy and rearing!			

Reiskeim-Öl (rice germ oil)

For muscle growth and fertility

Feed material for dogs

PerNaturam rice germ oil is rich in essential fatty acids (oleic, linoleic and palmitic acid), has an ideal fatty acid structure and contains the active ingredient complex oryzanol, which promotes fertility and improves muscle development. It is also particularly rich in natural tocopherol (vitamin E, antioxidant).

Rice germ oil is particularly important for breeding dogs; it is also important for dogs that need well developed musculature and are required to perform well.

Composition

100% rice germ oil.

Analytical constituents:

Fat content 100%.

Size	Item no.
250 ml	310009
500 ml	310007



Rice germ oil · Feeding recommendation			
≤ 5 kg	15 kg	30 kg	≥ 40 kg
½ teaspoon	1 teaspoon	1 tablespoon	2 tablespoons
Once opened, keep refrigerated and use within 2 months!			

Rennergie

Improves performance and stamina

Feed supplement for dogs

Rennergie ensures more power and stamina: it is a product for all performance dogs, but also for older dogs in certain circumstances. Rennergie promotes muscle development, improves the availability of energy and optimises the supply to and detoxification of muscle cells. In combination with intensive training, dogs become more motivated to perform and display more stamina. Sprinters can deliver outstanding performances.

Composition

Rice germ, Siberian ginseng, spirulina, haemoglobin, meadowsweet, creatine.

Analytical constituents: Crude protein 33.1%, fat content 10%, crude fibre 12.5%, crude ash 10.8%.

Minerals: Calcium 0.62%, phosphorous 1.03%, sodium 0.15%.

Nutritional additives per kg:

L-carnitine 2.5 g.

Size	Item no.
250 g	311011
500 g	311012

2 g

10g



Rennergie · Feeding recommendation			
≤ 5 kg	15 kg	30 kg	≥ 40 kg
2 x 	2 x 	3 x 	4-5 x 
Every other day or when top performance is required, every day.			

Sport & Performance

Zellschutz Anti-Stress (anti-stress cell protection)

Less stress – better performance

Feed supplement for dogs

This highly complex blend with its concentration of natural antioxidants protects against cellular stress. This makes it particularly important for dogs before and after performance tests (e.g. agility tests or shows), operations, for female dogs shortly before and after giving birth, but also for dogs being treated with medication. Zellschutz Anti-Stress protects cells from free radicals. It increases performance by improving energy utilisation, reduces negative stress, promotes cell formation and boosts recovery.



Size	Item no.
100 g	311016
250 g	311014
500 g	311015

1,75 g

Anti-stress cell protection · Feeding recommendation: daily

≤ 5 kg	15 kg	30 kg	≥ 40 kg
	2 x	3-4 x	5 x

Give Zellschutz Anti-Stress daily during all periods of stress and pressure. It cannot be overdosed.

Composition

Kolsal® colostrum, Siberian ginseng, rice germ, spirulina, Sunflower lecithin (GMO-free) and rosehips as well as natural antioxidant concentrates of ginkgo, vine leaves, pagoda tree and glutathione yeast.

Analytical constituents: Crude protein 30.5%, fat content 8.7%, crude fibre 11.1%, crude ash 10.1%.

Minerals: Calcium 0.69%, phosphorous 0.91%, sodium 0.19%.

Hämophyll

For improving blood formation and revitalising cells

Feed supplement for dogs

This product is for all dogs, but especially for performance dogs and those with anaemia. Hämophyll promotes the formation of red blood cells, improves blood flow and thus the supply to muscles. Chlorella provides the magnesium necessary for the coordination of muscles.

Composition

Haemoglobin, chlorella, willow bark, meadowsweet.



Analytical constituents: Crude protein 61.1%, fat content 1.5%, crude fibre 5.1%, crude ash 13%.

Minerals: Calcium 0.5%, phosphorous 0.31%, sodium 0.36%, 1.8% natural iron content.

Technological additive per kg: 100 g bentonite montmorillonite.

Hämophyll · Feeding recommendation: daily			
≤ 5 kg	15 kg	30 kg	≥ 40 kg
		3 x	4 x

Size	Item no.
500 g	311001

8 g

Perna Adult

Strengthens stressed joints and connective tissue

Feed supplement for dogs

Perna Adult contains 50% high-quality concentrate from the green-lipped mussel. It supports joint function in adult dogs, especially when they have to perform well; it also prevents cartilage wear by providing specific nutrients. Perna Adult also has a stabilising effect on tendons and ligaments and strengthens the connective tissue.

Composition

50% concentrate from the green-lipped mussel (*Perna canaliculus*) with added rosehips, gelatine, spirulina, meadowsweet and L-carnitine.

Analytical constituents: Crude protein 51.2%, fat content 5.3%, crude fibre 1.2%, crude ash 9.2%.

Minerals: Calcium 0.49% phosphorous 0.56%, sodium 0.96%.

Nutritional additives per kg: 25 g L-carnitine.

Size	Item no.
100 g	304009
250 g	304010
500 g	304011
1 kg	304012

1.5 g



Perna Adult · Feeding recommendation: daily

≤ 5 kg	15 kg	30 kg	≥ 40 kg
	2 x	4 x	6 x

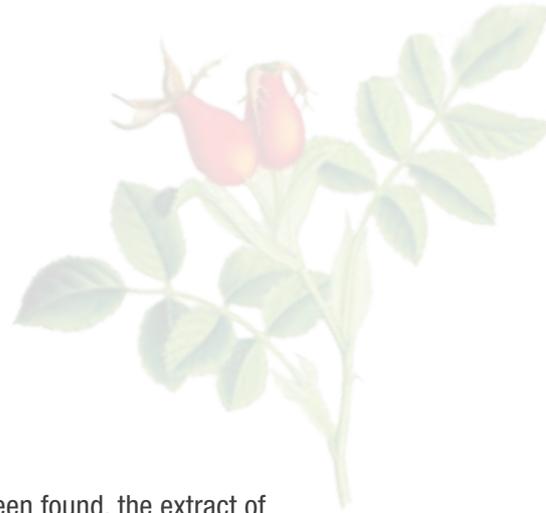
In the first 5 to 10 days the amount can be doubled, depending on your dog's condition.

A rolling stone gathers no moss

Exercise is the fundamental requirement for good health. Mobility has been one of the selection criteria throughout evolution, because it means success as a hunter and survival as the hunted. However, movement also means training for musculature, heart and circulation, activation of the metabolism and stimulation of the lymph flow. A lack of exercise means less synovial fluid is produced. The smooth joint matrix wears down and movements are increasingly accompanied by pain. A dog will then adopt a protective posture, gradually being less physically active. Thus, a vicious circle begins.

If breed-related dysplasia is suspected in a dog or damage has already been found, the extract of the green-lipped mussel, *Perna canaliculus*, is often used. PerNaturam has put together various mixtures based on the green-lipped mussel, which have been used successfully depending on a dog's age and problem. In addition, there are further plant-based substances available, which provide for better blood circulation to the periosteum. As a result, the joints are supplied more effectively and deposits are prevented.

Take advantage of the other options presented in this catalogue for the support of the musculoskeletal system.



Tendons, Ligaments & Joints



Our Perna products – keeping your dogs on the move

Our tried and tested Perna products are characterised by their high proportion of highly effective green-lipped mussel extract. This is supported by specially adapted formulations which mean that Perna products can be used for a specific stage in life, but also for specific conditions.

Perna Junior

For joints and connective tissue in young dogs

Feed supplement for dogs

This supports joint function in young dogs and strengthens their connective tissue. Perna Junior contains high-quality, high-dose concentrate (60%) from the green-lipped mussel, with gelatine, rosehips and omega-3 fatty acids. This is the perfect combination for forming joint cartilage, tendons and ligaments and strengthening joints and connective tissue.

Composition

60% freeze-dried concentrate from the green-lipped mussel (*Perna canaliculus*) with added gelatine, rosehips and cod liver oil concentrate with vitamin D and omega-3 fatty acids.



1.5 g

Perna Junior · Feeding recommendation: daily

≤ 5 kg	15 kg	30 kg	≥ 40 kg
	3 x	4 x	5 x

Give Perna Junior as required for a prolonged period, especially during growth spurts and for breeds prone to joint problems.

Analytical constituents:

Crude protein 55.2%, fat content 8.6%, crude fibre 3.1%, crude ash 9.5%.

Minerals: Calcium 0.37%, phosphorous 0.45%, sodium 1.28%.

Size Item no.

100 g 304001
250 g 304002
500 g 304007
1 kg 304008

Perna Senior

Strengthens joints and connective tissue in ageing dogs

Feed supplement for dogs

Perna Senior contains a particularly high 55% dose of the mussel extract. The extract is combined with herbs that are traditionally used for joints and therefore mobility.

If your dog has no issues in these areas yet, be glad – but take preventive measures now!

Composition

55% concentrate from the green-lipped mussel (*Perna canaliculus*) with added rosehips, African devil's claw (*Harpagophytum*), meadowsweet and frankincense.

Analytical constituents: Crude protein 36.4%, fat content 7.6%, crude fibre 7.5%, crude ash 9.9%.

Minerals: Calcium 0.72%, phosphorous 0.52%, sodium 0.86%.

Perna Adult

For working, sporting and performance dogs

Feed supplement for dogs

Perna Adult contains 50% high-quality concentrate from the green-lipped mussel. It supports joint function in adult dogs, especially when they have to perform well; it also prevents cartilage wear by providing specific nutrients. Perna Adult also has a stabilising effect on tendons and ligaments and strengthens the connective tissue.

Composition

50% concentrate from the green-lipped mussel (*Perna canaliculus*) with added rosehips, gelatine, spirulina, meadowsweet and L-carnitine.

Analytical constituents: Crude protein 51.2%, fat content 5.3%, crude fibre 1.2%, crude ash 9.2%.

Minerals: Calcium 0.49%, phosphorous 0.56%, sodium 0.96%.

Nutritional additives per kg:

25 g L-carnitine.



1.5 g

Size Item no.

100 g 304009
250 g 304010
500 g 304011
1 kg 304012

Perna Adult · Feeding recommendation: daily

≤ 5 kg	15 kg	30 kg	≥ 40 kg
	2 x	4 x	6 x

In the first 5 to 10 days the amount can be doubled, depending on your dog's condition.

Size Item no.

100 g 304003
250 g 304004
500 g 304005
1 kg 304006

1.5 g



Perna Senior · Feeding recommendation: daily

≤ 5 kg	15 kg	30 kg	≥ 40 kg
	2 x	4 x	6 x

In the first 5 to 10 days the amount can be doubled, depending on your dog's condition.

Tendons, Ligaments & Joints

Lecithin mit Kieselerde (lecithin with silica)

For tendons, ligaments, joints and cell building

Feed material with additive for dogs

This product contains 60% lecithin and 40% silica for your dog's cell growth, regeneration, performance and beauty. The body needs lecithin constantly, as lecithins – in particular phospholipids (36% content) – are the building blocks for all cell membranes. Without lecithin there would be no cell function or cell renewal, no growth.

Silica (diatomaceous earth) is required by the body for the production of synovial fluid and the formation of horn, i.e. hair and claws, bones, connective tissue and cartilage. Lecithin with silica is an important supplement, particularly for pregnant females and for puppies, during a change in coat and for performance dogs.

Composition

Sunflower lecithin (GMO-free)



Analytical constituents:

Crude protein 3.7%, fat content 44.5%, crude fibre 1.4%, crude ash 34.1%.

Minerals: Calcium 1.3%, phosphorous 1.07%, sodium 0.2%.

Technological additives per kg:

400 g silica, precipitated.

Size	Item no.
500 g	313001
1 kg	313002

Lecithin · Feeding recommendation: daily

≤ 5 kg	15 kg	30 kg	≥ 40 kg
	2 x		2 x
Double the amount during pregnancy and rearing!			

Hagebutten-Pulver (rosehip powder)

Natural vitamin C

Feed material for dogs

Gently dried, ground rosehips are a natural source of vitamin C (involved in the metabolism of calcium), vitamin B complex, vitamin K and carotenoids. The high content of natural antioxidants protects cells from free radicals, especially red blood cells and mitochondria, thus supporting the immune system.

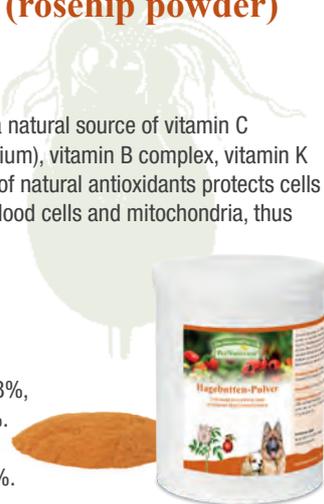
Composition

Gently dried, ground rosehips.

Analytical constituents:

Crude protein 3.4%, fat content 0.8%, crude fibre 13.3%, crude ash 5.9%.

Minerals: Calcium 0.96%, phosphorous 0.15%, sodium 0.01%.



Size	Item no.
250 g	309009
500 g	309030

Rosehip powder · Feeding recommendation: daily

≤ 5 kg	15 kg	30 kg	≥ 40 kg
1 to 2 x			

Weihrauch Kapseln (frankincense capsules)

Boswellia serrata

Soothes irritated mucous membranes and improves mobility

Feed material for dogs

Frankincense resin is a dried granular resin that was already in use in Ancient Egypt as an aromatic, disinfecting and anti-inflammatory agent. Frankincense helps with joint problems, allergic reactions and dust allergies. It soothes the mucous membranes in the stomach and intestine.



Composition

Capsules are cellulose. Each capsule contains 400 mg concentrate of frankincense (*Boswellia serrata*) with 85% boswellic acids.

Size	Item no.
50 capsules	304013
100 capsules	304014

Analytical constituents: Crude protein 21.5%, fat content 53.5%, crude fibre 1%, crude ash 2.8%.

Minerals: Calcium 0.01%, phosphorous 0.01%, sodium 0.93%.

Frankincense capsules · Feeding recommendation: daily

≤ 5 kg	15 kg	30 kg	≥ 40 kg
1/2	1 1/2	3	4

Bio-Curcuma-Myrrhe-Öl (organic turmeric and myrrh oil)

For stabilising the intestine and supporting metabolism

Feed supplement for dogs

Turmeric extracts in rapeseed and sesame oil have a stabilising effect on the intestines and improve metabolism. The high antioxidant content reduces damage to joints and tissues caused by free radicals. Turmeric and myrrh oil protects the mucous membranes, black pepper improves the absorption of curcumin.



Size	Item no.
50 ml	302026
100 ml	302027
250 ml	302028

Composition

Rapeseed oil, sesame oil, turmeric (5%), myrrh (1%), black pepper.

Analytical constituents:

Crude protein 0.3%, fat content 99%, crude fibre 1%, crude ash 0%.

Minerals: Calcium 0.01%, phosphorous 0.01%, sodium 0.01%.

Organic Turmeric and myrrh oil · Feeding recommendation: daily

≤ 5 kg	15 kg	30 kg	≥ 40 kg
2-3 x	2-3 x	2-3 x daily	2-3 x daily
5-10	20	1/2 teaspoon	1/2 teaspoon
Give with food or administer directly by pipette or oral syringe. Always shake the bottle well before use. Please store in a cool, dark place. 20 = 1 ml			

What is inside is reflected on the outside – skin and coat are indicators

The skin and coat envelop the entire body and as an all-encompassing organ it reflects a dog's overall state of health. Therapists can draw valuable conclusions about the nutritional and general state of health from the condition of the skin, and the structure and quality of the coat. A hair analysis can even determine the nutrient supply, especially of minerals and trace elements, but also exposure to toxins.

In short, the skin and coat reflect the state of health. From this, we can gain a holistic view of the dog. Problems such as scaly skin, eczema, dull coat, poor pigmentation or hair loss are signs of metabolic problems or an unbalanced diet. Older dogs can display skin and coat problems even when well cared for. In such cases, a supply of all the nutrients required for coat formation is necessary to relieve the liver from its numerous tasks and to support hair growth. During or after a change of coat, detoxification is recommended, which additionally revitalises and improves the metabolism.

This is also very important for dogs with skin problems. Please read about this in the information on elimination and deacidification in the Liver section.



Reine Bierhefe (pure brewer's yeast)

Supports intestinal flora, metabolism, skin and coat

Feed material for dogs

Pure brewer's yeast from PerNaturam (with no spent grain!) primarily contains B-complex vitamins, minerals, trace elements and all essential amino acids. It is gently dried, wholesome and non-extracted. PerNaturam brewer's yeast stabilises the intestinal flora which has a positive effect on metabolism, motivation and fertility. The high content of natural B-complex vitamins also has a beneficial effect on the skin and coat. Furthermore, brewer's yeast is rich in phenylalanine, an amino acid needed to form melanins, the colour pigments. It is particularly important during pregnancy and for the puppies' nutrition.

Composition

100% pure brewer's yeast

Analytical constituents:

Crude protein 43.3%, fat content 2.8%, crude fibre 1%, crude ash 6.1%.

Minerals: Calcium 0.51%, phosphorous 1.11%, sodium 0.02%.



2.5 g

12 g

Size	Item no.
500 g	313006
1 kg	313007

Pure brewer's yeast · Feeding recommendation: daily

≤ 5 kg	15 kg	30 kg	≥ 40 kg
	2 x	3 x	
Double the amount during pregnancy and lactation!			

Lecithin mit Kieselerde (lecithin with silica)

For tendons, ligaments, joints and cell building

Feed material with additive for dogs

This product contains 60% lecithin and 40% silica for your dog's cell growth, regeneration, performance and beauty. The body needs lecithin constantly, because lecithins – in particular phospholipids (36% content) – are the building blocks for all cell membranes. Without lecithin there would be no cell function or cell renewal, no growth.

The body requires silica (diatomaceous earth) for the production of synovial fluid and the formation of horn, i.e. hair and claws, bones, connective tissue and cartilage.

Lecithin with silica is an important supplement, particularly for pregnant females and for puppies, during a change in coat and for performance dogs.

1.5 g

13 g

Lecithin · Feeding recommendation: daily

≤ 5 kg	15 kg	30 kg	≥ 40 kg
	2 x		2 x
Double the amount during pregnancy and rearing!			

Composition

Sunflower lecithin (GMO-free).

Analytical constituents:

Crude protein 3.7%, fat content 44.5%, crude fibre 1.4%, crude ash 34.1%.

Minerals: Calcium 1.3%, phosphorous 1.07%, sodium 0.2%.

Technological additive per kg:

400 g silica, precipitated.

Size	Item no.
500 g	313001
1 kg	313002



Cornett + H

Silky, smooth coat and strong claws

Feed supplement for dogs

Cornett + H supplements the nutrients essential for skin and coat formation. Cornett + H helps your dog when its coat is changing or being replaced, and helps females that moult after having puppies. Cornett + H's optimal supply of essential fatty acids and vital substances ensures a silky, glossy coat, smooth flake-free skin with good pigmentation and strong claws.

Composition

Sunflower lecithin (GMO-free), brewer's yeast, seaweed powder.



Size	Item no.
250 g	303003
500 g	303004
1 kg	303005

2 g

10 g

Cornett + H · Feeding recommendation: daily

≤ 5 kg	15 kg	30 kg	≥ 40 kg
	2 x		
Give Cornett + H during moulting, after weaning puppies and for coat problems.			

Analytical constituents: Crude protein 9.3%, fat content 14.3%, crude fibre 1%, crude ash 25.6%.

Minerals: Calcium 5.14%, phosphorous 0.47%, sodium 0.4%.

Technological additive per kg: 120 g silica, precipitated/E551.

Nutritional additives per kg: 200 mg biotin (D(+)-biotin), 150 g vitamin E, 50 g vitamin C (ascorbic acid), 25 g zinc chelate of glycine hydrate, 0.05 g manganese chelate of glycine hydrate.

Skin & Coat

Pigmentan

For building up melanin pigments in skin and coat

Feed supplement for dogs

Pigmentan from PerNaturam helps to build up melanin pigments in the skin and coat (deeper colours, reduces the appearance of wiry hair and grey or red tones), giving the coat more depth and brilliance. Lightened skin areas (lips) usually turn dark again. Pigmentan contains plant antioxidants, chlorophyll and organically bound iron, and colourants from algae and berries, which protect and regenerate melanin pigments in hair and skin.

Pigmentan · Feeding recommendation: daily			
≤ 5 kg	15 kg	30 kg	≥ 40 kg
	2 x 	3 x 	4 x 
Give Pigmentan daily, particularly during a change in coat and prior to the show season. For poor pigmentation, give for 3 to 6 months.			

Composition

Concentrates from elderberries, seaweed, haemoglobin, spirulina, antioxidant concentrates from Siberian ginseng, grapeseed, rice germ, sapucaia nut flour.



Analytical constituents:

Crude protein 23.5%, fat content 3.2%, crude fibre 5.4%, crude ash 7.9%.

Minerals: Calcium 0.62%, phosphorous 0.37%, sodium 0.82%.

Size	Item no.
250 g	303014
500 g	303013



Silky Tabs

Healthy skin, silky coat

Feed supplement for dogs

Silky Tabs from PerNaturam provide the skin with the necessary building substances, in particular natural zinc and biotin (vitamin H), as well as a high proportion of natural beta-carotene, chlorophyll, silicic acid and B vitamins. They optimise the diet, alleviating strain on the metabolism and accelerating the change of coat. When the coat is not undergoing change, the tablets make the coat glossier and silkier. The tablets are easy to dose.



Silky tablets · Feeding recommendation: daily			
≤ 5 kg	15 kg	30 kg	≥ 40 kg
	2 	3 	4 

Composition

Caldera spirulina, horsetail, stinging nettle, brewer's yeast.

Analytical constituents: Crude protein 37.6%, fat content 2.9%, crude fibre 6.2%, crude ash 13.1%.

Minerals: Calcium 0.85%, phosphorous 0.58%, sodium 0.4%.

Technological additive per kg: 10 mg silica, precipitated/E551.

Nutritional additives per kg: (1 tablet = 500 mg): 5 g biotin (D(+)-biotin), 18 g vitamin C (ascorbic acid), 15 g zinc chelate of glycine hydrate.

Size	Item no.
100 capsules	303012

Nachtkerzenöl Kapseln (evening primrose oil capsules)

For itching and eczema, intact skin and a glossy coat

Feed material for dogs

PerNaturam evening primrose oil is rich in gamma linolenic acids (9%!) – for intact skin and a glossy coat. It is especially important in the case of itching and eczema. Applied to the skin, evening primrose oil soon eases itching.

Composition

500 mg of evening primrose oil per capsule. Capsule shell 200 mg soft gelatine.

Feeding recommendation

See page 22

Analytical constituents: Crude protein 18.5%, fat content 41.58%, crude fibre 1%, crude ash 0.32%, moisture 4.8%.

Nutritional additives per capsule: Vitamin E 15 mg as RRR-alpha-tocopherol = 29,000 IU per kg of evening primrose oil. Equates to 22.35 IU per capsule.



Size	Item no.
100 capsules	303017
200 capsules	303018

SilkyCoat®

Perfect coat care from within

Feed supplement for dogs

SilkyCoat® is a blend of highest quality, cold-pressed oils – including argan oil from the nut of the African argan tree, the gold of Morocco. SilkyCoat® contains an ideal composition of all the fatty acids that are indispensable for the growth and regeneration of skin and coat.

Composition

SilkyCoat® is a blend of cold-pressed sunflower, rapeseed, hemp, linseed and argan oils.



Size	Item no.
100 ml	303007
250 ml	303008
500 ml	303009
1 l	303011

Analytical constituents:

Fat content 99%.

Minerals: Calcium 0%, phosphorous 0.01%, sodium 0.001%.

Once opened, keep refrigerated and use within 2 months!

SilkyCoat® · Feeding recommendation: daily			
≤ 5 kg	15 kg	30 kg	≥ 40 kg
1/2 teaspoon	1 teaspoon	2 teaspoons	1 tablespoon
Simply add to food. Dogs love it!			



More and more dogs ...

... are suffering from skin complaints, scratching themselves until they bleed, licking their paws raw, developing hot patches and in some cases skin discolouration and hair loss. In many cases, they can barely sleep because of all the itching. These dogs often look dreadful despite everything being done for them, including providing the best and perhaps most expensive food available.

The vet always knows best. It must be an allergy and/or food intolerance – after all, lots of dogs have these problems, nowadays. So, what is the answer?

An allergy test. Once the results are back, the right food can be found for the dog – which the vet has in stock. In the meantime, the dog has been given an antibiotic as a precautionary measure for the open wounds, and a cortisone preparation for the itching. These are immediately effective. Unsurprisingly, the test confirms all suspicions. The G-type immunoglobulins show that the dog is allergic to several kinds of meat and all kinds of plant substances. Apparently, the dog has been fed the wrong food all along, but the right food is available for immediate purchase and to take home – needless to say, from the vet. If, at some point, it becomes evident that the problem still exists, despite the dog being fed 'sensitive' food, another kind is tried. There are plenty of alternatives. But if none of those are any help, cortisone will inevitably have to be used in the long run. It would be interesting to find out if these skin complaints are more likely to occur in dogs fed extruded dry food or meat mixtures, especially fresh meat.

What you need to know about allergy tests

In the following quoted texts, please replace food with *feed* and humans with *dogs*. What is written here also applies to cats and horses.

On 7 December 2010, the German channel SWF broadcast a programme, see: www.swr.de/odyso –

information about the programme from 7 January 2010 – Nutritional misconceptions, which asserted the following:

Most of them are not allergic to food at all. A test has deemed them to be ill: The 'IgG test', which comes highly recommended by many doctors and alternative practitioners, determines antibodies and allegedly provides information about food intolerances. New studies have shown, however, that the tests are nothing more than expensive nonsense. They show a reaction in people with no symptoms and suggest disease where there is none.

And below is an abridged excerpt from a publication by the Deutsche Gesellschaft für Ernährung (German society for nutrition). You can read the full German article at www.dge.de – DGEinfo 12/2009 – Beratungspraxis.



Stinging nettle
(*Urtica dioica*)

If the patient is intolerant to food, a distinction is made between an allergy caused by immunological factors and an intolerance without immunological involvement. While immunoglobulin E (IgE)-mediated allergic food hypersensitivity is based on endogenous reactions to proteins and can be tested with scientifically evaluated clinical tests or blood tests, no tests are available for non-allergic food hypersensitivity.

Does that mean that allergies don't exist?

No, they do exist. And if you suspect that your dog, cat or horse is allergic to any substance, then you have to opt for an exclusion diet. This is the safest and most reliable way to proceed, but it is very time-consuming. Bio-resonance is also a possible option for discovering any intolerances or allergies your animal may have to certain substances.

You can read the complete article in German at www.artgerecht-tier.de under the search term *Allergietest* (allergy test).

Skin & Coat

Kräuter-Balsam (herb balm)

Care and protection – for sensitive skin

Herb balm from PerNaturam contains nourishing herbal extracts and balms of marigold, clove, arnica, myrrh and propolis. The balm is absorbed well by the skin, protecting it, and leaving it supple and more resilient. The herbal combination especially nourishes skin areas that are irritated by wound-licking, tick bites, collars or harnesses.

Composition

Plant extracts from marigold and clove, arnica, myrrh, propolis, balm oil.

Recommendations for use

If necessary, apply to the affected areas several times daily. For external use only on dogs.

Size	Item no.
100 ml	306005



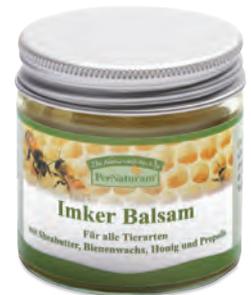
Imker Balsam (beekeeper's balm)

Nourishing and antiseptic

Honey, propolis and beeswax define the aroma of the new Imker Balsam, which contains all the essential substances from the hive as well as significantly more propolis. As the ingredients are highly concentrated, the Imker Balsam can be used sparingly. Applied thinly, it forms a nourishing, antiseptic layer that protects the stressed areas of the skin while making it more supple and smooth.

Composition

Shea butter, coconut oil, beeswax, sunflower oil, honey, propolis, alcohol, water, essential rosemary oil, benzyl alcohol, benzyl esters of benzoic acid, cinnamic acid, salicylic acid.



Recommendations for use

Apply thinly and rub in well. For hoof corium damage, push into the grooves and cracks and distribute well.

Size	Item no.
60 ml	500017
250 ml	500035

Pfötchen-Creme (paw cream)

For dry and cracked paw pads

Nourishing herbal extracts from yarrow, lime, olive, comfrey, clove, marigold and thyme keep the paw pads supple and smooth. The cream is completely absorbed, is not licked off and leaves no grease stains. In winter, it nourishes paws that have become cracked and sore from de-icing salt. It also alleviates itching and prevents wound licking.

Composition

Herbal extracts from yarrow, lime, olive, comfrey, clove, marigold and thyme.

Recommendations for use

Apply thinly to the paw pads. It can also be used to soothe and nourish itchy, dry patches.



Size	Item no.
100 ml	306006
300 ml	306007

Aloe vera-Spray (spray)

With lemongrass and jojoba oil

Aloe vera spray from PerNaturam stops itching and makes the skin and coat shiny, supple and smooth. The high content of acemannan allows the skin cells to store more moisture.

Composition

Aloe vera gel (89.6%), lemongrass oil, jojoba oil; stabilisers: benzoic sorbate and potassium sorbate.

Recommendations for use

Apply thinly and massage into the skin and coat.

Shake well before use! Never spray in the eyes!

Size	Item no.
200 ml	203012



AkaFree

Defence against ticks, mites, fleas and lice

AkaFree is a pump spray for combating pests in the pet environment and in the home. AkaFree contains geraniol, the essential oil of the scented geranium. Geraniol destroys the chitin layer of spiders and insects and blocks the trachea, causing the pests to dry out. AkaFree contains only natural-based active ingredients that are quickly biodegradable.

Composition

Active ingredient: geraniol 1.5 g/per kg – Federal Institute for Occupational Safety and Health (BAuA) Reg. no. N-27251

Recommendations for use

Spray AkaFree with 10 ml/m² into nooks and areas where you suspect pest activity, directly on mites and insects or onto pet bedding and places where pets rest.

Use biocides safely. Always follow the instructions for use!

Notes on safe handling

Never ingest and keep away from children. Do not spray in the eyes or on damaged areas of skin. Cover food first. Always shake well before use.



Size	Item no.
500 ml	306001
3 x 500 ml	350005
2.5 l	306003

Kolloidales Silberwasser (colloidal silver water) 50 ppm

For bacteria and fungi

Ancient knowledge about the germicidal effect of silver was long negated and ridiculed. Today, however, silver is incorporated into modern weaved fabrics and utensils as a matter of course due to its germ-inhibiting effect. In fact, it has recently been used in space travel as an alternative to antibiotics.

For more information on colloidal silver water, please refer to the available literature and the internet.



Spray Size	Item no.
100 ml	500013

Drops Size	Item no.
100 ml	500003
250 ml	500002

Store colloidal silver water in a cool, dark place away from electrical appliances, otherwise the silver ions will flocculate and settle as a grey deposit.

Myrrhe-Propolis-Spray und -Tropfen (myrrh and propolis spray and drops)

For inflammation and fungal infections of the mucous membranes

Myrrh and propolis have been used with great success since biblical times, mainly because of their antibacterial and anti-fungal properties. Myrrh is traditionally used to care for the mucous membranes in case of inflammation and fungal infections.

Composition

Propolis (5%), myrrh (5%), ethanol (90%).

Recommendations for use

Thinly apply myrrh and propolis drops or spray on the affected skin.



Drops Size	Item no.
50 ml	500007

Spray Size	Item no.
100 ml	203011



Where do all these herbs actually come from?

We are often asked where our herbs come from. We do not cultivate them ourselves; however, we are creating show and educational gardens in the new grounds currently under construction around our company premises, where

we will showcase many of the herbs we use. Germany is the most important hub in the European herbal market. Franconia, Bavaria, Thuringia and the Harz Mountains are the traditional regions for growing and collecting herbs. Pharmacists used to carry their goods from these regions across the continent on their backs. Today, many herbal companies that operate globally are now headquartered in these regions.



Coriander
(*Coriandrum sativum*)

We mainly purchase herbs that meet the requirements of the European Pharmacopoeia. In order to be used as animal feed, additional tests are necessary, e.g. for dioxin.

PerNaturam processes about 150 species of herbs; the majority of these come from traditional wild collections, which make up about 60% of the species used. They include veronica, lichen, leaves, caraway, mistletoe and many berries, but also other special varieties which cannot be cultivated.

The main areas of collection are the Baltic States, the Czech Republic, Poland and the Balkans. There is no better way than to use plants that grow in their natural habitat. They are also collected in Germany, including in the Hunsrück region.



Sage
(*Salvia officinalis*)

Cultivated herbs include those with very short harvest phases, requiring particularly gentle drying. These are herbs rich in essential oils, flowers or sensitive leaves and other plants that have to be dried quickly as they would otherwise spoil.

Cultivated plants include plantain, lemon balm and mint, but also horsetail to prevent confusion with the poisonous marsh horsetail during collection.

Marigolds are cultivated in Egypt and Turkey, the intense sunlight guaranteeing better plant quality. Major crops of mint, oregano and sage are grown in Germany.



Dandelion
(*Taraxacum officinale*)



Hawthorn
(*Crataegus laevigata*)

We make use of the entire market to secure a permanent supply and ensure diversity within our herbal blends. We have been working with our wholesalers and chemists for over thirty years; we know their businesses, how they work, store and mix their products and what quality controls they carry out. All herbs are batch tested for spray agent residues, heavy metals, active substance content and germ contamination.

Although no sprays are used in the cultivation of medicinal plants, these batches are also subjected to random testing. The minimum prerequisite is that the herbs and vegetables comply with food standards.



Oregano
(*Oreganum vulgare*)

When purchasing herbs, the colour, smell and flavour of the herbs are always important to us, because this is what determines quality and acceptance.

Our suppliers send us product samples and laboratory analyses at harvest time. After careful testing, we then conclude the contracts for the coming year so that we can guarantee you a reliable supply.

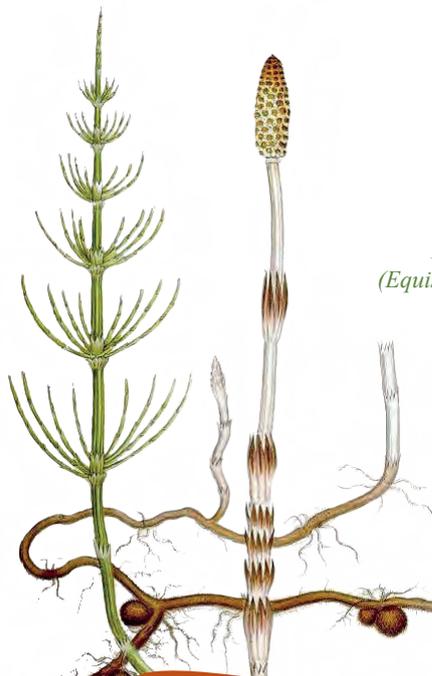
By the time the products arrive at your premises, they will have been subjected to a variety of quality controls – both at our suppliers and in our company. This means that the supply chain can be traced back to the field or collection region, allowing us to offer you particularly high-quality, safe products and tailored support for the individual needs of your animals.



Mugwort
(*Artemisia vulgaris*)



Marigold
(*Calendula officinalis*)



Horsetail
(*Equisetum arvense*)

Pregnancy, birth and growth are major achievements!

A litter of healthy puppies is the pride and joy of every breeder. Experienced breeders know exactly what preparations are necessary. The male dog has to produce enough active sperm, the female dog fertile eggs. Females also have to build up a calcium reserve, which increases the ability to conceive and prevents fertilised eggs from being rejected again. If the female is not in peak health or insufficiently supplied with important nutrients, she may not even be able to conceive as the conditions for rearing puppies healthily will not be fulfilled.

During the mating phase, gestation and rearing, special attention must be paid to providing the female dog with the best possible care.

Read our guides about fertility, pregnancy, birth and the nutrition of puppies, which you can find on the PerNaturam website under the menu item Downloads.

An optimal supply of all necessary nutrients is required for the puppies to grow healthily. Make use of our nutritional expertise – we will be happy to give you tips and advice so that your dog is properly fed according to its breed.



**Contact our consultants
on the direct number**

+49 (0)6762 963 622 99

Breeding, Puppies & Young Dogs

Profertil®

Promotes fertility

Feed supplement for dogs

PerNaturam Profertil® contains important plant concentrates that are beneficial for fertility – in particular gamma oryzanol from rice germ.

Profertil® · Feeding recommendation: daily			
≤ 5 kg	15 kg	30 kg	≥ 40 kg
2 x 	4 x 	5 x 	6 x 
For female dogs, give Profertil 3 to 4 weeks before she is in season until ovulation. Stud dogs should be given the same dosage at least three times a week.			

Phytormon

Harmonising the hormonal system

Feed supplement for dogs

The regulating effect of monk's pepper, supplemented with other calming herbs, helps male and female dogs with hormonal imbalances to feel calm and serene.

Composition

Monk's pepper concentrate (*Vitex agnus-castus*), Siberian ginseng, passion flower, hops, verbena, moringa.

Analytical constituents:

Crude protein 11.7%, crude fat 2.3%, crude fibre 18.8%, crude ash 7.5%.

Minerals: Calcium 1.6%, phosphorous 0.21%, sodium 0.07%.



Size	Item no.
100 g	305009
250 g	305010

Phytormon · Feeding recommendation: daily			
≤ 5 kg	15 kg	30 kg	≥ 40 kg
	2 x 	3 x 	4 x 
Give Phytormon to your dog for 2 months after her season begins. Stud dogs should be given the same dosage at least three times a week.			

Composition

Siberian ginseng, rice germ (gamma oryzanol), brewer's yeast, rosehip, active herbal ingredients from ginkgo, vine leaves, pagoda tree and glutathione yeast.

Analytical constituents:

Crude protein 15%, fat content 7.5%, crude fibre 21.4%, crude ash 8%.

Minerals: Calcium 1.58%, phosphorous 0.79%, sodium 0.01%.



Size	Item no.
100 g	305001
250 g	305002



Natalen

Herbal blend for birthing

Feed supplement for dogs

The last stage of gestation and the birth itself make extremely high-performance demands on the female dog. Natalen from PerNaturam is a herbal blend that improves blood flow to the internal organs, is relaxing and eases the birthing process. Combined with ProNatal, it is ideal for providing the increased levels of nutrients and vital substances required during pregnancy and rearing.



Natalen · Feeding recommendation: daily			
≤ 5 kg	15 kg	30 kg	≥ 40 kg
			2 x 
Start feeding 4 weeks before the due date. Natalen is recommended for up to two weeks after giving birth.			

Composition

Raspberry leaves, yarrow, lady's mantle, agrimony, hawthorn.

Analytical constituents: Crude protein 11.1%, fat content 3.6%, crude fibre 21.1%, crude ash 6.9%.

Minerals: Calcium 1.16%, phosphorous 0.18%, sodium 0.01%.

Size	Item no.
300 g	305003
900 g	305004



LipoMarin

Fine fish fat for performance, breeding, skin and coat

Feed material for dogs

PerNaturam LipoMarin is an easily digestible fatty food made of hardened fine fish fat that dogs find appealing. LipoMarin does not contain any trans fatty acids, it consists exclusively of saturated fatty acids. The fatty acids contained in LipoMarin are important for skin metabolism and for building up energy reserves. LipoMarin is particularly important for expectant females, during lactation, for puppies and young dogs, dogs sensitive to cold and performance dogs. Dogs that are fussy eaters gain weight and get into better shape with LipoMarin.



Composition

100% hardened fish fat.

Feeding recommendation:

See page 21.

Analytical constituents: Fat content 99.5%.

Size	Item no.
250 g	310020
500 g	310021
1 kg	310022

Breeding, Puppies & Young Dogs

ProNatal

Perfect supplement for all breeding dogs

Feed supplement for dogs

ProNatal provides pregnant or nursing dogs, foetuses and puppies with all the necessary nutrients and vital substances. Optimise the daily feed with ProNatal and the naturally contained substances choline, methionine, biotin, selenium, vitamin K and omega 3 and 6 fatty acids.

Composition

Sunflower lecithin (GMO-free), brewer's yeast, seaweed, flower pollen, bone meal, spirulina, whole egg and whey powder, sapucaia nut, rosehips, cod liver oil.

Analytical constituents: Crude protein 19%, fat content 17%, crude fibre 4.4%, crude ash 15.6%.

Minerals: Calcium 1.64%, phosphorous 0.99%, sodium 0.51%.



ProNatal · Feeding recommendation: daily			
≤ 5 kg	15 kg	30 kg	≥ 40 kg
			2 x 

ProNatal is to be added to the basic feed daily, from when the dog is in season through to weaning puppies. With large litters, the quantity can be doubled in line with the growth of the puppies until weaning.

		12 g	
Nutritional additives			
per kg: 1,000 I.U. vitamin D3, 0.6 g folic acid, 0.4 g vitamin B12 (cyanocobalamin).	Size	250 g	Item no. 305005
		500 g	305006
Technological additive per kg:		1 kg	305007
100 g silica, precipitated/E551.		2.5 kg	305008

Kolsal®-Kolostrum-Extrakt (colostrum extract)

Activates immune defence

Feed material for dogs

Kolsal® colostrum extract from PerNaturam is the best product you can give for supporting the immune system. It contains antibodies (immunoglobulins) to protect against illnesses, growth factors for cell formation, lactoferrin and transferrin, all amino acids and vitamins. It is used before and after operations and vaccinations and to increase strength and performance. Puppies that do not get enough mother's milk nearly always survive when given this product and go on to develop well. For this reason, it should always be added to puppy milk. It is made from the colostrum milk of cows reared in controlled organic conditions. Dairy cows produce more colostrum than the calves can drink. It is only this excess that is used.

Composition

Highly purified colostrum from the first milk of cows after the birth of a calf. No preservatives.



Size	Item no.
125 ml	312001
125 ml	350002
3 x 125 ml	350003

Analytical constituents:

Crude protein 5.1%, fat content 0.1%, crude fibre 1%, crude ash 0.79%, moisture 90.1%.

Minerals: Calcium 0.09%, phosphorous 0.09%, sodium 0.06%.

Kolsal® colostrum extract · Feeding recommendation			
≤ 5 kg	15 kg	30 kg	≥ 40 kg
½ teaspoon	1 teaspoon	2 teaspoons	1 tablespoon

Add it to puppy milk several times a day straight after a puppy is born or give as a supplement to mother's milk. It cannot be overdosed. Once opened, use within 1 week. Always keep refrigerated or freeze in disposable syringes!

Perna Junior

For joints and connective tissue in young dogs

Feed supplement for dogs

This supports joint function in young dogs and strengthens their connective tissue.

Perna Junior contains high-quality, high-dose concentrate (60%) from the green-lipped mussel, with gelatine, rosehips and omega-3 fatty acids. This is the perfect combination for forming joint cartilage, tendons and ligaments and strengthening joints and connective tissue.

Composition

60% freeze-dried concentrate from the green-lipped mussel (*Perna canaliculus*) with added gelatine, rosehips and cod liver oil concentrate with vitamin D and omega-3 fatty acids.

Size	Item no.
100 g	304001
250 g	304002
500 g	304007
1 kg	304008

Feeding recommendation

See page 56.

Analytical constituents:

Crude protein 55.2%, fat content 8.6%, crude fibre 3.1%, crude ash 9.5%.

Minerals: Calcium 0.37%, phosphorous 0.45%, sodium 1.28%.



Komplement® Junior

Supply of nutrients and vital substances for puppies and young dogs

Feed supplement for dogs

Puppies and young dogs need special care for their growth and skeletal structure. Relative to their body weight, they eat up to four times as much as an adult dog. Komplement® Junior supplements this increased need for essential substances, minerals and trace elements. We only use natural resources. It is particularly important to add Komplement® Junior to all self-prepared meals such as those made using tins of pure meat and fresh meat.

Combine Komplement® Junior with PerNaturam's 30 Kräutergarten and Bauerngarten herbs, essential oils and meat and bone meal.

Composition

Sunflower lecithin (GMO-free), spirulina (chlorophyll, magnesium), brewer's yeast (total vitamin B complex), ground flower pollen (all amino acids), seaweed powder (minerals and trace elements), moringa leaf powder, algae calcium, quinoa sprouts, agrimony, rosehip peel (vitamins C + K and beta-carotene). Mangrove algae (vitamin D, omega-3 fatty acids), concentrates of Brazil nuts (selenium). All substances are of natural origin.

Size	Item no.
150 g	308013
250 g	308014
500 g	308015
1 kg	308016
2.5 kg	308017



Feeding recommendation

Small breeds up to 10 kg receive the following, relative to their weight:

4 kg = 8 g, 7 kg = 11 g. Medium-size breeds up to 25 kg receive the following, relative to their weight: 6 kg = 12 g, 10 kg = 17 g, 18 kg = 20 g.

Medium-size breeds up to 50 kg receive the following, relative to their weight: 10 kg = 20 g, 25 kg = 30 g, 40 kg = 35 g. The small scoop holds 2 g, the big scoop 12 g.

Please supplement the calcium supply by adding: 1.5 g of meat and bone meal per kilo of body weight per day up to the sixth month; 1 g of meat and bone meal per day from 6 months to 1 year; 0.3 g of meat and bone meal per day for adult dogs – please reduce if feeding bone.

Analytical constituents: Crude protein 21.2%, fat content 16.6%, crude fibre 5.3%, crude ash 18.4%.

Minerals: Calcium 2.44%, phosphorous 0.85%, sodium 0.39%, iodine 9.11 mg/kg.

Technological additives per kg: 120 g silica, precipitated.

Intestinal flora plays a vital role



The intestinal mucosa ...

... is densely populated by over 100 trillion bacteria defending their home against unwelcome germs. Certain yeasts, protozoans and worms keep them company, and all of them have their place in the gut, but the balance must be right.

The complex and dynamic bacterial ecosystem in the intestine establishes itself within the first years of life. The colonisation density in the intestine is initially low and rises steadily with increasing age. During the birthing process and shortly afterwards, the first bacteria start colonising the previously sterile digestive tract. In children, dogs, cats and horses born naturally, colonisation begins during birth. The first microorganisms to be identified are *Escherichia coli*, enterobacteria and streptococci. Children born by Caesarean section initially receive unnatural intestinal flora corresponding with the maternal skin flora. It is possible to tell whether a child or puppy has been nursed or bottle fed by their intestinal flora. In alternative

clinics today, vaginal flora and the amniotic sac are applied to Caesarean babies in order to counter their higher risk of developing allergies, asthma and neurodermatitis. We have been recommending this for dogs for several years now; experienced breeders instinctively do this even during natural births in order to improve and accelerate the colonisation of the intestines. Various laboratory experiments have been carried out with 'germ-free' mice and rats. In these animals, the intestinal flora is removed antibioticly, and then they are supplied with nutrient solutions.

Without intestinal flora, these animals are extremely susceptible to stress, immunodeficient and display seriously disturbed social behaviour.

Protect your young animals from antibiotics, cortisone and excessive worming.

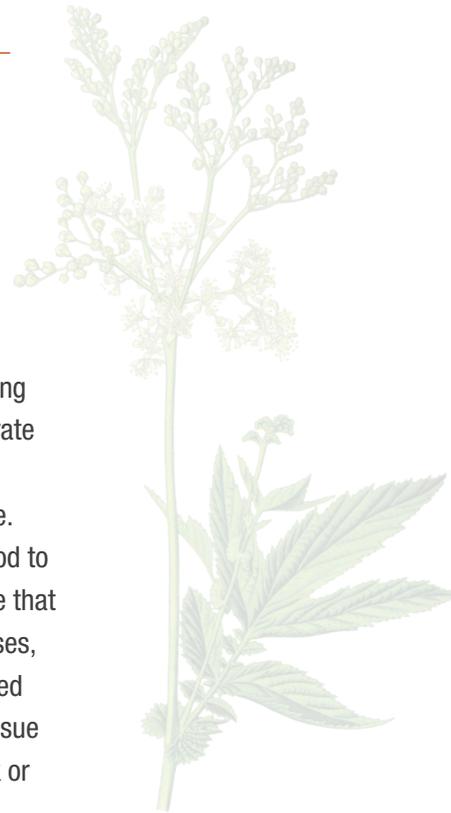
Like all living beings, your dog must learn to live with germs; this trains its immune system and boosts its health.

Never let old friends down ...

... you can take loving care of them and relieve their aches and pains. It is often hard to believe how much more energetic older dogs become and how well they can move again if they get the right food supplements.

Old age is not a disease! Every dog is exposed to normal wear and tear and the ageing process in the course of its life. However, there are unfavourable factors that accelerate ageing, strain the metabolism and slow down natural regeneration. These include environmental toxins, an unbalanced diet, frequent medication and a lack of exercise. It is perfectly normal for older dogs to move more slowly and not as much. Adjust food to the reduced energy requirement – old dogs do not have to be overweight. Make sure that your dog drinks enough, because water deficiency slows down all metabolic processes, kidney stones can form, cells dry out, and the ageing process speeds up. A diminished elimination of toxins causes them to accumulate in joints, vessels and connective tissue and cause numerous complaints. If your dog only drinks moderately, add meat stock or a little quark or buttermilk to drinks.

It is important for older dogs to have regular detoxification treatments. Circulation should also be supported and, if necessary, the musculoskeletal system. Dogs will not only live longer, but also have a better quality of life. Please read the sections Elimination starting on page 40, Heart & Kidneys starting on page 44 and Tendons, Ligaments & Joints starting on page 55.



Hämophyll

For improving blood formation and revitalising cells

Feed supplement for dogs

This product is for all dogs, but especially for performance dogs and those with anaemia. Hämophyll promotes the formation of red blood cells, improves blood flow and thus the supply of muscles. Chlorella provides the magnesium necessary for the coordination of muscles.



Composition

Haemoglobin, chlorella, willow bark, meadowsweet.

Hämophyll · Feeding recommendation: daily			
≤ 5 kg	15 kg	30 kg	≥ 40 kg
		3 x 	4 x 

Analytical constituents: Crude protein 61.1%, fat content 1.5%, crude fibre 5.1%, crude ash 13%.

Minerals: Calcium 0.5%, phosphorous 0.31%, sodium 0.36%, 1.8% natural iron content.

Technological additive per kg: 100 g bentonite montmorillonite.

Size **Item no.**
500 g 311001



Rennergie

Improves performance and stamina

Feed supplement for dogs

Rennergie ensures more power and stamina: it is a product for all performance dogs, but also for older dogs in certain circumstances. Rennergie promotes muscle development, improves the availability of energy and optimises the supply to and detoxification of muscle cells. In combination with intensive training, dogs become more motivated to perform and display more stamina. Sprinters can deliver outstanding performances.

Composition

Rice germ, Siberian ginseng, spirulina, haemoglobin, meadowsweet, creatine.

Analytical constituents: Crude protein 33.1%, fat content 10%, crude fibre 12.5%, crude ash 10.8%.

Minerals: Calcium 0.62%, phosphorous 1.03%, sodium 0.15%.

Nutritional additives per kg:

L-carnitine 2.5 g.

Size **Item no.**
250 g 311011
500 g 311012



Rennergie · Feeding recommendation			
≤ 5 kg	15 kg	30 kg	≥ 40 kg
2 x 	2 x 	3 x 	4 - 5 x 
Every other day or when top performance is required, every day.			

Bio-Curcuma-Myrrhe-Öl (organic turmeric and myrrh oil)

For stabilising the intestine and supporting metabolism

Feed supplement for dogs

Turmeric extracts in rapeseed and sesame oil have a stabilising effect on the intestines and improve metabolism. The high antioxidant capacity reduces damage to joints and tissues caused by free radicals. Turmeric and myrrh oil protects the mucous membranes, black pepper improves the absorption of curcumin.



Composition

Rapeseed oil, sesame oil, turmeric (5%), myrrh (1%), black pepper.

Feeding recommendation

See page 57.

Analytical constituents:

Crude protein 0.3%, fat content 99%, crude fibre 1%, crude ash 0%.

Minerals: Calcium 0.01%, phosphorous 0.01%, sodium 0.01%.

Size **Item no.**
50 ml 302026
100 ml 302027
250 ml 302028

Kolsal®-Vital-Kapseln (capsules)

Vitality and performance

Feed material for dogs

For performance dogs before and after competitions and shows, to support weaker dogs and to revitalise ageing dogs. Kolsal® Vital capsules contain freeze-dried Kolsal® colostrum extract. This particularly gentle freeze-drying process preserves all the valuable ingredients.



Kolsal® Vital capsules

Size **Item no.**
50 capsules 312002
100 capsules 312003
250 capsules 312004

Kolsal® Herbal

For the immune system and blood formation

Feed supplement for dogs

Kolsal® Herbal combines the stimulating effect of Kolsal® colostrum with valuable active herbal ingredients traditionally used to strengthen the immune system – Siberian ginseng, ginger, purple coneflower and ginkgo. Kolsal® Herbal is especially important for dogs that tend to have digestive

problems during periods of stress, e.g. when having vaccinations or surgical procedures, and when great performance is required.

Kolsal® Herbal

Size **Item no.**
100 g 312007
200 g 312008



You can also find our Kolsal® product in liquid form on page 68: Kolsal®-Kolostrum-Extrakt (colostrum extract). Detailed information on these three products can also be found on page 48.

Seniors

AceroDog C

Covers vitamin C requirements

Feed supplement for dogs

The acerola cherry has a particularly high vitamin C content, and liver also contains very high levels. Although dogs can produce their own vitamin C, this is often inadequate and can result in damage to gums and teeth. Feed your dog AceroDog C in cases of damaged mucous membranes, metabolic problems or skin problems.



Size **Item no.**
100 g 312014

Composition

Acerola concentrate, liver powder (from pork)
Natural vitamin C content: 129,000 mg/kg.

Analytical constituents: Crude protein 23.1%, fat content 4.3%, crude fibre 1%, crude ash 3.4%.

Minerals: Calcium 0.08%, phosphorous 0.33%, sodium 0.07%.



AceroDog C · Feeding recommendation: daily			
≤ 5 kg	15 kg	30 kg	≥ 40 kg
			2 x

Perna Senior

Strengthens joints and connective tissue in ageing dogs

Feed supplement for dogs

Perna Senior contains a particularly high 55% dose of the mussel extract. The extract is combined with herbs that are traditionally used for joints and therefore mobility. If your dog has no issues in these areas yet, be glad – but take preventive measures now!

Composition

55% concentrate from the green-lipped mussel (*Perna canaliculus*) with added rosehips, African devil's claw (*Harpagophytum*), meadowsweet and frankincense.

Analytical constituents:

Crude protein 36.4%, fat content 7.6%, crude fibre 7.5%, crude ash 9.9%.

Minerals: Calcium 0.72%, phosphorous 0.52%, sodium 0.86%.



Size **Item no.**
100 g 304003
250 g 304004
500 g 304005
1 kg 304006



Perna Senior · Feeding recommendation: daily			
≤ 5 kg	15 kg	30 kg	≥ 40 kg
	2 x	4 x	6 x
In the first 5 to 10 days the amount can be doubled, depending on your dog's condition.			

Bio-CrataeDog (organic)

For the heart and circulation

Feed supplement for dogs



Further detailed information can be found on page 45.

Weihrauch Kapseln (frankincense capsules)

Boswellia serrata

Soothes irritated mucous membranes and improves mobility

Feed material for dogs

Frankincense resin is a dried granular resin that was already in use in Ancient Egypt as an aromatic, disinfecting and anti-inflammatory agent. Frankincense helps with joint problems, allergic reactions and dust allergies. It soothes the mucous membranes in the stomach and intestine.



Composition

Capsules are cellulose. Each capsule contains 400 mg concentrate of frankincense (*Boswellia serrata*) with 85% boswellic acids.

Analytical constituents: Crude protein 21.5%, fat content 53.5%, crude fibre 1%, crude ash 2.8%.

Minerals: Calcium 0.01%, phosphorous 0.01%, sodium 0.93%.

Size **Item no.**
50 capsules 304013
100 capsules 304014

Frankincense capsules · Feeding recommendation: daily			
≤ 5 kg	15 kg	30 kg	≥ 40 kg
	1 1/2	3	4

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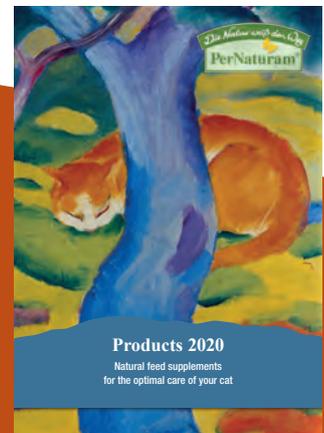
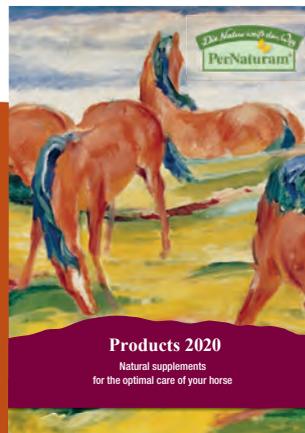


PerNaturam is more than the sum of its excellent products!



Franz Marc (1880-1916) developed his own view of the world. He is the most important representative of German Expressionism. With co-founder Wassily Kandinsky, he established the artists group known as the Blue Rider (*Blauer Reiter*). Franz Marc was fascinated by animals and spent a lot of time studying and observing them. His studies of horses, for example, were created in paddocks. His pet portraits evoke a relaxed, familiar environment. He studied colour impressions, light reflections and rhythms. His paintings of animals are not simplistic, but refined compositions that express the situation and mood. The lines and shapes allow the viewer to be drawn into the picture and through the landscape. Franz Marc was a great artist who embodied a new kind of visual perception and whose vision can still teach us a lot today.

Are you familiar with our horse and cat products?



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Price list 2020 · Products for dogs

A			
Item no.	Product name	Unit	Price*
310003	Ägy. Schwarzkümmel-Öl (Egyptian black cumin oil)	250 ml	€24.00
310008	Ägy. Schwarzkümmel-Öl (Egyptian black cumin oil)	500 ml	€39.00
312014	Acero Dog C	100 g	€19.50
301003	Aerob-Öl (oil)	25 ml	€16.00
301004	Aerob-Öl (oil)	50 ml	€29.00
301006	Aerob-Spray (spray)	100 ml	€11.50
301005	Aerob-Spray (spray)	250 ml	€19.70
306001	AkaFree	500 ml	€19.90
350005	AkaFree (set of three)	3 x 500 ml	€49.90
306003	AkaFree (canister) + 1 empty bottle	2,5 l	€69.00
302020	Algentrio (algae tablets)	150 tablets	€26.00
	Algentrio (algae tablets) scaled price from	2x150 tablets	€23.40
203012	Aloe vera-Spray (Aloe vera spray)	200 ml	€18.50
302019	Artemis	100 ml	€29.50
303019	Ascodent Plus	50 g	€14.00
303020	Ascodent Plus	100 g	€24.90
350040	Ausleitungspaket (detoxification pack) Consisting of - 100 g Hepatika - 250 g Nieren-Kräuter (kidney herbs) - 200 g Spirella - 250 g Purificar	Pack	€67.00
B			
309003	Bauerngarten Rot, grob (farmer's garden red, coarse) (2 mm cubes)	500 g	€12.90
309004	Bauerngarten Rot, grob (farmer's garden red, coarse) (2 mm cubes)	1 kg	€22.00
309022	Bauerngarten Rot, grob (farmer's garden red, coarse) (2 mm cubes)	3 kg	€55.00
309028	Bauerngarten Rot, fein (farmer's garden red, fine)	150 g	€5.90
309020	Bauerngarten Rot, fein (farmer's garden red, fine)	500 g	€12.90
309021	Bauerngarten Rot, fein (farmer's garden red, fine)	1 kg	€22.00
309023	Bauerngarten Rot, fein (farmer's garden red, fine)	3 kg	€55.00
309033	Bauerngarten Grün, fein (farmer's garden green, fine) (no red pigments)	150 g	€5.90
309025	Bauerngarten Grün, fein (farmer's garden green, fine) (no red pigments)	500 g	€12.90
309026	Bauerngarten Grün, fein (farmer's garden green, fine) (no red pigments)	1 kg	€22.00
309029	Bauerngarten Grün, fein (farmer's garden green, fine) (no red pigments)	3 kg	€55.00
313006	Reine Bierhefe (pure brewer's yeast)	500 g	€9.70
313007	Reine Bierhefe (pure brewer's yeast)	1 kg	€16.50
C			
303003	Cornett + H	250 g	€16.00
303004	Cornett + H	500 g	€27.00
303005	Cornett + H	1 kg	€43.00
314010	Bio-CrataeDog (organic)	50 ml	€7.90
314011	Bio-CrataeDog (organic)	100 ml	€11.00

C (continued)			
Item no.	Product name	Unit	Price*
302026	Bio-Curcuma-Myrrhe-Öl (organic turmeric and myrrh oil)	50 ml	€11.00
302027	Bio-Curcuma-Myrrhe-Öl (organic turmeric and myrrh oil)	100 ml	€19.50
302028	Bio-Curcuma-Myrrhe-Öl (organic turmeric and myrrh oil)	250 ml	€39.00
CuraCanis Schonkost-Dosen (tins of light food):			
350046	CuraCanis Herz Schonkost (light food for the heart)	6 x 400 g	€21.60
350047	CuraCanis Leber Schonkost (light food for the heart)	6 x 400 g	€21.60
350048	CuraCanis Niere Schonkost (light food for the kidneys)	6 x 400 g	€21.60
D			
302024	Dezidum® Dog	300 g	€9.50
302005	Digestiv	100 g	€12.00
302006	Digestiv	250 g	€19.00
302007	Digestiv	500 g	€34.00
310025	Dorsch-Lebertran (cod liver oil)	100 ml	€6.50
E			
312015	Bio-EchinaDog (organic)	50 ml	€7.90
312016	Bio-EchinaDog (organic)	100 ml	€11.00
302003	Enterogan	100 g	€17.50
302004	Enterogan	250 g	€35.00
311020	Epi-Dog	50 g	€15.00
311021	Epi-Dog	100 g	€27.00
311022	Epi-Dog	250 g	€59.00
301007	Bio-Expectorant (organic)	50 ml	€7.90
301008	Bio-Expectorant (organic)	100 ml	€11.00
F			
308005	Fleischknochenmehl (meat and bone meal)	500 g	€10.00
308006	Fleischknochenmehl (meat and bone meal)	1 kg	€16.00
308007	Fleischknochenmehl (meat and bone meal)	2.5 kg	€30.00
308026	Fleischknochenmehl Hirsch pur (meat and bone meal from venison)	500 g	€12.50
308027	Fleischknochenmehl Hirsch pur (meat and bone meal from venison)	1 kg	€20.00
308028	Fleischknochenmehl Hirsch pur (meat and bone meal from venison)	2.5 kg	€35.00
308029	Fleischknochenmehl Rind pur (meat and bone meal from beef)	500 g	€12.50
308030	Fleischknochenmehl Rind pur (meat and bone meal from beef)	1 kg	€20.00
308031	Fleischknochenmehl Rind pur (meat and bone meal from beef)	2.5 kg	€35.00
G			
302001	Garon® forte	100 g	€17.50
302002	Garon® forte	250 g	€35.00
350020	Basic care pack "Basis" Consisting of 250 g Komplement 300 g 30 Kräutergarten (herb garden) 500 g Bauerngarten Rot, grob (farmer's garden red, coarse) 250 ml Lachs-Öl (salmon oil) 500 g Fleischknochenmehl Rind pur (meat and bone meal from beef)	Pack	€59.00

G (continued)

Item no.	Product name	Unit	Price*
350041	Basic care pack "Junior" Consisting of 250 g Komplement Junior 500 g Bauerngarten fein (farmer's garden, fine) 300 g 30 Kräutergarten (herb garden), 500 g Fleischknochenmehl Rind pur (meat and bone meal from beef), 250 ml Lachs-Öl (salmon oil)	Pack	€62.00

H

311001	Hämophyll	500 g	€29.50
309009	Hagebuttenpulver (rosehip powder)	250 g	€7.50
309030	Hagebuttenpulver (rosehip powder)	500 g	€12.50
310002	Hanf-Öl (hemp oil)	250 ml	€13.90
310006	Hanf-Öl (hemp oil)	500 ml	€19.90
310011	Hanf-Öl (hemp oil)	1 l	€33.90
302008	Hepatika	100 g	€27.00
302009	Hepatika	250 g	€55.00
314001	Herz-Multikomplex (heart multi-complex)	100 g	€18.50
314002	Herz-Multikomplex (heart multi-complex)	250 g	€37.00

I

500017	Imker Balsam (beekeeper's balm)	60 ml	€10.00
500035	Imker Balsam (beekeeper's balm)	250 ml	€21.00

K

309027	30 Kräutergarten (herb garden)	150 g	€7.90
309001	30 Kräutergarten (herb garden)	300 g	€14.00
309002	30 Kräutergarten (herb garden)	900 g	€29.90
309024	30 Kräutergarten (herb garden)	3 kg	€84.50
311017	Kaldera Spirulina (caldera spirulina)	100 g	€14.00
311018	Kaldera Spirulina (caldera spirulina)	250 g	€29.00
311019	Kaldera Spirulina (caldera spirulina)	600 g	€59.00
309013	Knoblauchgranulat (garlic granules)	1 kg	€11.50
500001	Kolloidales Silberwasser (colloidal silver water) 50 ppm	100 ml	€14.00
500002	Kolloidales Silberwasser (colloidal silver water) 50 ppm	250 ml	€24.90
500013	Kolloidales Silberwasser-Spray (colloidal silver water spray)	100 ml	€16.00
312007	Kolsal® Herbal	100 g	€22.00
312008	Kolsal® Herbal	200 g	€37.00
312001	Kolsal®-Kolostrum-Extrakt (colostrum extract)	125 ml	€30.00
	Kolsal®-Kolostrum-Extrakt (colostrum extract) scaled price from	3 x 125 ml	€27.00
312002	Kolsal®-Vital-Kapseln (capsules)	50 capsules	€30.00
312003	Kolsal®-Vital-Kapseln (capsules)	100 capsules	€55.00
312004	Kolsal®-Vital-Kapseln (capsules)	250 capsules	€124.00
308008	Komplement® Basis	150 g	€9.90
308001	Komplement® Basis	250 g	€16.00
308002	Komplement® Basis	500 g	€27.00
308003	Komplement® Basis	1 kg	€45.50
308004	Komplement® Basis	2.5 kg	€92.00
308013	Komplement® Junior	150 g	€12.50
308014	Komplement® Junior	250 g	€19.00
308015	Komplement® Junior	500 g	€29.50
308016	Komplement® Junior	1 kg	€47.50
308017	Komplement® Junior	25 kg	€93.00
308009	Komplement® L-M (for struvite stones)	250 g	€19.00
308010	Komplement® L-M (for struvite stones)	500 g	€29.50
308011	Komplement® L-M (for struvite stones)	1 kg	€47.50

K (continued)

Item no.	Product name	Unit	Price*
308018	Komplement® Sensitiv	150 g	€12.50
308019	Komplement® Sensitiv	250 g	€19.00
308020	Komplement® Sensitiv	500 g	€29.50
308021	Komplement® Sensitiv	1 kg	€47.50
308022	Komplement® Sensitiv	2.5 kg	€93.00
302022	KoProStop	100 g	€24.00
302023	KoProStop	250 g	€54.00
310023	Bio-Koriander-Propolis-Öl (organic coriander and propolis oil)	50 ml	€11.00
310024	Bio-Koriander-Propolis-Öl (organic coriander and propolis oil)	100 ml	€19.50
306005	Kräuterbalsam (herb balm)	100 ml	€10.00



L

310001	Lachs-Öl (salmon oil)	250 ml	€13.90
310005	Lachs-Öl (salmon oil)	500 ml	€19.90
310010	Lachs-Öl (salmon oil)	1 l	€33.90
313001	Lecithin mit Kieselerde (lecithin with silica)	500 g	€11.00
313002	Lecithin mit Kieselerde (lecithin with silica)	1 kg	€19.50
301001	Lichmet	100 ml	€12.50
301002	Lichmet	250 ml	€19.50
310020	LipoMarin	250 g	€10.00
310021	LipoMarin	500 g	€16.00
310022	LipoMarin	1 kg	€26.00
308023	Lithothamnium Algenkalk (algae calcium)	250 g	€7.50
308024	Lithothamnium Algenkalk (algae calcium)	500 g	€12.50
308025	Lithothamnium Algenkalk (algae calcium)	1 kg	€19.50
302025	Bio-Löwenzahnsaft (organic dandelion juice)	100 ml	€6.00
302018	Bio-Löwenzahnsaft (organic dandelion juice)	250 ml	€14.00



M

309014	Möhregranulat (carrot granules)	500 g	€9.50
309015	Möhregranulat (carrot granules)	2.5 kg	€30.00
203011	Myrrhe-Propolis-Spray (myrrh and propolis spray)	100 ml	€29.50
500007	Myrrhe-Propolis-Tropfen (myrrh and propolis spray)	50 ml	€19.50

N

303017	Nachtkerzenöl-Kapseln (evening primrose oil capsules)	100 capsules	€19.50
303018	Nachtkerzenöl-Kapseln (evening primrose oil capsules)	200 capsules	€35.00
305003	Natalen	300 g	€18.50
	Natalen scaled price from	3 x 300 g	€16.65
302013	Nieren-Kräuter (kidney herbs)	250 g	€12.00

P

307006	Pankreatin P	100 g	€23.00
307007	Pankreatin P	250 g	€45.00
302010	Pankrema	100 g	€22.00
302011	Pankrema	250 g	€44.00
302012	Pankrema	500 g	€74.50
304009	Perna Adult	100 g	€16.50
304010	Perna Adult	250 g	€34.50
304011	Perna Adult	500 g	€60.00
304012	Perna Adult	1 kg	€105.00
304001	Perna Junior	100 g	€16.50
304002	Perna Junior	250 g	€34.50

P (continued)

Item no.	Product name	Unit	Price*
304007	Perna Junior	500 g	€60.00
304008	Perna Junior	1 kg	€105.00
304003	Perna Senior	100 g	€16.50
304004	Perna Senior	250 g	€34.50
304005	Perna Senior	500 g	€60.00
304006	Perna Senior	1 kg	€105.00
306006	Pfötchencreme (paw cream)	100 ml	€10.00
305009	Phytormon	100 g	€14.00
305010	Phytormon	250 g	€28.00
303014	Pigmentan	250 g	€20.00
303013	Pigmentan	500 g	€34.00
350032	Trial pack Consisting of 150 g Komplement, 100 g 30 Kräutergarten (herb garden), 100 g Bauerngarten fein (farmer's garden, fine), 1 x Reinfleisch-Dose Rind komplett (tin of pure beef) 400 g and a selection of guides	Pack	€22.00
305001	Profertil®	100 g	€27.00
305002	Profertil®	250 g	€54.00
305005	ProNatal	250 g	€17.50
305006	ProNatal	500 g	€30.00
305007	ProNatal	1 kg	€51.00
	ProNatal scaled priced from	3 x 1 kg	€45.90
306009	Propolis-Ringelblumen-Balsam (propolis and marigold balm)	100 ml	€10.00
307004	Purificar	100 g	€8.50
307005	Purificar	250 g	€15.90
R			
312010	Regenerat	100 g	€17.50
312011	Regenerat	250 g	€35.00
Reinfleisch-Dosen (tins of pure meat):			
320509	Geflügel pur (poultry)	400 g	€2.95
350033	Geflügel pur (poultry)	6 x 400 g	€16.00
320503	Herz, Blut, Innereien vom Rind (heart, blood & offal from beef)	400 g	€2.95
350038	Herz, Blut, Innereien vom Rind (heart, blood & offal from beef)	6 x 400 g	€16.00
320504	Lamm komplett (lamb)	400 g	€2.95
350042	Lamm komplett (lamb)	6 x 400 g	€16.00
320501	Rind komplett (beef)	400 g	€2.95
350036	Rind komplett (beef)	6 x 400 g	€16.00
320507	Rind komplett Fein (beef, fine)	400 g	€2.95
350029	Rind komplett Fein (beef, fine)	6 x 400 g	€16.00
320508	Schwein komplett (pork)	400 g	€2.95
350035	Schwein komplett (pork)	6 x 400 g	€16.00
320506	Wild-Mix komplett (game)	400 g	€2.95
350034	Wild-Mix komplett (game)	6 x 400 g	€16.00
350039	Reinfleisch-Dosen gemischt (mixed tins of pure meat) Consisting of 1 x Rind Komplett (beef), 1 x Rind-Herz, Blut, Innereien (heart, blood & offal from beef), 1 x Schwein Komplett (pork), 1 x Wild Komplett, 1 x Lamm Komplett, 1 x Geflügel pur	6 x 400 g	€16.00
350043	Reinfleisch-Dosen gemischt ohne Rind (mixed tins of pure meat, no beef) Consisting of 1 x Schwein Komplett (pork), 2 x Wild Komplett (game), 1 x Lamm Komplett (lamb), 2 x Geflügel pur (poultry)	6 x 400 g	€16.00
350044	Reinfleisch-Dosen gemischt nur Rind (mixed tins of pure meat, only beef) Consisting of 3 x Rind komplett (beef) 3 x Herz, Blut, Innereien (heart, blood & offal from beef)	6 x 400 g	€16.00
310009	Reiskeim-Öl (rice germ oil)	250 ml	€13.90

S

Item no.	Product name	Unit	Price*
310007	Reiskeim-Öl (rice germ oil)	500 ml	€19.90
311011	Rennergie	250 g	€26.00
311012	Rennergie	500 g	€44.00
	Rennergie scaled price from	3 x 500 g	€39.60
314006	Roter Pointer (red pointer)	100 g	€22.00
314007	Roter Pointer (red pointer)	250 g	€44.00
313003	Seealgenmehl (seaweed powder)	500 g	€9.00
313004	Seealgenmehl (seaweed powder)	1 kg	€15.00
500001	Silberwasser 50 ppm, Kolloidales (silver water spray, colloidal)	100 ml	€14.00
500002	Silberwasser 50 ppm, Kolloidales (silver water, colloidal)	250 ml	€24.90
500013	Silberwasser-Spray 50 ppm, Kolloidales (silver water spray, colloidal)	100 ml	€16.00
303007	Silky Coat®	100 ml	€9.50
303008	Silky Coat®	250 ml	€16.00
303009	Silky Coat®	500 ml	€28.00
303011	Silky Coat®	1 l	€49.90
303012	Silky Tabs	100 tablets	€17.00
313012	Spirella Mikroalgen-Mix (microalgae mix)	200 g	€19.00

T

220001	Transformin (odour neutraliser)	1 l	€19.00
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U

314004	Urogenat	100 g	€14.50
314005	Urogenat	250 g	€26.00
302016	Usniotica	50 ml	€17.50
302017	Usniotica	100 ml	€31.00

V

302014	VermExil®	100 g	€12.50
302015	VermExil®	250 g	€25.00

W

304013	Weihrauch-Kapseln (frankincense capsules)	50 capsules	€29.00
304014	Weihrauch-Kapseln (frankincense capsules)	100 capsules	€52.00

Wurst (sausage) range (available from September to April depending on weather conditions)

320002	Blutwurst Schwein (blood sausage, pork)	220 g	€2.00
320001	Blutwurst Schwein (blood sausage, pork)	500 g	€3.50
320012	Fleischwurst Schwein (pork sausage)	220 g	€2.00
320007	Fleischwurst Schwein (pork sausage)	500 g	€3.50
320011	Geflügelwurst Schwein (poultry sausage, pork)	220 g	€2.00
320014	Geflügelwurst Schwein (poultry sausage, pork)	500 g	€3.50
320006	Sehnen-Mark-Knochen Rind (tendon-marrow-bone, beef)	220 g	€2.00
320005	Sehnen-Mark-Knochen Rind (tendon-marrow-bone, beef)	500 g	€3.50
320004	Hunsrücker (sausage)	220 g	€2.00
320009	Hunsrücker (sausage)	500 g	€3.50
320010	Wildwurst (game sausage)	220 g	€2.00
320013	Wildwurst (game sausage)	500 g	€3.50
350045	Small packet of sausages	3 x 220 g	€5.40
350016	Sausage pack	3 x 500 g	€9.90

Z

311016	Zellschutz Anti-Stress (anti-stress cell protection)	100 g	€17.50
311014	Zellschutz Anti-Stress (anti-stress cell protection)	250 g	€35.00
311015	Zellschutz Anti-Stress (anti-stress cell protection)	500 g	€59.00

Price list 2019 · 2020 · Products for dogs



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