

# PERFEXION



**DERBY®**

★ THE FEED MAGAZINE ★

**PACKAGING RELAUNCH  
NEW LOOK, SAME QUALITY**

**DRESSAGE RIDING  
HORSE AND RIDER  
IN UNISON**

**LEA SIEGL  
AUSTRIAN OLYMPIC  
RIDER TRUSTS IN  
DERBY**

**HERBS  
IN HORSE  
FEEDING**

**DERBY**

**DERBY**

# PERFEXION

## CONTENT 1<sup>ST</sup> EDITION



04

### 04 APPROVED QUALITY IN A MODERN LOOK

DERBY presents itself in a new design



06

### 06 DRESSAGE RIDING: OF HAPPINESS AND HARMONY

How horse and rider achieve greater harmony



15

### 15 LEA SIEGL

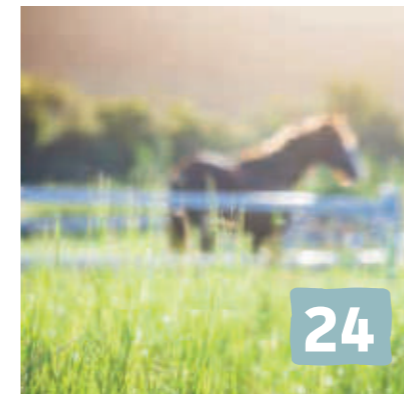
Austrian eventing rider trusts in DERBY



18

### 18 DERBY GETS THROUGH THE STOMACH

The advantages of stomach-friendly gastro products



24

### 24 GRAIN-FREE IS BETTER!? ON THE TRACK OF A TREND...

These are the reasons for grain-free horse feeding



30

### 30 SUPPORT, STRENGTHENING, CARE

Valuable herbs in horse feeding



40

### 34 OLDIE BUT GOLDIE

How old horses remain fit and vital

### 40 HIGH-QUALITY ROUGHAGE - THE BASIS OF HORSE NUTRITION

Expert interview with product manager Ina Wesselmann



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– seit 1968 –

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- seit 1968 -



# DERBY IN A NEW LOOK

The highest quality of our feed is now also reflected in the new outfit - modern, more modern, DERBY®.

Modern look, neat design, specific benefits for the horse at a glance: After more than ten years of traditional packaging, the entire product portfolio now has a new look. The result of the „makeover“: more than 70 articles are presented uniformly in a blue and white look with variety-specific images of horses. The quality promise „Made in Germany“ has been integrated into the design with a stamp. The front of the product label features specific keywords so that horse owners can easily identify which feed is best suited to their horse among the large number of products. Further details can be found on the back of the packaging.

In addition to the most important components of the respective feed and their benefits for the horse, there is also a table with feeding instructions. Depending on the horse's work load and weight, the necessary feeding amounts can be determined. For horse fans from all over the world, the new design also features many different languages on the back of the products.

In addition, the shelf life and hygiene of many products have been improved by the introduction of so-called MAP bags. These bags have the further advantage that every owner can separate paper from plastic already in the barn, thus relieving the burden on recycling centers.

Also, the supplements are packed in new cans. Through the larger opening, the respective product can now be removed more easily. All in all, the packaging has become much more neat and tidy due to the redesign. We hope that you are as enthusiastic about the new design as we are. And it doesn't end with the new design - we created a new feeding magazine, the so-called PERFEXION. In addition to the usual product information, you will also find interesting facts about horses, equestrian sports and feeding.

Of course you can still contact us if you have questions about feeding your horses. We are happy to help you and create an individual feeding plan according to the needs of your horse.

**DERBY® Pferdefutter – EQUOVIS GmbH**  
Industrieweg 110, 48155 Münster



**Daniela Graé,**  
Product manager



## Our energy speedometer

For a better overview we show an energy indicator for each product. At first glance, you can see whether the energy content of the feed matches the needs of your horse.



# WAYS TO HARMONY - HORSE AND RIDER IN UNISON

Riders can develop a harmonious relationship with almost any horse and achieve great results. Respecting the individuality of horses is an important step on this path

Of course, there are horses that always dutifully complete the required tasks, and also those that, despite great tension, move show judges to top marks. But in between, pairs with special charisma impress again and again. Their fine interplay is an expression of deep solidarity - and gives the viewer an idea of the feelings of happiness that riders experience in these moments. It seems as if the human being can steer the horse by his thinking alone and the movement lets both merge into a unity. Harmony is the key to this unison of horse and human. However, the implementation is often easier said than done.

One of the prerequisites for harmonious cooperation is a well-balanced rider who is able to influence his horse correctly, regardless of his seat. He must be able to transfer theoretical knowledge of anatomy and biomechanics to the saddle in order to support his horse in its physical as well as mental development.

Of course, the horse must also be physically able to perform as required. This includes a well-developed musculature. Sufficient essential amino acids, vitamins and minerals provide necessary building blocks, free movement and systematic training provide important training stimuli for muscle development.

However, riding skills are by no means limited to technically correct riding. As in other sports, there is another aspect that comes into focus in equestrian sports: the psychological condition - of both human and animal.

## Harmony – a matter of type?

„A horse is healthy and able to perform when its body and mind are in harmony,“ knows Dr. Ina Gösmeier. The veterinarian has ridden up to Grand Prix herself and is specialized in traditional Chinese medicine. She says, „With a well-trained and contented horse, a rider can quickly harmonize, unless the two characters don't fit together at all.“ But that is rare, she says.

Rather, for a trusting interaction, it is important to recognize the personality of one's horse and to support it physically as well as psychologically. Highly exciting:

Almost every horse can be assigned to one of the five personality types of Traditional Chinese Medicine with its character, social behavior and rideability. However, motivation, relaxation, joy of learning, memory and comprehension when learning riding aids are expressed differently in each type of horse.

Once the rider has familiarized himself with this knowledge, he will be able to face difficult situations with confidence and composure. Suddenly it is possible to distinguish fearfulness from anger or insecurity and to recognize why one horse learns faster than another, why one reacts courageously and fearlessly and another is a little coward. If you understand your horse's character, respect its personality and are prepared to take individual needs into account in training, you are well on the way to harmony.

Text Sabine Heüveldop

Harmony is the key to this unison of horse and human. However, the achievement of this is often easier said than done.



## Dressage rider Maïke Mende about DERBY® DRESSAGE

„Everything about dressage fascinates me. You become one with your horse and can achieve everything as a team. Ease, harmony and partnership are my top priorities. Adapted to my training, I rely on DERBY® Dressage for all my horses. They look great, are ready to perform and all like to eat it. I am completely satisfied.“

Maïke Mende, Winner of DERBY® Dressage Cup



**Ina Wesselmann,**  
Product manager

## TIPS FOR FEEDING A SPORT HORSE SUCCESSFULLY

In addition to a good basic ration consisting of sufficient good hay, it is particularly important when feeding your sports partner to supplement it with a high-quality sports horse feed. The contents of energy, vitamins, minerals and trace elements in the appropriate concentration are precisely tailored to the needs of sport horses. In addition, the ration can be individually supplemented with special feed additives to provide even more targeted support.

**Extra tip:** For energy optimization, the addition of DERBY® Leinöl (linseed oil) has proven successful.



## DERBY® DRESSAGE

Nutrient-rich muesli to promote balanced muscle activity

Particularities:

- + Contains organically bound magnesium for a balanced nervous system
- + Promotes relaxed muscle activity
- + Very high density of nutrients

- ★ PROMOTES MUSCLE BUILD-UP
- ★ FOR NERVOUS HORSES
- ★ HIGH DIGESTIBILITY

### Feeding recommendation:

Quantities in kg/horse/day as sole crib feed in addition to sufficient hay or grass silage

Body weight	Work load		
	Light	Medium	Hard
200 kg	0.3 – 0.5 kg	0.5 – 1.0 kg	1.0 – 1.5 kg
400 kg	0.7 – 1.0 kg	1.0 – 1.7 kg	1.7 – 2.7 kg
600 kg	1.0 – 1.5 kg	1.5 – 2.5 kg	2.5 – 4.0 kg



Available in: 20 kg bag.



Waiting period according to ADMR | none ✓

## DERBY® SPORT-MÜSLI

Energy- and nutrient-rich muesli

Particularities:

- + Optimally adapted to the requirements of high-performance horses
- + Fast energy and nutrient supply
- + Oat-free

- ★ MUSCLE SUPPORT WITH VITAMIN E
- ★ HIGH DEGREE OF DIGESTION
- ★ FOR HIGHEST DEMANDS

### Feeding recommendation:

Quantities in kg/horse/day as sole crib feed in addition to sufficient hay or grass silage

Body weight	Work load	
	Medium	Hard
200 kg	0.7 – 1.0 kg	1.0 – 1.5 kg
400 kg	1.0 – 1.5 kg	1.5 – 2.5 kg
600 kg	1.5 – 2.5 kg	2.5 – 3.5 kg



Available in: 20 kg bag.



Waiting period according to | none ✓



These ingredients make our DERBY® DRESSAGE valuable.

Lucerne

Barley

Linseed

Apple pomace

## DERBY® WINNER PLUS

High-energy sports pellet for high performance and intensive training

Particularities:

- + Especially rich in energy
- + For high performance horses
- + Lecithin optimizes the release of energy and supports the gastrointestinal mucosa

- ★ HIGH CONTENT OF VITAMIN E
- ★ PLUS AMINO ACIDS
- ★ WITH LECITHIN

### Feeding recommendation:

Quantities in kg/horse/day as sole crib feed to sufficient hay or grass silage

Body weight	Work load	
	Medium	Hard
200 kg	0.9 – 1.1 kg	1.1 – 1.4 kg
400 kg	1.9 – 2.8 kg	2.5 – 3.8 kg
600 kg	3.3 – 4.3 kg	4.5 – 5.5 kg



Available in: 25 kg bag and loose.



Waiting period according to ADMR | none ✓

## DERBY® SPORT PLUS

Pelleted concentrate feed for the optimal supply of sport horses

Particularities:

- + Lecithin optimizes the release of energy and supports the gastrointestinal mucosa
- + Increased energy content for all performance horses

- ★ CALMNESS, POWER AND LOOSENESS
- ★ ENSURES PERFORMANCE
- ★ HIGH CONTENT OF VITAMIN E

### Feeding recommendation:

Quantities in kg/horse/day as sole crib feed to sufficient hay or grass silage

Body weight	Work load		
	Light	Medium	Hard
200 kg	0.5 – 0.8 kg	0.8 – 1.0 kg	1.0 – 1.2 kg
400 kg	1.2 – 1.5 kg	1.5 – 2.0 kg	2.0 – 2.5 kg
600 kg	2.0 – 2.5 kg	2.5 – 3.0 kg	3.0 – 4.0 kg



Available in: 25 kg bag and loose.



Waiting period according to ADMR | none ✓

These ingredients make our DERBY® WINNER valuable.



### Frank Ostholt relies on DERBY® Sport Plus

„From youngsters to championship horses, all my horses get DERBY® Sport Plus. The horses are well supplied with it and I can respond individually to the demands of each horse by adjusting the feeding quantity.“  
**Frank Ostholt, Olympic team champion Eventing**



## DERBY® AMINOTOP

Supplementary feed for horses to build up muscles

- + Promotes strength and looseness
- + Only organic amino acid components for good availability
- + Pelleted composition ensures good absorption

- ★ AMINO ACID CONCENTRATE
- ★ SUPPORTS MUSCLE BUILD-UP
- ★ PROMOTES STRENGTH & LOOSENESS

### Feeding recommendation:

Daily amounts in grams/day for the supply with amino acids as a supplement to balanced concentrated feed rations with sufficient roughage

Horses (600 kg)	Ponies (300 kg)	Brood mares (600 kg) in high pregnancy	Brood mares (600 kg) 1st month of lactation
200 g/day	100 g/day	200 g/day	400 g/day

Available in: 5 kg bucket.



Waiting period according to ADMR | none ✓



**Permanently at a maximum performance level**

„I feed my horses DERBY® WINNER PLUS to maintain their high level of performance. The horses look great and are always motivated. Some of my sport horses need that little something ‚extra‘ on top. Then, I like to supplement DERBY® VITAL. The willingness to perform is enormous and the horses obtain the additional energy needed, especially in competition season.“

**Sönke Fallenberg, U25-nation's cup rider**

© Pferdefotografie Laifrenz

# MORE POWER WITH MUSKEL-SUPPORT



★ FÜR DEINE LEIDENSCHAFT ★

– seit 1968 –



Maintaining high performance

Supports muscle build-up

With magnesium, vitamin E and manganese

Relaxed muscles



Waiting period according to ADMR | none

© Leo Lintang - AdobeStock.com

## DERBY® VITAL

Pelleted active ingredient concentrate to promote motivation and muscle build-up

Particularities:

+ Corn, brewer's yeast, linseed and the high content of vitamins and trace elements make the product a valuable addition to existing rations

- ★ ENSURES PERFORMANCE
- ★ PROMOTES MUSCLE BUILD-UP
- ★ HIGH CONTENT OF VITAMIN E

### Feeding recommendation:

Quantities in kg/horse/day as supplement to existing crib feed and sufficient hay or grass silage

Body weight	Purpose				
	Muscle build-up	Performance horses	As a cure during the change of coat	Brood mares/stallions	Foals from the 4th week of life
200 kg	0.2 – 0.4 kg	0.3 – 0.5 kg	0.2 – 0.3 kg	0.2 – 0.3 kg	0.1 – 0.2 kg
400 kg	0.4 – 0.6 kg	0.5 – 0.7 kg	0.3 – 0.4 kg	0.4 – 0.6 kg	0.2 – 0.4 kg
600 kg	0.6 – 0.8 kg	0.7 – 1.0 kg	0.4 – 0.5 kg	0.6 – 0.9 kg	0.3 – 0.6 kg

Available in: 25 kg bag and 7.5 kg bucket.



Waiting period according to ADMR | none ✓



© Harald Mimarik

## OUR MUSCLE BUILD-UPS IN COMPARISON

How do DERBY® AMINOTOP and DERBY® VITAL differ in use?

DERBY® VITAL is the pelleted all-rounder to enhance the daily feed ration. Maize, brewer's yeast, linseed and the high content of vitamins and trace elements make it a valuable addition to existing rations. The high nutrient content benefits the horses' vitality, fertility and willingness to perform. The high vitamin E content can promote relaxed muscles.

DERBY® VITAL thus can provide that little extra energy and at the same time support the musculature. For performance horses, it can add up to 1 kg of the daily ration.

With up to 200 g for a sport horse, our DERBY® AMINOTOP is used in significantly smaller quantities compared to DERBY® VITAL. It provides highly concentrated amino acids that can be effectively metabolised by the horse. Often the content of essential

amino acids in the ration is not sufficient for muscle build-up. By using DERBY® AMINOTOP, you can support muscle build-up without affecting the general ration in terms of energy and mineral content. However, not only the sport horse needs a balanced supply of amino acids, but also horses in breeding use, for whom DERBY® AMINOTOP can also be used.

**Daniela Graé, Product manager**

## LEA SIEGL

Austrian eventing rider / Olympic athlete / youngest participant Summer Olympics

"I like to feed the supplementary feed DERBY® VITAL especially at the show before eventing and jumping.

It increases the performance and the horses are fresher, more motivated, exactly what I want from a horse for eventing.

Even the more "leisurely" horses become lively and active with DERBY® VITAL."



© Lea Siegl, Privat

## DERBY® PRO PERFORMANCE

Energy and protein supplier for the highest demands

Particularities:

- + low sugar and starch content
- + for the enhancement of existing rations

- ★ **PROMOTES MUSCLE BUILD-UP**
- ★ **HIGHLY BROKEN DOWN AND EASILY DIGESTIBLE**
- ★ **FOR A SHINY COAT**

### Feeding recommendation:

Quantities in kg/horse/day as a supplement to the existing crib feed and hay or grass silage

Intended use/ Body weight	Work load	
	Muscle build-up	Performance horses
200 kg	50 g	100 g
400 kg	100 g	200 g
600 kg	150 g	300 g



Available in: 7.5 kg bucket and 20 kg bag.



Waiting period according to ADMR | none ✓

## DERBY® POWERCORN

Highly broken down corn flakes

Particularities:

- + Highly digestible due to the hydrothermal digestion of the corn flakes

- ★ **HIGH DEGREE OF DIGESTION**
- ★ **EASILY DIGESTIBLE**
- ★ **ENERGY PROVIDER**

### Feeding recommendation:

Quantities in kg/horse/day to enhance existing concentrated feed rations and sufficient hay or grass silage

Body weight	Work load		
	Light	Medium	Hard
200 kg	0.2 – 0.3 kg	0.3 – 0.4 kg	0.4 – 0.5 kg
400 kg	0.3 – 0.5 kg	0.5 – 0.7 kg	0.7 – 1.0 kg
600 kg	0.5 – 0.7 kg	0.7 – 1.0 kg	1.0 – 1.3 kg



Available in: 20 kg bag.



Waiting period according to ADMR | none ✓

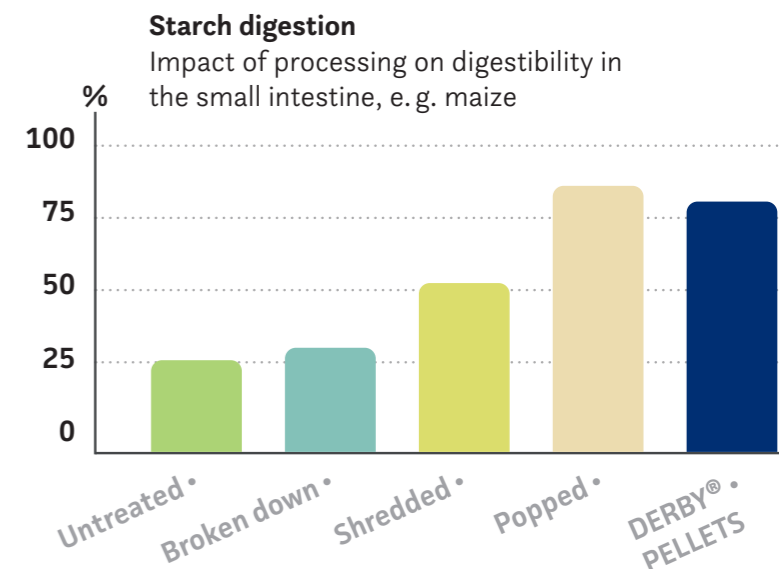
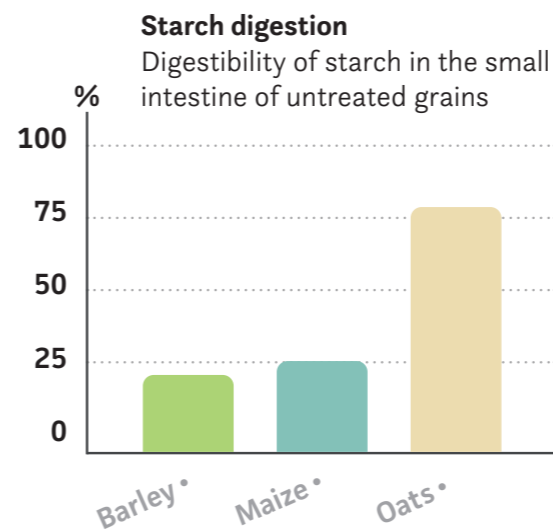
## CEREALS IN HORSE FEEDING

The processing of the grain makes the difference

The most typical cereals used in horse feed are oats, barley and maize. They are characterised by a high starch content, medium protein content and moderate fat content. The greatest differences, however, are in the starch structure. The problem with starch is that horses, as former steppe inhabitants, can only digest it very poorly. Excess starch that cannot be metabolised is then excreted at the expense of the digestive system. The starch in oats is very easy for the horse to digest and can therefore be metabolised faster and better than, for example, the starch in barley and maize. Unless these two grains are processed with a lot of pressure and heat. This thermal breakdown also makes the starch in maize and barley flakes highly digestible. Oats are the best-known concentrated feed for



horses. Due to the high digestibility of the starch in oats, it sometimes seems to the rider as if the horse is stung by the oats. This and other sayings show that some horses react particularly to the rapid release of energy when fed oats. But of all cereals, oats are very suitable in horse nutrition, even in an untreated state, because of their good digestibility. By the way, oats are not rich in protein, as some veterinarians and horse owners claim. It only contains about 10-11 % protein. When feeding untreated maize, the horse can only digest the starch in small proportions. It is therefore particularly important to provide the horse with this high-quality energy source in the form of maize flakes (micronised digestion). DERBY® Powercorn is excellently suited for adding energy to an existing ration of 200 to 500 g / day without burdening the horse's metabolism.



Source: Gesunde Pferdefütterung, Dr. Hans-Peter Karp

# WHAT IS IMPORTANT TO US IN GASTRO-PRODUCTS!



## APPLE POMACE

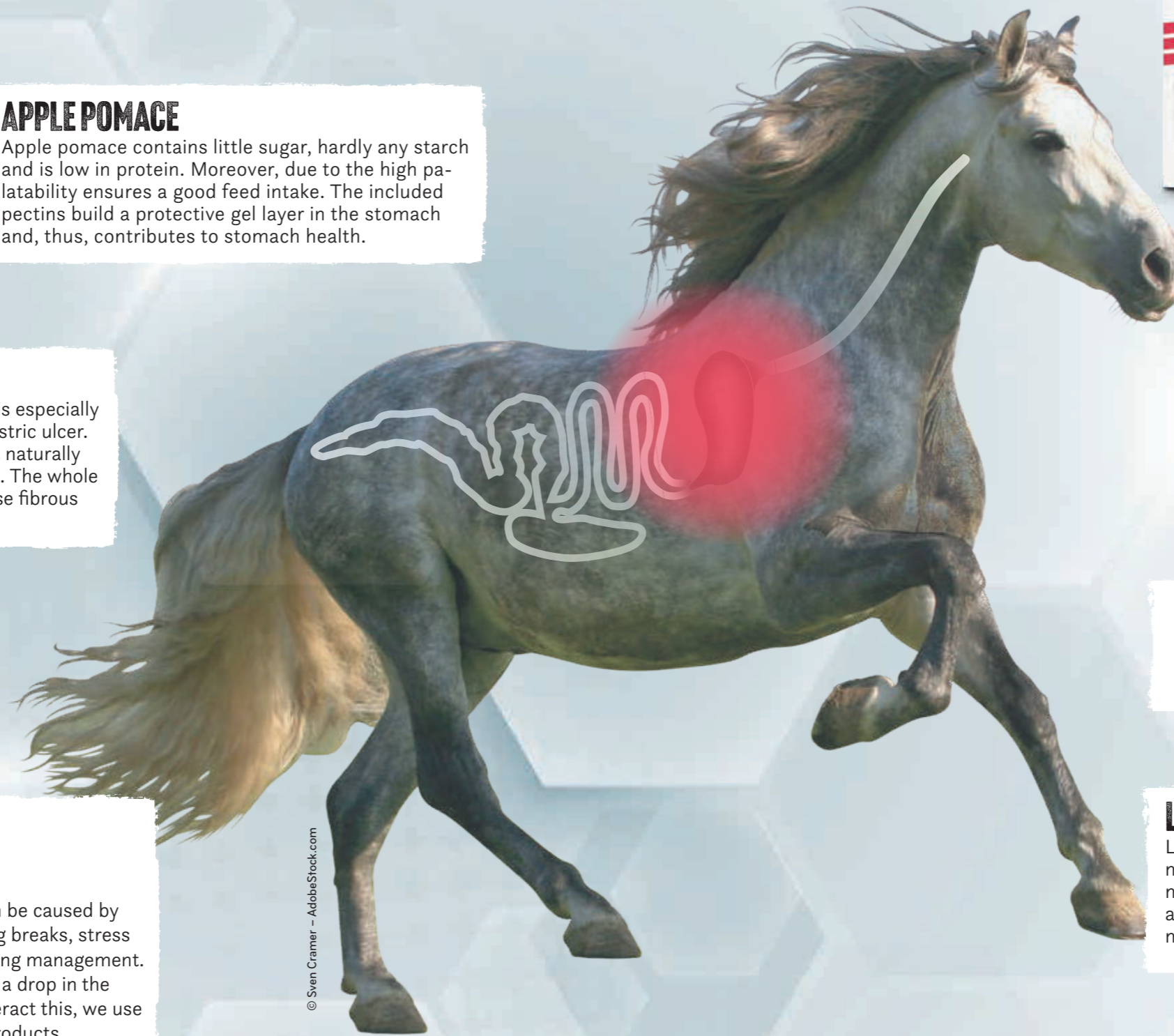
Apple pomace contains little sugar, hardly any starch and is low in protein. Moreover, due to the high palatability ensures a good feed intake. The included pectins build a protective gel layer in the stomach and, thus, contributes to stomach health.

## GRAIN-FREE

A grain-free and starch-reduced feeding is especially important for horses that are prone to gastric ulcer. As former steppe animals, horses are not naturally adapted to digest high amounts of starch. The whole digestive system is designed to metabolise fibrous plants.

## NATURAL ACID BUFFER (ALGAE LIME)

Irritation of the gastric mucosa can be caused by too little roughage, too long feeding breaks, stress or mistakes in husbandry and feeding management. These circumstances can promote a drop in the Ph-value in the stomach. To counteract this, we use a natural acid buffer in all gastro products.



© Sven Cramer – AdobeStock.com



## HIGH STRUCTURE AND FIBER CONTENT

The high content of fiber-rich components promotes chewing activity and increased saliva production. This creates a natural Ph-value buffer.

## LECITHIN

Lecithin directly provides the building blocks for all mucosal cells in the gastrointestinal tract. It thus promotes the maintenance of a healthy gastric mucosa and can help reduce the horse's stress level and minimize sensitivity to environmental stimuli.

## MAGNESIUM AND TRYPTOPHAN

Magnesium and tryptophan have a relaxing and stress-reducing effect and ensure a balanced horse. Stomach problems due to stress factors can thus be counteracted.



These ingredients make our **DERBY® GASTRO-MIX** valuable.

Sainfoin

Apple pomace

Brewer's yeast

Magnesium/tryptophan



In **DERBY® GASTRO-MIX** we have deliberately avoided the use of lucerne so that allergic horses can also benefit from this feed.



## DERBY® GASTRO-MIX

Grain-free, molasses-free and lucerne-free muesli with high fiber content

Particularities:

- + Contains algae lime as a natural acid buffer
- + Stomach-herb complex counteracts inflammatory processes
- + High fiber content ensures good salivation

- ★ **GRAIN-FREE, MOLASSES-FREE & LUCERNE-FREE**
- ★ **WITH MAGNESIUM AND TRYPTOPHAN**
- ★ **FOR STOMACH FRIENDLY FEEDING**

**Feeding recommendation:**

Quantities in kg/horse/day as sole crib feed to sufficient hay or grass silage.

Body weight	Work load		
	Light	Medium	Hard
200 kg	0.3 – 0.5 kg	0.5 – 1.0 kg	1.0 – 1.5 kg
400 kg	0.6 – 1.2 kg	1.2 – 2.0 kg	2.0 – 2.5 kg
600 kg	1.0 – 1.8 kg	1.8 – 2.5 kg	2.5 – 3.0 kg

Available in: 20 kg bag.



Waiting period according to ADMR | none ✓

## DERBY® GASTRO-SPORT

Grain-free sport pellet for horses with a sensitive stomach

Particularities:

- + Highly disintegrated and sanitized
- + Pectins protect the gastric mucosa
- + Low-carbohydrate
- + Lecithin supports mucosal regeneration

- ★ **GRAIN-FREE FORMULA**
- ★ **STOMACH FRIENDLY NUTRITION**
- ★ **WITH MAGNESIUM AND TRYPTOPHAN**

**Feeding recommendation:**

Quantities in kg/horse/day as sole crib feed to sufficient hay or grass silage

Body weight	Work load		
	Light	Medium	Hard
200 kg	0.5 – 1.0 kg	1.0 – 1.3 kg	1.3 – 1.7 kg
400 kg	1.0 – 1.5 kg	1.5 – 2.5 kg	2.5 – 3.0 kg
600 kg	1.8 – 2.5 kg	2.5 – 3.0 kg	3.0 – 4.0 kg

Available in: 25 kg bag.



Waiting period according to ADMR | none ✓

These ingredients make our **DERBY® GASTRO-SPORT** valuable.

Apple pomace

Brewer's yeast

Magnesium/tryptophan

Lucerne

**Exemplary ration for a sport horse with a sensitive stomach:**

**600 kg sport horse that is trained 5x a week (medium work) & prone to stomach problems:**

- 9 kg – 10 kg hay
  - Approx. 1 kg straw from bedding
  - 2.5 – 3 kg Gastro-Sport
  - 40 ml DERBY® Muskel-Support
  - 3 x a week 500 g DERBY® Gastro-Mash
- Please offer sufficient fresh drinking water.



These ingredients make our  
**DERBY® GASTRO-MASH** valuable.

Apple pomace

Lucerne

Brewer's  
yeast

Linseed

DERBY® Gastro-  
Plus-Complex



### MASH TO GO

Mix cold or warm and  
feed instantly.



## DERBY® GASTRO-MASH

Grain- and molasses-free mash for horses with sensitive stomachs

Particularities:

- + Contains DERBY® Gastro-Plus complex with valuable humic acids
- + Instantly soluble and easy to use - without boiling!

- ★ **STOMACH-FRIENDLY NUTRITION**
- ★ **GRAIN- AND MOLASSES-FREE**
- ★ **TASTY**

#### Feeding recommendation:

Quantities in kg/horse/day to the total ration

Body weight	Prevention of digestive disorders/supportive feeding in case of stomach problems	Acute disorder of intestinal function*/ acute stomach problems	As a cure during the change of coat	Regeneration of body mass
200 kg	0.2 kg	0.4 kg	0.2 kg	0.3 kg
400 kg	0.4 kg	0.8 kg	0.4 kg	0.5 kg
600 kg	0.5 kg	1.0 kg	0.6 kg	0.8 kg
Application	2-3 meals/week	Daily for at least 21 days	2-3 meals/week during the change of coat	Daily until the required body condition is reached

Available in: 12.5 kg bag.



Waiting period according to ADMR | none ✓

## PREVENTION IS BETTER THAN AFTERCARE

DERBY® Gastro products are not only suitable for existing stomach problems, but can also be used preventively.

Studies show that not only a large proportion of sport horses, but also a large number of leisure horses suffer from stomach problems, which can be triggered by stress, illness or also by husbandry conditions. DERBY® Gastro products support the regeneration of the sensitive mucous membranes and the absorption of the required nutrients. The valuable ingredients form a protective layer for the stomach and

intestinal mucous membranes and thus ensure a natural and gentle rehabilitation. DERBY® GASTRO-FORTE with its highly concentrated ingredients supports stomach health particularly intensively. At the same time, our stomach protection is also very suitable for sport horses, as there is no waiting period according to ADMR.

### THE MOST IMPORTANT INGREDIENTS AT A GLANCE:

- Sodium bicarbonate** – Binds stomach acid
- Seaweed meal** – Regulates the acid-base balance
- Linseed, pectin** – Mucous membrane protection
- Magnesium and Tryptophan** – Stress-reducing
- Lecithin** – Supports the physiological regeneration of the gastric mucosa

See  
DERBY®  
GASTROLINIS  
the stomach  
friendly treats on  
page 73.

## DERBY® GASTRO-FORTE

To support horses that have a sensitive stomach

Particularities:

- + Contains natural acid buffers
- + With magnesium and tryptophan
- + With lecithin for mucous membrane regeneration
- + Optimizes existing rations

- ★ **SUPPORTS STOMACH HEALTH**
- ★ **WITH MAGNESIUM AND TRYPTOPHAN**
- ★ **PH VALUE STABILIZING**

#### Feeding recommendation:

Daily amount in g/day as a supplement to balanced, fully vitaminized and mineralized rations with sufficient roughage

Horses (600 kg)	Ponies (300 kg)
200 g/day*	100 g/day*

\*For stomach lesions, we recommend using grain-free concentrated feeds DERBY® GASTRO-SPORT or DERBY® GASTRO-MIX.

Available in: 5 kg bucket.



Waiting period according to ADMR | none ✓

# TREND - GRAIN-FREE FEEDING

No matter if sport or leisure horse - the „trend“ grain-free feeding remains very popular. But is it really only a „trend“?

There are many reasons for grain-free feeding. Nowadays, many people keep leisure horses that have reduced energy demand, compared to the horses that have been used in agriculture or perform in today's top-class sports. They have maintenance needs and are only worked lightly so that pasture conserves can mainly cover the demand for energy.

Grain contains high amounts of starch, which is digested in the small intestine through the aid of the enzyme amylase. Compared to other animals, horses have a much lower enzyme concentration. If too much starch gets into the small intestine, it cannot be digested and gets into the large intestine. There, it leads to a change in ph,

which, again, can destroy the natural gut flora. Furthermore, the released endotoxins can favor the development of laminitis.

If the body permanently has too much starch available, it can result in insulin resistance. Therefore, horses suffering from metabolic diseases such as EMS, ECS, or PSSM should be fed a diet low in starch. A low-starch feed is equally important for horses prone to gastric ulcers. Micro organisms start with the digestion of starch in the glandless part of the stomach. If too much starch gets into the stomach at once, it can increase acid formation, which attacks the gastric mucosa of the unprotected part of the stomach. In order to avoid gastric ulcers, a maximum

intake of 1 g starch per 100 kg body weight per meal should be ensured. A fibrous feed and the resulting salivation can lead to buffering the ph-value in the upper stomach, which prevents gastric ulcers.

However, feeding needs to be developed individually for each horse based on ration calculations.

## REASONS FOR GRAIN-FREE HORSE FEEDING

- Horses with a reduced demand for energy (e. g. hardy breeds, horses with conservation needs)
- Horses suffering from metabolic diseases (e. g. EMS, ECS, PSSM, laminitis)
- Horses prone to gastric ulcers due to food allergies

### PSSM (Polysaccharide Storage Myopathy)

is a muscle metabolism disease with which the sugar molecules cannot be metabolized properly but are stored in the horse's muscles in excessive amounts. This disrupts the stimulus transfer.

### EMS (Equine Metabolic Syndrome)

EMS is a metabolic disease that is usually caused by over-nutrition in combination with lack of exercise. It can result in the formation of fat deposits, insulin resistance and laminitis.

### ECS (Equine Cushing Syndrome)

The Equine Cushing Syndrome is a pituitary disease (pituitary gland). In this gland, the formation of hormones responsible for cortisol release occurs. Thus, a horse suffering from ECS has a permanently increased cortisol level. This can favor insulin resistance.



★ FÜR DEINE LEIDENSCHAFT ★

- seit 1968 -



**OUR TASTY  
REWARD FOR  
ALL HORSES!**

**GRAIN-FREE**



**DERBY® LECKER-LEICHT and many other treats can be found from page 73.**



© Christina Gerlach

## DERBY® FASER PLUS

Molasses- and grain-free structured feed with high density of nutrients

Particularities:

- + High content of Timothy grass and high-quality lucerne and sainfoin fibers for supportive feeding in case of fecal water
- + Without grains, molasses and artificial preservatives
- + With 30% structured fiber

- ★ **GRAIN- AND MOLASSES-FREE**
- ★ **LOW IN SUGAR AND STARCH**
- ★ **SUITABLE FOR HORSES WITH A SENSITIVE METABOLISM**

**Feeding recommendation:**

Quantities in kg/horse/day as sole crib feed to sufficient hay or grass silage

Body weight	Work load		
	Conservation	Light	Medium
200 kg	0.3 – 0.5 kg	0.5 – 1.0 kg	1.0 – 1.5 kg
400 kg	0.6 – 1.2 kg	1.2 – 2.0 kg	2.0 – 2.5 kg
600 kg	1.0 – 1.8 kg	1.8 – 2.5 kg	2.5 – 3.0 kg



Available in: 15 kg bag.



Waiting period according to ADMR | none ✓

## DERBY® STRUKTUR-FIT

Grain-free structured muesli

Particularities:

- + The lucerne stimulates chewing activity and salivation which promotes a healthy gastrointestinal environment
- + Apple pomace is very tasty and provides valuable pectins that influence the digestive system positively
- + The nutritional needs are fully covered by low daily feed rations
- + With high content of lucerne fibers

- ★ **SUITABLE FOR HORSES WITH METABOLIC PROBLEMS**
- ★ **GRAIN-FREE AND HIGHLY STRUCTURIZED**
- ★ **LOW IN SUGAR AND STARCH**

**Feeding recommendation:**

Quantities in kg/horse/day as sole crib feed to sufficient hay or grass silage

Body weight	Work load		
	Conservation	Light	Medium
200 kg	0.3 – 0.5 kg	0.5 – 1.0 kg	1.0 – 1.5 kg
400 kg	0.6 – 1.2 kg	1.2 – 2.0 kg	2.0 – 2.5 kg
600 kg	1.0 – 1.8 kg	1.8 – 2.5 kg	2.5 – 3.0 kg



Available in: 15 kg bag.



Waiting period according to ADMR | none ✓



### DERBY® MINERAL-STICKS

When horses are fed no or low amounts of concentrated feed, the addition of the grain-free DERBY® MINERAL-STICKS is advisable. A few daily sticks already cover the needs for important minerals, vitamins and trace elements. Due to the selection of tasty components, the grain-free sticks have a natural content of amino acids, such as lysine, methionine and threonine. The practical stick form is very well accepted by the horses and therefore can be ideally used as a treat.



## DERBY® BALANCE

Grain-free pellets for horses with a sensitive metabolism

Particularities:

- + Grain-free
- + Low in starch and sugar
- + Stomach-friendly due to the high content of apple pomace

- ★ **GRAIN-FREE**
- ★ **LOW IN STARCH AND SUGAR**
- ★ **MOLASSES-FREE**

**Feeding recommendation:**

Quantities in kg/horse/day as sole crib feed to sufficient hay or grass silage

Body weight	Work load		
	Conservation	Light	Medium
200 kg	0.3 – 0.5 kg	0.5 – 0.7 kg	0.8 – 1.0 kg
400 kg	0.8 – 1.2 kg	1.2 – 1.5 kg	1.5 – 1.7 kg
600 kg	1.5 – 2.0 kg	2.0 – 2.2 kg	2.3 – 2.6 kg



Available in: 25 kg bag.



Waiting period according to ADMR | none ✓

# DERBY® MÜSLI-STICKS

Innovative muesli in the form of handy sticks

Particularities:

- + Due to the special process technology, structural components are preserved
- + Promotion of chewing activity and salivation
- + Ensures slow feed intake (ideal for hasty eaters)

- ★ CHEWING ACTIVITY AND SALIVATION
- ★ VITAMINS AND MINERALS
- ★ EASY TO PORTION

**Feeding recommendation:**

Quantities in kg/horse/day as a supplement to good hay and straw

Body weight	Work load			
	Conservation	Light	Medium	Hard
200 kg	0.3 – 0.5 kg	0.4 – 0.6 kg	0.7 – 0.9 kg	1.1 – 1.3 kg
400 kg	0.6 – 0.8 kg	0.9 – 1.1 kg	1.5 – 1.7 kg	2.3 – 2.5 kg
600 kg	1.0 – 1.1 kg	1.4 – 1.6 kg	2.3 – 2.5 kg	3.5 – 3.7 kg



Available in: 15 kg bag.



Waiting period according to | none ✓

# DERBY® KAROTTEN-MÜSLI

Muesli-mix for horses with a sensitive digestive tract

Particularities:

- + Suitable for horses prone to colic due to high digestibility
- + Linseed shred promotes the formation of a protective layer in the intestinal tract

- ★ GOOD STRUCTURAL IMPACT
- ★ OAT-FREE
- ★ HIGH DIGESTIBILITY

**Feeding recommendation:**

Quantities in kg/horse/day as sole crib feed to sufficient hay or grass silage

Body weight	Work load	
	Conservation	Light
200 kg	0.5 – 0.8 kg	0.8 – 1.2 kg
400 kg	1.2 – 1.5 kg	1.5 – 2.5 kg
600 kg	1.5 – 2.0 kg	2.0 – 3.0 kg



Available in: 15 kg bag.



Waiting period according to ADMR | none ✓



**Tip** *Particularly suitable for light-feed horses due to the high content of protein.*

# DERBY® COUNTRY-MIX

Oat-free muesli with lucerne fibers

Particularities:

- + For horses that react sensitively to oats
- + Lucerne fibers slow down the feed intake - hence, ideal for hasty eaters

- ★ OAT-FREE STRUCTURED MUESLI
- ★ VITAMINS AND MINERALS
- ★ TASTY AND HIGHLY DIGESTIBLE

**Feeding recommendation:**

Quantities in kg/horse/day as sole crib feed to sufficient hay or grass silage

Body weight	Work load	
	Light	Medium
200 kg	0.5 – 1.0 kg	1.0 – 1.5 kg
400 kg	1.0 – 1.5 kg	1.5 – 2.5 kg
600 kg	1.5 – 2.0 kg	2.5 – 3.0 kg



Available in: 20 kg bag.



Waiting period according to ADMR | none ✓

# DERBY® APFEL-MÜSLI

Tasty muesli reduced in grain

Particularities:

- + Highly structured muesli-mix without oats ensuring slow feed intake
- + Low in protein
- + Apple pomace supports the development of a healthy gastro-intestinal flora

- ★ OAT- AND MOLASSES-FREE
- ★ LOW IN STARCH AND PROTEIN
- ★ HIGHLY STRUCTURIZED MUESLI-MIX

**Feeding recommendation:**

Quantities in kg/horse/day as sole crib feed to sufficient hay or grass silage

Body weight	Work load		
	Conservation	Light	Medium
200 kg	0.2 – 0.5 kg	0.5 – 0.8 kg	0.8 – 1.2 kg
400 kg	0.8 – 1.2 kg	1.2 – 1.5 kg	1.5 – 2.5 kg
600 kg	1.2 – 1.5 kg	1.5 – 2.0 kg	2.0 – 3.0 kg



Available in: 20 kg bag.



Waiting period according to ADMR | none ✓



# HERBS IN HORSE FEEDING

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Medicinal herbs have been helping humans and animals with diseases for a long time. When used in a targeted manner, they have the ability to support and strengthen the organism of the horse with their active ingredients. For the support of the respiratory tract, for example, ribwort, anise, thyme and fennel have proven effective.



**THYME**

- Antispasmodic and expectorant
- Anti-inflammatory



**ANISEED**

- Expectorant



**FENNEL**

- Expectorant



**RIBWORT**

- Cough relief
- Anti-inflammatory
- Stimulates the immune system



**ROSEMARY**

- Stimulates blood flow
- Antibacterial



**ECHINACEA**

- Supports and promotes the natural defenses



**EUKALYPTUS**

- Clears the respiratory tract



**IVY**

- Expectorant

## DERBY® VOLLKORN-MIX mit Kräutern (with herbs)

Low-dust and low-protein muesli for leisure and sport horses

Particularities:

- + Contains high-quality herbs
- + Ideal for horses allergic to dust
- + With oats

- ★ ALL VITAMINS AND MINERALS
- ★ SELECTED HERBS FOR THE RESPIRATORY TRACT
- ★ TASTY AND HIGHLY DIGESTIBLE

Feeding recommendation:

Quantities in kg/horse/day as sole crib feed to sufficient hay or grass silage

Body weight	Work load	
	Light	Medium
200 kg	0.5 – 0.8 kg	0.8 – 1.2 kg
400 kg	1.2 – 1.5 kg	1.5 – 2.5 kg
600 kg	1.5 – 2.0 kg	2.0 – 3.0 kg



Available in: 25 kg bag.



Waiting period according to ADMR | none ✓

### My favorite in the leisure segment

"Our DERBY® VOLLKORN-MIX mit Kräutern is one of our absolute classics. It is palatable, supports the airways with 16 selected herbs and is also suitable for horses sensitive to coughs due to the low-dust recipe. **Outstanding scent, great ingredients, 100% acceptance, what more could you ask for?**" Till Möller, Head of team Export



These ingredients make our DERBY® VOLLKORN-MIX mit Kräutern valuable.

Lucerne

Aniseed

Barley

Fennel

Thyme

## DERBY® STANDARD

Wholesome supplementary feed for normally trained horses

Particularities:

- + Very tasty due to high content of lucerne
- + Proven concentrate for a healthy diet
- + Ideal for supplementation of grain

- ★ MINERALS AND VITAMINS
- ★ HIGH DIGESTIBILITY
- ★ OAT-FREE

**Feeding recommendation:**

Quantities in kg/horse/day as sole crib feed to sufficient hay or grass silage

Body weight	Work load		
	Conservation	Light	Medium
200 kg	0,5 – 1,0 kg	1,0 – 2,0 kg	2,0 – 3,0 kg
400 kg	1,0 – 2,0 kg	2,0 – 3,0 kg	3,0 – 4,0 kg
600 kg	2,0 – 3,0 kg	3,0 – 4,0 kg	4,0 – 5,0 kg



Available in: 25 kg bag and loose.



Waiting period according to ADMR | none ✓

## DERBY® MÜSLI-MIX

Oat-free muesli mix for horses

Particularities:

- + Schmackhafte Müslimischung
- + Ohne Hafer
- + Hohe Verdaulichkeit

- ★ OAT-FREE RECIPE
- ★ MINERALS AND VITAMINS
- ★ THERMALLY BROKEN DOWN

**Feeding recommendation:**

Quantities in kg/horse/day as sole crib feed to sufficient hay or grass silage

body weight	strain	
	light	medium
200 kg	0,5 – 1,0 kg	1,0 – 1,5 kg
400 kg	1,0 – 1,5 kg	1,5 – 2,5 kg
600 kg	2,0 – 2,5 kg	2,5 – 3,5 kg



Available in: 20 kg bag.



Waiting period according to ADMR | none ✓



By adding one to two hands of DERBY® LUZERNE Pur or DERBY® LUZERNE to each meal, the eating time can be extended and chewing intensified.



## DERBY® COUNTRY

Pelleted concentrate for normally trained horses

Particularities:

- + Tasty and easily digestible concentrate feed
- + With oats
- + Low dust

- ★ HIGH DIGESTIBILITY
- ★ VERY TASTY
- ★ MINERALS AND VITAMINS

**Feeding recommendations:**

Quantities in kg/horse/day as sole crib feed to sufficient hay or grass silage

Body weight	Work load	
	Light	Medium
200 kg	0,8 – 1,2 kg	1,2 – 1,5 kg
400 kg	1,2 – 1,5 kg	1,5 – 2,0 kg
600 kg	2,0 – 2,5 kg	2,5 – 3,5 kg



Available in: 25 kg bag.



Waiting period according to ADMR | none ✓

## DERBY® COOL & FIT

Oat-free muesli for leisure and sport horses

Particularities:

- + Oat-free muesli-mix
- + For even-tempered, balanced and motivated horses

- ★ LOW IN PROTEIN
- ★ OAT-FREE RECIPE
- ★ MINERALS AND VITAMINS

**Feeding recommendation:**

Quantities in kg/horse/day as sole crib feed to sufficient hay or grass silage

Body weight	Work load	
	Light	Medium
200 kg	0,5 – 0,75 kg	0,75 – 1,0 kg
400 kg	1,0 – 1,2 kg	1,2 – 1,5 kg
600 kg	1,5 – 2,0 kg	2,0 – 3,0 kg



Available in: 20 kg bag.



Waiting period according to ADMR | none ✓

# OLD HORSES - FIT AND VITAL

Fit and vital into old age, this is what many horse owners wish for their horses.

Horses are often still very fit and motivated even after the age of 20 and can be ridden or driven. However, the diet of older horses differs from the usual sport and leisure horse feeding. The older horse has a slower metabolism and can no longer absorb the nutrients offered with the feed as effectively. Older horses also have an increased need for trace elements, unsaturated fatty acids and especially vitamin E.

Next to the reduced digestive capacity of the horse, age-related tooth problems often occur. Tooth damage and gaps in the teeth mean that the food must be adapted to this problem. In such cases, soakable hay replacement products such as DERBY® BERGWIESENCOBS ensure the roughage supply. But also in the offer of concentrated feed, some mueslis can be soaked and, thus, meet the requirements of the elderly.



See  
DERBY®  
BERGWIESEN-  
COBS  
page 45.



## Feeding elderly horses

Besides regular dental checks, older horses can be kept fit, for instance, through rides, stretching exercises and ground work. Sufficient roughage supply is equally important. Especially with age-related tooth problems, soakable alternatives such as DERBY® Bergwiesencobs should be used.

### Here is an exemplary ration for your senior (600 kg live weight):

- 1.5 kg DERBY® SENIOR-FIT
- 1.5 – 2 kg DERBY® BERGWIESENCOBS, soaked
- 300 g DERBY® VITAL
- 6 – 8 kg hay (best quality)
- Straw from bedding

Please offer sufficient fresh drinking water.

## DERBY® SENIOR-FIT

Easily digestible muesli with special nutrient composition for senior horses

Particularities:

+ The muesli can also be soaked for horses with dental problems

- ★ HIGH QUALITY PROTEIN
- ★ PROMOTES VITALITY AND PREVENTS LOSS OF SUBSTANCE
- ★ CAN BE SOAKED

### Feeding recommendation:

Quantities in kg/horse/day as sole crib feed to sufficient hay or grass silage

Body weight	Maintenance	Light
200 kg	0,8 – 1,0 kg	1,0 – 1,5 kg
400 kg	1,0 – 1,5 kg	1,5 – 2,0 kg
600 kg	1,5 – 2,0 kg	2,0 – 2,5 kg



Available in: 20 kg bag.



Waiting period according to ADMR | none ✓



These ingredients make our DERBY® SENIOR-FIT valuable.

Apple pomace



Brewer's yeast



Linseed



Corn flakes



# FACTS ABOUT FEEDING MASH

You've always wanted to know exactly which ingredients are contained in a mash and what benefits it offers your horse?

## What is Mash?

It is a supplement to the normal feeding plan and is prepared with water. Due to its digestive, slightly laxative effect, Mash helps prevent constipation and keeps the intestinal flora healthy.

## What does Mash consist of?

Our well-tried basic recipe consists of linseed and wheat bran since decades. It does not require any added vitamins or minerals. With DERBY® APFEL-MASH, we also use oat flakes and apple pomace, which are known for their mucous membrane protection. For all horses that are sensitive to grain, we can offer an alternative with our grain-free DERBY® GASTRO-MASH.

## When do I feed Mash?

Mash can be fed especially after demanding tournaments, colic, illnesses, change of coat, after operations or as a reward and for feeding up.

## How do I feed Mash?

Due to the slime-forming components in the recipe, Mash is ideally mixed with warm water. Our Mash products work with cold water too, but then you have to wait longer before you can feed it. The Mash should have a mushy consistency. In summer, it can be mixed with a little more liquid - for the extra portion of water. We recommend feeding Mash 2 to 3 times a week for healthy digestion. Mash can also be used daily in special cases, such as after colic operations or to build up substance. In cases of acute digestive problems, you should seek the advice of a veterinarian.

## These ingredients make our DERBY® MASH valuable.



## These ingredients make our DERBY® APFEL-MASH valuable.



## DERBY® MASH

Tasty mash based on a well-tried recipe

### Particularities:

- + Immediately soluble and easy to use, without the need to boil it up
- + The mucilage in the linseed protects the intestinal mucosa and increases the slippage of the mash

- ★ REGULATING EFFECT ON THE DIGESTION
- ★ APPETIZING AND EASY TO DIGEST
- ★ WITHOUT BOILING AND SWELLING TIME

### Feeding recommendation:

Quantities in kg/horse/day to a balance total ration

Body weight	Prevention of digestive disorders	Acute disorder of intestinal function*	As a cure during the change of coat	Regeneration of body mass*
200 kg	0.2 kg	0.4 kg	0.2 kg	0.3 kg
400 kg	0.4 kg	0.8 kg	0.4 kg	0.5 kg
600 kg	0.5 kg	1.0 kg	0.6 kg	0.8 kg
Application	2-3 meals/week	Daily for at least 21 days	2-3 meals/week during the change of coat	Daily until the required body condition is reached

\* It is recommended to take medical advice before feeding or extending the feeding period.

Available in: 8 kg bucket and 20 kg bag.



Waiting period according to | none ✓



„I feed my horses DERBY® MASH during and after competitions because it provides the best possible support for their digestive system. Since DERBY® MASH is super tasty, it is also suitable for fussy eaters or for mixing in medicines and supplements.“  
Chul Hee Jung, 2019 + 2022 Korean Show Jumping Champion

© Korea art equestrian photo\_HORSEPICTURE

## DERBY® APFEL-MASH

Tasty supplementary feed for the stabilization of the digestive processes

### Particularities:

- + Very tasty
- + The mucilage in the linseed protects the intestinal mucosa and increases the slippage of the mash

- ★ APPETIZING
- ★ DURING REGENERATION PHASES
- ★ REDUCES STRESS REACTIONS

### Feeding recommendation:

Quantities in kg/horse/day to a balance total ration

Body weight	Prevention	Acute disorder of intestinal function
200 kg	0.2 kg, 1-2 x/ week	0.4 kg daily for 2-3 weeks
400 kg	0.5 kg, 1-2 x/ week	0.7 kg daily for 2-3 weeks
600 kg	0.7 kg, 1-2 x/ week	1 kg daily for 2-3 weeks

Available in: 8 kg bucket and 15 kg bag.



Waiting period according to ADMR | none ✓

## DERBY® PRO-CARE

Highly digestible build-up feed

Particularities:

- + Highly broken down through extrusion
- + Can be fed dry or soaked
- + Ideal for box rest

- ★ IN PHASES OF REGENERATION
- ★ BUILD-UP AND CONSERVATION OF BODY MASS
- ★ SUITABLE FOR ALLERGY SUFFERERS

### Feeding recommendation:

Quantities in kg/horse/day based on final weight

Body weight	Enhancement of the feed ration	Regeneration of body mass
200 kg	0.05 – 0.1 kg	0.1 – 0.2 kg
400 kg	0.1 – 0.2 kg	0.2 – 0.4 kg
600 kg	0.2 – 0.5 kg	0.5 – 0.8 kg



DERBY® Pro-Care can also be fed soaked.

Available in: 15 kg bag.



Waiting period according to ADMR | none ✓

## DERBY® Melassefreie (molasses free) RÜBENSCHNITZEL

Gently dried, unpelleted beet pulp flakes

Particularities:

- + The high fiber content and the pectins it contains can help improve digestion
- + Low sugar content
- + Suitable for horses with metabolic problems

- ★ TASTY
- ★ LOW SUGAR CONTENT
- ★ GRAIN-FREE

### Feeding recommendation:

Quantities in kg/horse/day with regard to the final weight

Body weight	Poor eating horses*	Horses in regeneration**
200 kg	0.8 – 1.5 kg	0.8 – 1.3 kg
400 kg	1.8 – 2.5 kg	1.8 – 2.3 kg
600 kg	2.8 – 3.5 kg	2.3 – 2.8 kg



\* for light work \*\*with conservation needs

DERBY® molasses-free beet pulp should only be fed soaked! Never feed dry! Soak in lukewarm water in a ratio of 3:1 – water: DERBY® Melassefreie RÜBENSCHNITZEL. After about 30 minutes, the volume expansion is completed.

Available in: 12.5 kg bag.



Waiting period according to ADMR | none ✓



### Feeding in special situations

DERBY® PRO-CARE was developed as a germ-free feed and, due to its special form (extrudate), it prevents throat constipation and colic. Due to its 100% digestibility in the small intestine, it is ideal for old horses or horses with box rest or as a build-up feed.

## SPECIAL REQUIREMENTS - SPECIAL FEED

DERBY® PRO-CARE has already proven itself in its use for many years. Originally intended for racehorses - since they should be fed particularly hygienically - it has also proven itself as a feed in special situations. Due to the weather and nature, the hygiene standard of natural products is not always the same and also the nutrient composition is subject to slight fluctuations.

In order to keep DERBY® PRO-CARE particularly hygienic and to ensure a constant concentration of nutrients, all the components used are ground, heated with steam and sprayed through nozzles under pressure.

After this heat and pressure process, the compressed feed mash can relax and take its characteristically irregular extrudate shape. The germ content in all raw components is significantly reduced by this process and dust pollution is minimized - almost germ-free. Due to this special preparation, the components are highly broken down and, therefore, easier to digest - which is particularly important for digesting starch.

DERBY® PRO-CARE is suitable for all horses with sensitive digestive tracts and respiratory problems. Due to the high degree of digestibility, DERBY® PRO-CARE does not strain the horse's digestive tract and is particularly easy to convert. It is therefore also suitable as build-up feed and for horses resting in their box.

# ROUGHAGE - THE BASIS OF HORSE FEEDING



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*In an interview, Ina Wesselmann, DERBY® Product manager, explains why roughage is essential in horse feeding.*

#### Why is roughage important?

Ina: The horse as a steppe animal is dependent on a raw fiber-rich food intake. The horse's digestive tract can function optimally without concentrated feed, but never without roughage.

#### Which type of roughage is most important for horses and why?

Ina: Besides fresh pasture grass, preserved roughage such as hay and silage are of very high importance for the horse. Hay is still one of the most important and most used roughages. However, silage is also becoming more and more important in horse feeding. Due to the fast preservation, one can expect less loss of nutrients. However, silage with good hygienic quality is equal to or even preferable to hay.

#### What should be the ratio of hay and straw in the feeding?

Ina: In horses with free access to hay and straw, it can be observed that when 8–9 kg of hay is consumed, an additional 1–2 kg of straw is consumed. Obviously, the intake of straw rich in crude fiber corresponds to the horse's natural need to also ingest more woody plant fibers. A straw intake of 1–2 kg / day poses no danger

and is to be regarded as positive.

However, the maximum daily amount of 0.8 kg / 100 kg live mass should not be exceeded.

#### What is the right amount of hay?

Ina: A horse should have at least 1 – 1.5 kg hay / 100 kg live mass per day.

#### In which form should hay be offered?

Ina: The roughage should be offered to the horse as coarsely structured as possible. For horses with dental problems and older horses, it may also be more chopped - alternatively, the use of well-soaked hay cobs is recommended.

#### What importance do you attach to alternative roughages such as Timothy grass or lucerne as a hay substitute?

Ina: Due to its lower protein and sugar content, Timothy grass is particularly suitable for light-fed horse breeds and metabolism-sensitive horses. Lucerne should be used for all horses that need muscle build-up support. Here the amino acid pattern is particularly suitable for horses. Older horses also benefit from the supplementary feeding of lucerne (soakable lucerne cobs) to maintain body mass.



**Ina Wesselmann,  
Product manager**



Tip

#### **Does your horse have dental problems and difficulties with chewing?**

With DERBY® BERGWIESENCOBS and DERBY® LUZERNE-COBS we have soakable roughage in our range. Even if there is not enough roughage in the form of hay or haylage, the ration can be upgraded with one of the two products.

# LUCERNE - THE „ALLROUNDER“

Due to its valuable nutrient composition, lucerne is also known as the queen of forage crops. It is characterized by high protein content and serves the horses as a supplier of calcium and carotene. The high-quality protein in lucerne is particularly suitable for broodmares and growing foals, but also for sport and leisure horses. Lucerne contains important essential amino acids and is a useful addition to any ration for all horses due to its positive properties in the muscle-building phase.



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## DERBY® LUZERNE

Air-dried lucerne

Particularities:

- + To upgrade or as a replacement for roughage
- + Slows intake of concentrated feed
- + To support muscle build-up
- + Low in dust

- ★ VALUABLE AMINO ACIDS
- ★ GOOD STRUCTURAL IMPACT
- ★ GRAIN-FREE

Feeding recommendation:

Quantities in kg/horse/day

Body weight	Purpose	
	As hay replacement	Ration upgrade to existing concentrated feed ration
200 kg	1,5 – 2,5 kg	0,5 – 1,0 kg
400 kg	3,0 – 4,5 kg	1,0 – 1,5 kg
600 kg	4,5 – 5,5 kg	1,5 – 2,0 kg



Available in: 18 kg bag.



Waiting period according to ADMR | none ✓

## DERBY® LUZERNE Pur

Pure, gently air-dried lucerne

Particularities:

- + Molasses-free
- + Natural content of vitamins, minerals and trace elements
- + Good structural impact (fiber length up to 5 cm)
- + Practical ration upgrade - also suitable for on the go

- ★ MOLASSES-FREE
- ★ GOOD STRUCTURAL IMPACT
- ★ SUPPLY OF ESSENTIAL AMINO ACIDS

Feeding recommendation:

Quantities in kg/horse/day

Body weight	Purpose	
	Hay replacement	Upgrade of hay
200 kg	1.7 – 2.7 kg	0.8 – 1.3 kg
400 kg	3.4 – 5.5 kg	1.7 – 2.3 kg
600 kg	4.0 – 5.5 kg	2.5 – 3.0 kg



Available in: 15 kg bag.



Waiting period according to | none ✓

## DERBY® LUZERNE-COBS

High quality roughage supplement for horses

Particularities:

- + Feed soaked
- + With high-quality amino acids
- + Made from 100 % gently dried lucerne

- ★ GOOD STRUCTURAL IMPACT
- ★ RATION UPGRADE
- ★ ESSENTIAL AMINO ACIDS

Feeding recommendation:

Quantities in kg/horse/day

Body weight	Hay replacement	Upgrading of hay	
		Upgrading of hay	Addition total ration
200 kg	1.8 – 2.8 kg	0.6 – 1.4 kg	0.3 – 0.6 kg
400 kg	3.8 – 4.8 kg	1.8 – 2.8 kg	0.6 – 0.9 kg
600 kg	5.8 – 7.8 kg	2.8 – 3.8 kg	0.9 – 1.2 kg



Please feed soaked.

Available in: 25 kg bag.



Waiting period according to ADMR | none ✓

## DERBY® LUZERNFIT

Gently dried, pelleted lucerne

Particularities:

- + Can be fed soaked
- + Not mineralized
- + Low in starch and sugar

- ★ HIGH DIGESTIBILITY
- ★ LOW IN DUST AND ALLERGENS
- ★ PROMOTES MUSCLE BUILD-UP

**Feeding recommendation:**

Quantities in kg per 100 kg live weight horse/day as addition to/upgrade of feeding ration

Purpose	Addition to	Per 100 kg body weight
as concentrated feed for grain allergies	Hay or grass silage	0.3 – 0.8 kg
as concentrated feed	good feeding straw	0.5 – 1.0 kg
as concentrated feed for horses allergic to dust	soaked hay cobs, DERBY® BERGWIESENCOBS	0.3 – 0.8 kg
as a high-quality protein supplier to upgrade the ration		0.3 – 0.5 kg



Available in: 25 kg bag.



Waiting period according to ADMR | none ✓

## DERBY® BERGWIESENCOBS

Hay cobs made from meadow hay rich in herbs

Particularities:

- + Horses with allergies
- + Feed soaked
- + After colics

- ★ HIGH PROTEIN QUALITY
- ★ HAY FROM CONTROLLED CULTIVATION
- ★ BIODIVERSE AND TASTY

**Feeding recommendation:**

Quantities in kg/horse/day as sole crib feed in addition to sufficient hay or grass silage

Body weight	Purpose	
	Light	Medium
200 kg	2.0 – 3.0 kg	1.0 – 1.5 kg
400 kg	4.0 – 5.0 kg	2.0 – 2.5 kg
600 kg	5.0 – 7.0 kg	3.0 – 5.0 kg



Available in: 25 kg bag.



Waiting period according to ADMR | none ✓

## ROUGHAGE AS AN ADDITION TO EXISTING RATIONS

Practical tip from product and application consultant Alexander Kretschmer

„With DERBY® roughage products, it is possible to upgrade and supplement daily feeding. Our roughage is not only suitable for muscle build-up or the adapted feeding of horses with metabolic diseases. Adding our fiber products to the daily crib feed of hasty eaters has also proven effective in reducing the feed intake rate.

concentrated feed ration, it has been proven that chewing activity can be improved and salivation increased.

Our DERBY® BERGWIESENCOBS or DERBY® LUZERNE-COBS are particularly suitable for older horses or horses with dental problems, as they can be soaked and are therefore easy to eat“.

If you add one or two hands of DERBY® LUZERNE, DERBY® LUZERNE Pur or DERBY® TIMOTHEE-GRASS Pur to each



Alexander Kretschmer, product and application consultant

## DERBY® TIMOTHEE-GRASS Pur

Pure, gently air-dried Timothy grass

Particularities:

- + Molasses-free
- + Good structural impact (fiber length up to 5 cm)
- + Practical ration upgrade - also suitable for on the go

- ★ SUITABLE FOR HORSES WITH ALLERGIES
- ★ SUITABLE FOR HORSES WITH A SENSITIVE METABOLISM
- ★ HIGH DIGESTIBILITY

**Feeding recommendation:**

Quantities in kg/horse/day

Body weight	Purpose	
	Hay replacement	Upgrading of hay
200 kg	2.7 – 3.7 kg	1.8 – 2.3 kg
400 kg	4.0 – 5.5 kg	2.7 – 3.3 kg
600 kg	5.5 – 7.0 kg	3.5 – 4.0 kg



Available in: 15 kg bag.



Waiting period according to ADMR | none ✓



# FOR THE STARS OF TOMORROW



## DERBY® ZUCHTMÜSLI Plus

High-quality muesli with amino acids and trace elements for broodmares and stallions

Particularities:

- + The plus of DERBY® VITAL to support fertility
- + Without oats
- + Covers the increased energy and protein needs
- + Also suitable for breeding stallions
- + High content of vitamin E

- ★ VALUABLE AMINO ACIDS
- ★ MINERALS AND VITAMINS
- ★ SUPPORTS MILK PRODUCTION

### Feeding recommendation:

Quantities in kg/horse/day as sole crib feed in addition to sufficient hay or grass silage (with hay at least 1,5 kg/100 kg body weight)

Body weight	Broodmares: MP = month of pregnancy, ML = month of lactation			Stallions
	8. MP until birth*	From birth until 3. ML**	3. ML until weaning	
200 kg	0.5 – 1.0 kg	1.3 – 1.5 kg	1.0 – 1.5 kg	1.5 – 2.0 kg
400 kg	1.5 – 2.0 kg	2.5 – 3.5 kg	2.5 – 3.0 kg	2.5 – 3.5 kg
600 kg	2.0 – 3.0 kg	4.0 – 5.0 kg	3.5 – 4.5 kg	4.0 – 5.0 kg

\* In the last month of pregnancy, the broodmare may have a reduced feed intake. The amount of hay can then be reduced slightly, but it must be ensured that the hay is of excellent quality!

\*\* Slowly increase the amount within the course of the last month of lactation up to the indicated amount depending on quality and amount of pasture. **Offer sufficient fresh drinking water.**

Available in: 20 kg bag.



Waiting period according to | none ✓

## DERBY® ZUCHT

Pelleted concentrated feed for the optimal supply of breeding horses

Particularities:

- + High-quality protein elements have a positive impact on fertility, milk production and sperm production
- + With brewer's yeast and linseed for a high quality of protein

- ★ IMPROVED MILK PRODUCTION
- ★ OPTIMAL FOAL DEVELOPMENT
- ★ HIGH DIGESTIBILITY

### Feeding recommendation:

Quantities in kg/horse/day as sole crib feed in addition to sufficient hay or grass silage

MP = month of pregnancy, ML = month of life

Body weight	8. MP until birth	From birth until 3. ML and stallions depending on breeding activity	3. ML until weaning
200 kg	0.5 – 1.0 kg	1.5 – 2.0 kg	1.0 – 1.5 kg
400 kg	1.0 – 1.5 kg	3.0 – 4.0 kg	2.0 – 2.5 kg
600 kg	2.0 – 2.5 kg	4 – 5 kg	2.8 – 3.2 kg

### Foals:

Target weight of the foal	1–2. month	2–3. month	3. ML until weaning	Weaning until 11. month
200 kg	0.2 – 0.4 kg	0.4 – 0.5 kg	0.5 – 0.6 kg	0.6 – 1.0 kg
400 kg	0.3 – 0.5 kg	0.5 – 0.7 kg	0.7 – 1.0 kg	1.0 – 1.5 kg
600 kg	0.4 – 0.6 kg	0.6 – 0.8 kg	1.0 – 1.8 kg	1.8 – 2.2 kg

The specified amounts of feed depend on the quality of roughage used and the availability of pasture. In order to prevent orthopedic development disabilities, we recommend the early use of DERBY® Top Start and DERBY® Fohlen-Mineral.

Available in: 25 kg bag and loose.



Waiting period according to ADMR | none ✓

# FEEDING CALENDAR FOR BROODMARES\*:

FEED	HEAT (6. week before until 3. week after mating)	EARLY PREGNANCY (1.–8. month)	HEAVILY PREGNANT (9.–11. month)	LACTA- TING	FEEDING OBJECTIVE
DERBY® Carotin  or DERBY® Rosse-Support	200–250 g/day  40 g / day	–	–	–	Support of the mare's heat, ab- sorption and em- bedding of the ovum
DERBY® Top Start	–	–	40 ml/day	–	For better foal development
DERBY® Zucht or DERBY® Zuchtmüsli Plus	Increase feeding quantities slowly	1,5–2 kg/ day**	2–3,5 kg/ day	4–6 kg/ day	DERBY® ZUCHT or DERBY® ZUCHT- MÜSLI Plus
DERBY® Vital	200–250 g/day	–	200 g/day	500 g/day	For ration upgrade

\* The feeding quantities refer to mares with a body weight of 600 kg and are highly dependent on the roughage quality.

\*\* Adapted to work load and feeding condition.

## DERBY® ROSSE-SUPPORT

For an improved fertility of mares and stallions

Particularities:

- + With grape seed extract, which contains natural polyphenols that have an antioxidant effect
- + With beta carotene

- ★ SUPPORTS HEAT
- ★ IMPROVES THE FORMATION OF FOLLICLES
- ★ PROMOTES SPERM QUALITY

Feeding recommendation:

Body weight	Mares	Stallions
200 kg	15 g	15 g
400 kg	25 g	25 g
600 kg	40 g	40 g

Available in: 3 kg bucket.



Waiting period according to ADMR | none ✓



### How do I support my mare when she is in heat?

„Through the aid of adapted feeding or special supplements, we can not only provide the mare with optimal care, but also promote the heat. In the winter before the planned mating, the mare is provided with hay or grass silage and a low-energy and low-protein creep feed with sufficient mineralization. The ration should then be adjusted about 6 weeks before the planned mating date. In addition to an increased energy supply, the protein supply should be raised as well. It also makes sense to increase the vitamin E and beta-carotene content of the ration. For this, it is advised to feed DERBY® CAROTIN and DERBY® ROSSE-SUPPORT.“

**Daniela Graé, Product manager**



## DERBY® CAROTIN

Active ingredient concentrate to promote fertility in mares and stallions

Particularities:

- + Strengthens the natural defences of the unborn foal
- + Proven to be successful with problematic mares
- + For the support of heat

- ★ EFFECTIVE SUPPLY OF CAROTENE
- ★ FERTILITY ENHANCEMENT
- ★ GOOD FERTILISATION RATES

Feeding recommendation:

Divided into 2 daily doses		
Broodmares	4 weeks before mating until the mating date	200 g
	For the support of heat	200 – 250 g
	Up to 3 weeks after mating/insemination	100 – 150 g
	In the case of a problematic pregnancy	150 g
Stallions	For the assurance of sperm quality	150 g

Due to the higher content of vitamin D3 compared to complete feed, this supplementary feed may only be fed up to 8% of the daily ration.  
**Offer sufficient fresh drinking water.**

Available in: 5 kg bucket.



Waiting period according to ADMR | none ✓



## DERBY® FOHLENMILCH

High-quality milk replacer for a balanced development of the foal

Particularities:

- + Tasty due to skimmed milk and whey powder
- + With immunoglobulins to strengthen the immune system
- + With organically bound trace elements for an optimal foal development

- ★ OPTIMAL FOAL DEVELOPMENT
- ★ HIGH DIGESTIBILITY
- ★ ENSURES THE PRIMARY CARE

### Drinking plan:

180 g foal milk/l water, mixing temperature: 40 – 45 °C, drinking temperature: 35 – 40 °C

Age in days	Meals per day	Quantity in liters per meal
1.–2. day	20	0.25
3.–4. day	18	0.40
5.–6. day	16	0.50
7.–8. day	14	0.55
2. WL	12	0.85
3.–5. WL	8	1.65
6.–14. WL*	7	1.90
15. WL**	6	2.50
16. WL**	5	2.00
17. WL**	4	2.00
18.–20. WL**	2–4	2.00

\* The amount of foal milk depends on the intake of DERBY® FOHLENMÜSLI or DERBY® YOUNGSTAR.  
 \*\* The foal milk quantity and concentration is dependent on the intake of feed concentrated feed and planned weaning time (concentration gradually decreases to 150 g/l water in the 18th-20th week).  
**Note:** Foals normally suckle much more often at first. The frequency of watering should be adjusted to the individual development of the foal.

Available in: 20 kg bag and 5 kg bucket.



Waiting period according to ADMR | none ✓

## DERBY® IMMUN-START

For the support of foals' immune systems in the first days of life

Particularities:

- + Provides horse-specific immunoglobulins from egg powder
- + Supports the development of a healthy immune system

- ★ STRENGTHENS THE IMMUNE SYSTEM
- ★ INCREASE OF VITALITY
- ★ IMMUNOGLOBULINS

### Feeding recommendation:

5 – 30 ml DERBY® IMMUN-START / animal / day. Foals receive 15 ml for the first 8 hours of life, then 15 ml every 12 hours until the 72nd hour of life (three injectors).

Available in: 30 ml injector.



Waiting period according to ADMR | none ✓

## DERBY® FOHLENMÜSLI

Tasty starter muesli for a healthy start into horse life

Particularities:

- + Great taste
- + Ensuring a smooth foal development through a balanced supply of amino acids
- + With organically bound trace elements for optimal bone development

- ★ HIGH DIGESTIBILITY
- ★ OPTIMAL FOAL DEVELOPMENT
- ★ WITH ESSENTIAL AMINO ACIDS

### Feeding recommendation:

Quantities in kg/horse/day as sole crib feed in addition to sufficient hay or grass silage

Target weight of the foal	Age		
	2. WL - weaning	Weaning - 8. month	from the 8. month
200 kg	50 g – 0.8 kg slowly increasing	0.8 – 1 kg	slowly increasing
400 kg	120 g – 1.5 kg slowly increasing	1.5 – 2 kg	slowly increasing
600 kg	200 g – 2 kg slowly increasing	2.5 – 3 kg	slowly increasing

In order to prevent nutrition-related developmental disorders (OCD), the early administration of DERBY® TOP START and DERBY® FOHLEN-MINERAL is recommended.

Available in: 20 kg bag.



Waiting period according to ADMR | none ✓



## DERBY® TOP START

Liquid mineral paste for foals and mares

Particularities:

- + Very tasty
- + For heavily pregnant mares and suckling foals to optimize the supply of minerals
- + With organically bound trace elements for a regulated development of the musculoskeletal system

- ★ ORGANICALLY BOUND TRACE ELEMENTS
- ★ SUPPORT OF SKELETAL DEVELOPMENT
- ★ VITAMINS AND MINERALS

### Feeding recommendation:

For foals with a target weight of 500 – 600 kg

Age	amount to be administered/day
From 1. WL	5 – 10 ml, 2 – 3 times per week
From 4. WL	20 ml, 2 – 3 times per week
From 8. WL	20 ml, daily
From 12. – 30. WL	40 ml, daily
From 40. WL	20 – 40 ml daily depending on the amount of DERBY® FOHLENMÜSLI or DERBY® YOUNGSTAR used

Available in: 1 liter bottle.

Waiting period according to ADMR | none ✓



## DERBY® YOUNGSTAR

Pelleted starter feed for all foals, weanlings and yearlings

Particularities:

- + Essential amino acids provide the building blocks for intensive growth in young horses
- + The skeletal development is promoted by adjusted trace element and vitamin contents
- + Brewer's yeast serves for the development of a healthy intestinal flora

- ★ OPTIMAL FOAL DEVELOPMENT
- ★ MINERALS AND VITAMINS
- ★ HIGH PROTEIN QUALITY

### Feeding recommendation:

Quantities in kg/horse/day as sole crib feed in addition to sufficient hay or grass silage

Target weight of the foal	Age			
	From birth until 2. month	2. month until 4. month	4. month until weaning	Weaning until 12. month
200 kg	Feeding until 0.25 kg	0.25 – 0.5 kg	0.5 – 0.8 kg	0.8 – 1.0 kg
400 kg	Feeding until 0.5 kg	0.5 – 0.8 kg	0.8 – 1.2 kg	1.4 – 1.6 kg
600 kg	Feeding until 0.7 kg	0.7 – 1.0 kg	1.3 – 1.8 kg	1.8 – 2.2 kg

Offer sufficient fresh drinking water.

Available in: 25 kg bag.



Waiting period according to ADMR | none ✓



## DERBY® FOHLEN-MINERAL

Mineral feed for suckling foals and weanlings

Particularities:

- + Optimal supply of the growing foal with amino acids
- + Organically bound trace elements support a correct footing

- ★ ORGANIC TRACE ELEMENTS
- ★ MINERALS, VITAMINS
- ★ PREVENTS OCD

### Feeding recommendation:

With low use of supplemental feed in the suckling and weaning phase

Month of life	Final weight up to 300 kg	Final weight up to 500 kg	Final weight up to 700 kg
2. – 4. (suckling foal)	40 g/day	60 g/day	80 g/day
5. – 8. (weanling)	40 – 60 g/day*	60 – 80 g/day*	80 – 100 g/day*
9. – 12. (yearling)	40 – 80 g/day*	60 – 100 g/day*	80 – 120 g/day*

\*Adjust the amount of DERBY® FOHLEN-MINERAL to the weaning or yearling feed. Due to the higher content of vitamin D3 and trace elements compared to complete feed, this mineral feed may only be fed up to 1% of the daily ration.

Available in: 5 kg bucket.



Waiting period according to ADMR | none ✓

# NO METABOLISM WITHOUT MINERALS AND VITAMINS

*Why minerals and vitamins are so essential in horse feeding.*

Minerals and vitamins are essential for the survival of every organism. Plants need them just as much as animals and humans. Basically, minerals are divided into bulk elements and trace elements. The bulk elements include calcium, phosphorus, potassium, sodium, magnesium and sulphur. As a rule, bulk elements are expressed in grams. In contrast, trace elements only occur in small quantities (in „traces“) in the organism and are therefore stated in milligrams. They include selenium, zinc, iron, iodine, fluorine, manganese and others. Vitamins are divided into fat-soluble and water-soluble. The fat-soluble vitamins include vitamins A, D, E and K. All others are water-soluble.

All minerals and vitamins have vital functions in the body. These include buffering function (especially sodium compounds) to protect the stomach from over-acidification, maintenance of cell pressure (potassium), transmission of excitation in nerves and muscles (calcium and magnesium), involvement in blood clotting (vitamin K) and many more.

However, the minerals cannot only be considered individually. Often there are complex interactions among them. For example, a balanced ratio of calcium and phosphorus is needed. This should be 2:1. If this ratio is out of balance, damage to the bones can occur. Mineral feeds are characterised by a crude ash content of at least 40%. Usually, the feed mixtures offered (muesli and pellets) are already fully supplied with vitamins, minerals and trace elements. An additional use of mineral feed is only necessary if the indicated feeding recommendations are not met.

If your horse is fed primarily with oats and barley, a mineral feed is essential. It balances the calcium-phosphorus ratio and provides the necessary vitamins and minerals that the grain is missing. If vitamins and minerals are deficient, your horse's metabolism, well-being and performance will suffer.

Your horse has an existing ration and you are not quite sure if the mineralisation is correct? Contact us and we will optimise and evaluate your ration.

## THE FUNCTIONS OF MINERALS AND VITAMINS:

**CALCIUM, PHOSPHORUS:** building blocks of bones

**MAGNESIUM:** nerves and muscle tissue

**SODIUM, CHLORINE:** acid-base balance

**SULPHUR:** skin, hair, horn

**IRON:** blood and muscle pigment

**IOD:** component of thyroid hormones

**SELENIUM:** protects cells from oxidation

**ZINC:** carbohydrate and protein metabolism

**VITAMIN A:** protection of (mucous) membranes, positive effect on eyesight and fertility

**VITAMIN D:** promotes Ca and P absorption

**VITAMIN E:** antioxidant (protection of cells)

**VITAMIN K:** synthesis of blood clotting factors

**VITAMIN B<sub>1</sub>:** carbohydrate metabolism

**BIOTIN:** skin, hooves, hair

**FOLIC ACID:** metabolism of carbon groups

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## DERBY® MINERAL-PELLETS

Mineral and trace element supply for every horse

Particularities:

+ Supports all important metabolic and body functions

- ★ MINERALS, VITAMINS AND TRACE ELEMENTS
- ★ ENSURES PERFORMANCE
- ★ OPTIMIZES GRAIN RATIOS

### Feeding recommendation:

Quantities in g/horse/day as a supplement to grain rations with sufficient hay or grass silage

Body weight	Work load		
	Light	Medium	Hard
200 kg	30 – 40 g	40 – 50 g	50 – 70 g
400 kg	50 – 70 g	70 – 90 g	90 – 100 g
600 kg	80 – 100 g	100 – 120 g	120 – 150 g

Stud stallions and brood mares receive 120 – 150 g daily.

From the 1st to the 3rd year of life, ponies receive 80 g and large horses 120 g.

Available in: 10 kg bag, 25 kg bag, 10 kg bucket.



Waiting period according to ADMR | none ✓

## DERBY® SPORT-MINERAL

Mineral and trace element supply based on linseed meal

Particularities:

- + Based on linseed meal (29%)
- + Particularly high vitamin E content
- + Omega-3 and omega-6 fatty acids provide coat shine
- + Very tasty

- ★ CONTAINS MUCH VITAMIN E
- ★ PROVIDES COAT SHINE
- ★ ORGANICALLY BOUND TRACE ELEMENTS

### Feeding recommendation:

Quantities in g/horse/day as a supplement to grain rations with sufficient hay or grass silage

Body weight	Work load		
	Light	Medium	Hard
200 kg	30 g	50 g	75 – 125 g
400 kg	60 g	100 g	150 – 200 g
600 kg	90 g	150 g	250 – 300 g
700 kg	100 g	175 g	300 – 350 g

Available in: 7.5 kg bucket.



Waiting period according to ADMR | none ✓



See **DERBY® FOHLEN-MINERAL** on page 53.

## DERBY® WEIDEMINERAL

Minerals and vitamins in the form of handy sticks

Particularities:

- + Tasty, suitable for feeding by hand
- + A reliable supplier of trace elements and minerals all year round

- ★ MINERALS, VITAMINS AND TRACE ELEMENTS
- ★ FEEDING BY HAND
- ★ FORM OF HANDY STICK

**Feeding recommendation:**

Quantities in g/horse and day to sufficient pasturage and roughage

Horses (600 kg)	Yearlings	Ponies (300 kg)
100 – 150 g/day	75 – 100 g/day	50 – 75 g/day

Available in: 20 kg bag and 10 kg bucket.



Waiting period according to ADMR | **none** ✓

## DERBY® MINERAL-STICKS

Minerals and vitamins, grain-free in the form of handy sticks

Particularities:

- + Are tasty and can be fed by hand

- ★ GRAIN-FREE AND MOLASSES-FREE
- ★ MINERALS, VITAMINS AND TRACE ELEMENTS
- ★ FEEDING BY HAND

**Feeding recommendation:**

Quantities in g/horse/day as a supplement to non-mineralized and mineralized rations with sufficient roughage

Horses (600 kg)	Yearlings	Ponies (300 kg)
100 – 150 g/day	75 – 100 g/day	50 – 75 g/day

Due to the higher content of trace elements compared to complete feed, this mineral feed may only be fed up to 3% of the daily ration.

Available in: 7.5 kg bucket.



Waiting period according to ADMR | **none** ✓

## DERBY® MINERAL-LECKSCHALE

Suitable for all horses at pasture and in playpens

Particularities:

- + To prevent deficiency symptoms

- ★ MINERALS AND TRACE ELEMENTS
- ★ GROUP-HOUSING AND Paddock
- ★ FOR FREE INTAKE

**Feeding recommendation:**

Up to a maximum of 200 g per horse/day

Available in: 10 kg bowl.



Waiting period according to ADMR | **none** ✓

## DERBY® WEIDE-LICK

Mineral feed for horses - for the individual supply of bulk elements, trace elements and vitamins

Particularities:

- + To prevent deficiency symptoms

- ★ MINERALS AND TRACE ELEMENTS
- ★ GROUP-HOUSING AND Paddock
- ★ FOR FREE INTAKE

**Feeding instructions:**

DERBY® WEIDE-LICK is offered to horses for free intake on the pasture, on the paddock or in group-housing. Experience shows that the daily intake for a horse (500 kg LW) is approx. 150 g. The actual intake is influenced by the number of containers per animal group, basic feed availability and quality, age of the herd and proximity to the watering point. For larger groups, please set up several lick trays, protected from the weather if possible. Due to the higher contents of vitamin A, vitamin D3 and trace elements compared to complete feeds, feed only to horses up to three percent of the daily ration.

Available in: 60 kg bucket.



Waiting period according to | **none** ✓

# SUPPLEMENTS

Feed supplements for horses or as the icing on the cake.

In cases of increased work load, diseases, or in stress situations, horses can be supported by DERBY® supplements.

Especially in summer, the workload of many horses increases. Sport horses are ridden and presented at shows more often. If horses sweat severely, many electrolytes are excreted through sweat. In order to avoid the body's dysbalance, the losses of electrolytes should be compensated.

DERBY® ELEKTROLYT is suitable for this issue. It can be given dry over the feed or mixed into the drinking water. In the course of a recipe improvement, the quantities used have been reduced and the palatability improved.

But the horses at pasture can be supported during summer as well. As an example, the animal's attractiveness to insects can be reduced through the supplementation of DERBY® KNOBLAUCH. Thereby, it promotes calmness and reduces stress.

DERBY® MAGNESIUM can have a calming effect on sensitive and nervous horses. Due to the highly available magnesium citrate, an immediate effect can be realised. Magnesium also plays an important role in the metabolism, wherefore DERBY® VITAMIN E-SELEN contains it as well. This product prevents aching muscles through the high content of antioxidants. Vitamin E and selenium promote the relaxation of muscles.

DERBY® ELASTICUM is ideal if tendons, ligaments and joints need to be supported. This contains, among other things, collagen peptide, which serves as a nutrient for the tissue just mentioned. Here, the recipe was recently optimized and the quantities used were reduced as well.

The here-mentioned problem areas are only a small extract. Our product portfolio involves many other products about which you can obtain an overview on the following pages.

## DERBY® ELASTICUM

To support tendons, ligaments and joints

Particularities:

- + With 30 % collagen peptide
- + With important trace elements

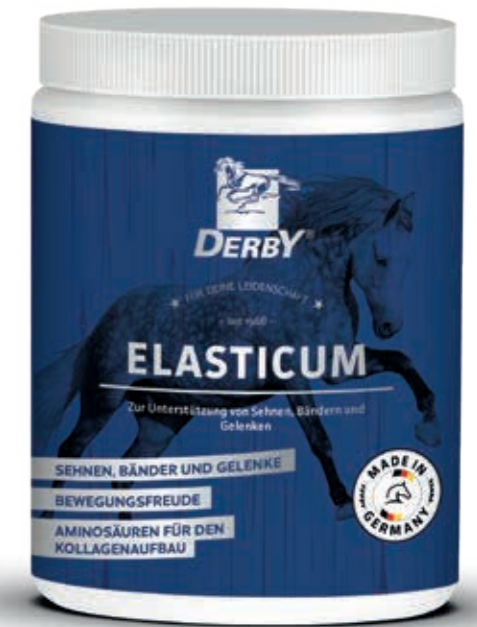
- ★ **TENDONS, LIGAMENTS AND JOINTS**
- ★ **MOTIVATION FOR MOVEMENT**
- ★ **AMINO ACIDS FOR THE FORMATION OF COLLAGEN**

Feeding recommendation:

Quantities in g/horse/day with regard to the body weight

Body weight	Daily dose
200 kg	10 g
400 kg	20 g
600 kg	30 g

Available in: 700 g can.



Waiting period according to ADMR | none ✓

## DERBY® GELAT

Supplementary feed for horses to support the connective tissue

Particularities:

- + To strengthen the connective tissue with diatomaceous earth
- + Nutrient supplement with high-quality amino acids

- ★ **WITH DIATOMACEOUS EARTH**
- ★ **SKIN, TENDONS, LIGAMENTS AND JOINTS**
- ★ **ESSENTIAL AMINO ACIDS AND TRACE ELEMENTS**

Feeding recommendation:

Quantities in g/horse/day with regard to the body weight

Body weight	Medium work load	work load
200 kg	10 g/day	30 g/day
400 kg	20 g/day	60 g/day
600 kg	30 g/day	80 g/day

Available in: 700 g can.



Waiting period according to ADMR | none ✓



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# IN TOP FORM

Great muscles, healthy and shiny coat as well as a content, motivated horse due to targeted feeding.


Besides a good training plan, it needs a good feeding plan in order to transform a lanky horse into a real muscleman.

Especially growing young horses, older horses or horses that had breaks from training often have difficulties building muscles. The supply with sufficient good feed, which has not been harvested very late, is

especially important. Then, the contents of raw protein are higher than with a late time of harvest.

Moreover, the concentrate rations must have a sufficient content of high-quality protein elements, the amino acids. Amino acids are important individual modules of the muscular system. If these are missing or are available in insufficient quantities in the rations, the horse cannot build muscles.



**Tip**  **Our support for the muscle build-up**  
 You train hard and the muscles still won't grow? Most likely, your horse's ration has an insufficient amount of amino acids, which are essential for an optimal muscle build-up. Our DERBY® AMINOTOP contains such important building blocks and can support your horse to build a powerful and defined musculature.

© Landgestüt Celle

## DERBY® MAGNESIUM

Dietetic feed for horses to minimize stress reactions

Particularities:

- + To minimize stress reactions

- ★ CALMNESS, STRENGTH, LOOSENESS
- ★ MINIMIZES STRESS REACTIONS
- ★ WITH ORGANICALLY BOUND MAGNESIUM CITRATE

Feeding recommendation:

Quantities in g/horse/day with regard to the body weight

Body weight	Daily dose
200 kg	20 g
400 kg	40 g
600 kg	60 g

Available in: 1 kg can.



Waiting period according to ADMR | none ✓

## DERBY® ZINK-SELEN Liquid

Targeted compensation in deficiency situations

Particularities:

- + Supports cell renewal and metabolism
- + Strengthens the immune system
- + Promotes healthy skin and coat structure

- ★ SUPPORTS THE IMMUNE SYSTEM
- ★ IN CASE OF INCREASED REQUIREMENTS
- ★ HIGH-DOSE SUPPLEMENTATION OF ZINC AND SELENIUM

Feeding recommendation:

Quantities in g/horse/day with regard to the body weight

Body weight	Support in the change of coat	Deficiency
200 kg	5 ml	10 ml
400 kg	10 ml	20 ml
600 kg	15 ml	30 ml

Available in: 1 litre bottle.



Waiting period according to ADMR | none ✓

## DERBY® E-SELEN

To promote a relaxed musculature

Particularities:

- + Radical catchers through vitamin E and selenium (reduces muscle soreness)
- + With organically bound selenium

- ★ RELAXED MUSCULATURE
- ★ ORGANICALLY BOUND SELENIUM
- ★ ANTIOXIDANTS

Feeding recommendation:

Quantities in g/horse/day with regard to the body weight

Body weight	Daily dose depending on work load g/day		
	Light	Medium	Hard
200 kg	5 g	10 g	20 g
400 kg	15 g	20 g	40 g
600 kg	25 g	30 g	60 g

Available in: 1 kg can.



Waiting period according to ADMR | none ✓

## DERBY® MUSKEL-SUPPORT

Vitamin E and magnesium for increased looseness

Particularities:

- + In addition to magnesium and vitamin E, it also contains manganese, but no selenium
- + Suitable for horses suffering from PSSM

- ★ RELAXED MUSCULATURE
- ★ MAINTENANCE OF HIGH LEVELS OF PERFORMANCE
- ★ SUPPORTS THE BUILDING OF MUSCLES

Feeding recommendation:

Quantities in g/horse/day with regard to the body weight

Body weight	Daily dose depending on work load g/day		
	Light	Medium	Hard
200 kg	5 ml	10 ml	15 ml
400 kg	10 ml	20 ml	30 ml
600 kg	20 ml	40 ml	60 ml

Available in: 1 kg bottle.



Waiting period according to ADMR | none ✓

Particularly popular in eventing with high sweat losses: the electrolytes. Andreas Ostholt, international event rider, relies on both the tried and tested DERBY® ELEKTROLYT in powder form and the new DERBY® ELEKTROLYT Liquid.

## DERBY® ELEKTROLYT

Serves to compensate for electrolyte losses

Particularities:

- + Prevents performance depression and disorders, such as loss of appetite

- ★ IN CASE OF HIGH SWEAT LOSS
- ★ MAINTENANCE OF HIGH LEVELS OF PERFORMANCE
- ★ ACCELERATED REGENERATION

**Feeding recommendation:**

Quantities in g/horse/day with regard to the body weight

Body weight	Daily dose depending on work load g/day		
	Light	Medium	Hard
200 kg	15 g	30 g	60 g
400 kg	30 g	60 g	120 g
600 kg	50 g	100 g	200 g

Available in: 1 kg can.



Waiting period according to ADMR | none ✓

## DERBY® ELEKTROLYT Liquid

To compensate for electrolyte losses

Particularities:

- + Prevents performance decline and problems, such as loss of appetite
- + Particularly tasty due to the liquid formula

- ★ IN CASE OF HIGH SWEAT LOSSES
- ★ MAINTAINS PERFORMANCE
- ★ ACCELERATED REGENERATION

**Feeding recommendation:**

Quantities in g/horse/day based on body weight.

Body weight	Daily dose depending on work load g/day		
	Light	Medium	Hard
200 kg	15 ml	20 ml	30 ml
400 kg	25 ml	40 ml	55 ml
600 kg	40 ml	60 ml	80 ml

Available in: 1 litre bottle.



Waiting period according to ADMR | none ✓



To additionally support your horse's fluid balance, you can offer him a very liquid mash on warm days. **DERBY® Mash** is particularly suitable for this purpose. Both **DERBY® Elektrolyte** and **DERBY® Elektrolyte Liquid** can be stirred into the mash very well.

# FOR A GOOD SKIN FEELING



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## DERBY® BIOTIN

To support the healthy growth of hoof, skin and hair

Particularities:

+ With 2,000,000 mcg biotin

- ★ BIOTIN, ZINC AND METHIONINE
- ★ GOOD HORN QUALITY
- ★ COAT GLOSS

**Feeding recommendation:**

Quantities in g/horse/day with regard to the body weight

Body weight	Daily dose
200 kg	5 g
400 kg	10 g
600 kg	15 g

Available in: 700 g can and 2.5 kg bucket.



Waiting period according to ADMR | none ✓

## DERBY® ALGENMINERAL

Mineral feed to supply horses with a tendency to eczema

Particularities:

- + Supports the skin's metabolism
- + High content of calcium

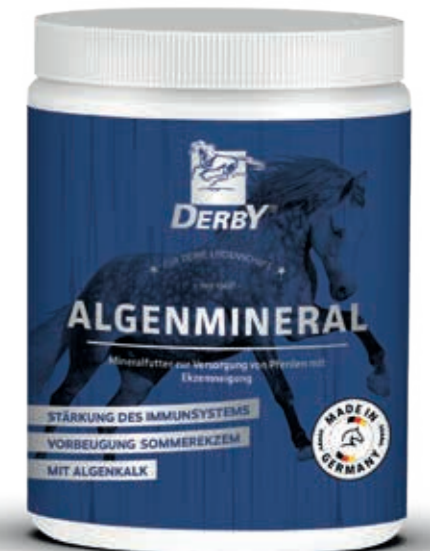
- ★ STRENGTHENING OF THE IMMUNE SYSTEM
- ★ PREVENTS SUMMER ECZEMA
- ★ WITH MARINE ALGAE

**Feeding recommendation:**

Quantities in g/horse/day with regard to the final weight

Body weight	Foals	Yearlings	Ridings horses	Breeding horses
200 kg	5-10 g	10-15 g	15-20 g	20-30 g
400 kg	10-15 g	20 g	30-40 g	50-60 g
600 kg	20 g	40 g	40-60 g	70-80 g

Available in: 1 kg can.



Waiting period according to ADMR | none ✓

## DERBY® KNOBLAUCH

Supplementary feed for horses to support insect repellent

Particularities:

- + Anti-inflammatory effect
- + Garlic improves blood flow

- ★ NATURAL INSECT REPELLENT
- ★ STIMULATES THE METABOLISM
- ★ SUPPORTS THE IMMUNE SYSTEM

**Feeding recommendation:**

Quantities in g/horse/day with regard to the body weight

Body weight	Presence of insects		
	Light	Medium	Strong
200 kg	5 g	10 g	20 g
400 kg	10 g	20 g	40 g
600 kg	15 g	30 g	60 g

Available in: 700 g can.



Waiting period according to ADMR | 48 hours !

# WHEN YOUR HORSE IS LACKING SOMETHING

Correct deficiency symptoms through targeted feeding

Various circumstances (e.g. illness, poor quality of soil or hay, stress, etc.) can lead to deficiency symptoms in trace elements. This can be shown by listlessness, exhaustion, susceptibility to diseases and a dull coat. It requires a fine sense for the right selection of a suitable supplement -

because an oversupply is just as harmful as a deficiency. If you have any questions, please contact our competent advisory team at any time.

## DERBY® ZINK+C

Supplementary feed for horses for targeted compensation

Particularities:

+ Supports the skin's metabolism and the immune system

- ★ ORGANIC ZINC COMPOUND
- ★ TARGETED ADDITION TO THE RATION
- ★ TASTY BASIC FORMULATION

**Feeding recommendation:**

Daily amounts in grams/day as a supplement to non-vitaminized and mineralized rations with sufficient roughage to balance the zinc requirement

Horses (600 kg)	Ponies (400 kg)
25 g/day*	15 g/day*

\* Please calculate the zinc deliveries from the basic ration of the horse (roughage and concentrated feed, if applicable, pasture) during this supplementation.

Available in: 1 kg can.

Waiting period according to ADMR | none ✓

## DERBY® KUPFER

Supplementary feed for horses

Particularities:

+ In the event of undersupply of copper

- ★ ORGANIC COPPER COMPOUNDS
- ★ TARGETED ADDITION TO THE RATION
- ★ TASTY BASIC FORMULATION

**Feeding recommendation:**

Daily information in grams/day as a supplement to non-vitaminized and mineralized rations with sufficient roughage to balance the copper requirement

Horses (600 kg)	Ponies (400 kg)	Broodmares (300 – 600 kg)
25 g/day*	15 g/day*	10 – 20 g/day*

\* Please calculate the copper supply from the basic ration (roughage and concentrated feed, if applicable, pasture) of your horse. 25 g DERBY® KUPFER already provide half of the copper requirement of a lactating mare (600 kg LW) in the first month of lactation.

Available in: 1 kg can.

Waiting period according to ADMR | none ✓

## DERBY® MANGAN

Supplementary feed for horses

Particularities:

+ For the targeted supplementation of manganese

- ★ CALMNESS, STRENGTH, LOOSENESS
- ★ REDUCES STRESS RESPONSES
- ★ WITH ORGANICALLY BOUND MAGNESIUM CITRATE

**Feeding recommendation:**

Daily information in grams/day as a supplement to non-vitaminized and mineralized rations with sufficient roughage to balance the manganese requirement

Body weight	Feeding quantity
200 kg	20 g
400 kg	40 g
600 kg	60 g

Available in: 1 kg can.

Waiting period according to ADMR | none ✓



## DERBY® DARM-SUPPORT

Dietetic feed for horses to compensate for chronic disorders of the large intestine

Particularities:

+ Increased reabsorption of water in the intestine  
+ Supports digestion

- ★ FOR FECAL WATER AND DIARRHEA
- ★ IMPROVES THE CONSISTENCY OF FECE
- ★ STABILIZES THE INTESTINAL FLORA

**Feeding recommendation:**


Amounts in g/horse/day with regard to the body weight and the severity of the digestive disorder

Body weight	weak (fecal water syndrome) to strong (diarrhea)
200 kg	25 g – 2 x 25 g/day
400 kg	50 g – 2 x 50 g/day
600 kg	75 g – 2 x 75 g/day

Available in: 3 kg bucket.



Waiting period according to ADMR | none ✓



### Fecal Water

The phenomenon of fecal water can have various causes, including stress and changes in feeding that can aggravate the symptoms. In order to prevent fecal water, horse owners should make any changes to the ration as slowly as possible and avoid stress.

Once the fecal water is there, DERBY® DARM-SUPPORT can help to get it under control again. The ingredients bind free water in the intestine. This optimizes the feces quality and reduces fecal water.

## DERBY® LEINÖL

Made from natural and cold-pressed linseed

Particularities:

+ For energetic upgrading of the ration  
+ Rich in unsaturated fatty acids

- ★ SUPPORTING THE CHANGE OF COAT
- ★ ADDITIONAL ENERGY SUPPLY
- ★ FOR SKIN, COAT AND HOOF HORN

**Feeding recommendation:**

Daily doses per horse and day for rations with sufficient hay or grass silage

Body weight	Work load		
	Light	Medium	Hard
200 kg	20 ml	40 ml	100 ml
400 kg	40 ml	80 ml	200 ml
600 kg	60 ml	120 ml	300 ml

Available in: 1 liter bottle, 5 liter can, 20 liter can.



Waiting period according to ADMR | none ✓

# TARGETED STRENGTHENING

Fit and vital throughout the year with a strengthened immune system



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Tip

As a concentrated feed, DERBY® VOLLKORN-MIX mit Kräutern supports the immune system with 16 selected herbs.



## DERBY® KRÄUTER

Supplementary feed for horses made from pure herbs

Particularities:

- + Supports the physiological defense function of the airways
- + Stimulates metabolic function and excretory function
- + Promotes secretion of digestive juices

- ★ WITH 17 HERBS
- ★ METABOLISM-STIMULATING
- ★ APPETIZING

Feeding recommendation:

Quantities in g/horse/day with regard to the body weight

Body weight	Daily dose
200 kg	10 – 20 g
400 kg	30 – 40 g
600 kg	50 – 60 g

Available in: 600 g can.



Waiting period according to ADMR | 48 hours !

## DERBY® BRONCHO-IMMUN

Herbal juice to support the respiratory tract and immune system

Particularities:

- + Supports the immune system in phases of increased risk of infection

- ★ SUPPORTS THE AIRWAYS
- ★ STRENGTHENS THE IMMUNE SYSTEM
- ★ WITH ZINC AND VITAMIN C

Feeding recommendation:

Quantities in ml/horse/day with regard to the body weight

Body weight	Cure	For permanent support
200 kg	15 ml twice a day	15 ml once a day
400 kg	25 ml twice a day	25 ml once a day
600 kg	40 ml twice a day	40 ml once a day

Available in: 1 liter bottle.



Waiting period according to ADMR | 48 hours !

## DERBY® VITA-BOOSTER

For additional supply with vitamins and enhancement of performance

Particularities:

- + Quick energy release
- + Promotes the formation of new blood cells
- + For additional supply of horses and foals with vitamins and trace elements

- ★ B-VITAMINS AND IRON
- ★ ENHANCES PERFORMANCE
- ★ ENERGY BOOSTER

Feeding recommendation:

Quantities in ml/horse/day with regard to the body weight

Body weight	Daily dose depending on work load g/day		
	Medium	Hard	Foal
200 kg	10 ml	15 ml	5 ml, 3 times a week
400 kg	20 ml	25 ml	10 ml, 3 times a week
600 kg	30 ml	40 ml	15 ml, 3 times a week

Available in: 1 liter bottle.



Waiting period according to ADMR | none ✓

## DERBY® MULTIVITAMIN

Supplementary feed for horses for quick and additional supply of vitamins

Particularities:

- + Improves fitness and well-being
- + Contains vitamins only, no trace elements

- ★ VITAMIN BOOSTER
- ★ COMPENSATES DEFICIENCIES
- ★ VITALIZATION

Feeding recommendation:

Quantities in ml/horse/day with regard to the body weight

Body weight	Daily dose depending on work load g/day		
	Light	Medium	Hard
200 kg	10 g	20 g	30 g
400 kg	20 g	40 g	60 g
600 kg	30 g	60 g	90 g

Available in: 700 g can.



Waiting period according to ADMR | none ✓

# FOR YOUR GLAMOROUS PERFORMANCE!

## Our product categories:

- Leather care
- Coat and mane care
- Hoof care
- Wound care



## DERBY® HORSE CARE PRODUCTS

With the DERBY® care series, you rely on products with unique quality and functionality. Selected ingredients have been processed according to the latest knowledge and offer you professional care for your horse and equipment. [www.derby.de](http://www.derby.de)

THE HEALTHY & TASTY  
REWARD



• PFERDE •  
LECKERBISSEN

IN 3 TASTY  
FLAVOURS



# OUR CLASSIC TREATS



**DERBY® KAROTTEN-STICKS**  
The tasty sticks with pieces of carrot  
Available in: 1 kg bag.



**DERBY® BANANEN-STICKS**  
The daily reward with banana for horses  
Available in: 1 kg bag.



**DERBY® APFEL-STICKS**  
The fruity snack for all horses and ponies  
Available in: 1 kg bag.



**DERBY® CANDY**  
The tasty reward for horses  
Available in: 1 kg and 3 kg bag.



**DERBY® GASTROLINIS**  
Stomach-friendly treat without grain and molasses  
Available in: 1 kg and 3 kg bag.



**DERBY® LECKER-LEICHT**  
The grain-free reward for horses  
Available in: 1 kg bag.

# OUR SPECIAL THANKS FOR YOUR FAVOURITE!



**DERBY® BANANEN-CANDY**  
For daily reward with banana flavour  
Available in: 1 kg bag.



**DERBY® ERDBEER-CANDY**  
For daily reward  
Available in: 1 kg bag.



**DERBY® APFEL-CANDY**  
For daily reward with apple flavour  
Available in: 2.5 kg bag.



**DERBY® KRÄUTER-CANDY**  
The herbal treat for all horses  
Available in: 1 kg und 3 kg bag.



**DERBY® ROTE-BETEE-CANDY**  
For daily reward  
Available in: 1 kg bag.

## ALL DECLARATIONS AT A GLANCE

Ingredients from A to Z

	Analytical components	Composition	Feed additives per kg
<b>ALGENMINERAL</b>	Calcium 20.00 %, Phosphorus 4.00 %, Sodium 5.00 %, Magnesium 1.25 %	Calcium carbonate; calcareous marine algae 25 %; monocalcium phosphate; sodium chloride	Nutritional additives: 300.000 IU vitamin A (3a672a); 37.500 IU vitamin D3 (3a671); 3.000 mg vitamin E (3a700); 50 mg vitamin B1 (3a821); 104 mg vitamin B2 (as riboflavine); 50 mg vitamin B6 (as pyridoxinhydrochloride 3a831); 500 mcg vitamin B12 (cyanocobalamin); 5 mcg biotin (3a880); 784 mg zinc as zinc oxide (3b603); 565 mg zinc as zinc-sulfate, monohydrate (3b605); 803 mg iron as ferrous carbonate (siderite) (3b101); 707 mg manganese as manganese oxide (3b502); 400 mg copper as cupric sulphate, pentahydrate (3b405); 60 mg iodine as calcium iodate, anhydrous (3b202); 150 mg calcium-D-pantothenate (3a841); 225 mg niacinamide (3a315); 12 mg selenium as sodium selenite (3b801)
<b>AMINOTOP</b>	Crude Protein 38.80 %, Crude Ash 3.60 %, Crude Fibre 7.40 %, Crude Fat 5.70 %, Calcium 0.21 %, Phosphorus 0.34 %, Sodium 0.12 %, Magnesium 0.15 %	Wheat gluten feed; 15,5 % threonine; 9,7 % sunflower meal; 9,4 % lysine; 8,7 % methionine; dextrose; lucerne meal; 4,0 % linseed meal; calcium carbonate; rape seed oil, refined; 2,72 % valine; 0,33 % tryptophan	
<b>APFEL-MASH</b>	Crude Protein 11.00 %, Crude Ash 5.00 %, Crude Fibre 10.00 %, Crude Fat 5.80 %, Calcium 0.55 %, Phosphorus 0.45 %, Sodium 0.40 %, Magnesium 0.15 %	Barley flakes, maize flakes (broken up), 15 % apple pulp, wheat bran, 9 % linseed (extruded), barley, 3 % carrots (dried, diced), beet molasses, calcium carbonate, BT brewer's yeast, linseed oil, sodium bicarbonate, carob pieces	Nutritional additives: 11.000 IU vitamin A as retinyl acetate (3a672a); 1.100 IU vitamin D3 (3a671); 275 mg vitamin E/all rac-alpha-tocopheryl acetate (3a700); 68 mg iron as iron(II) sulphate monohydrate (3b103); 8 mg copper as copper(II) sulphate, pentahydrate (3b405); 40 mg zinc as zinc oxide (3b603); 27 mg manganese as manganese(II) oxide (3b502); 0.20 mg selenium as sodium selenite (3b801); 0.4 mg iodine as calcium iodate, anhydrous (3b202) Technological additives: 130 mg sepiolit (E562)
<b>APFEL-CANDY</b>	Crude Protein 11.00 %, Crude Ash 8.00 %, Crude Fibre 19.00 %, Crude Fat 2.50 %, Calcium 1.00 %, Phosphorus 0.40 %, Sodium 0.25 %	Lucerne meal; oat hulls and bran; wheat; maize; sugar beet molasses	Nutritional additives: 1.000 IU vitamin A (3a672a); 2.000 IU vitamin D3 (3a671); 250 mg vitamin E (3a700)  Sensory additives: 100 mg apple flavour
<b>APFEL-MÜSLI</b>	Crude Protein 9.00 %, Crude Ash 6.00 %, Crude Fibre 16.0 %, Crude Fat 4.00 %, Calcium 1.00 %, Phosphorus 0.30 %, Sodium 0.75 %, Magnesium 0.10 %	46,1 % apple pulp; 35 % barley flakes; carob peaces; 3 % lucerne hay; pea flakes; 2 % sunflower seeds; linseed meal feed, extracted; calcium carbonate; linseed oil; sodium chloride; monocalcium phosphate; wheat bran	Nutritional additives: 12.000 IU vitamin A as retinyl acetate (3a672a); 1.200 IU vitamin D3 (3a671); 100 mg vitamin E/all rac-alpha-tocopheryl acetate (3a700); 180 mcg biotin (3a880); 48 mg iron as iron (II) carbonate (3b101); 6 mg copper as copper (II) sulphate, pentahydrate (3b405); 200 mg zinc as zinc oxide (3b603); 108 mg manganese as manganese (II) oxide (3b502); 1.0 mg iodine as calcium iodate, anhydrous (3b202); 0.25 mg selenium as sodium selenite (3b801); 1.0 mg iodine as calcium iodate, anhydrous (3b202)
<b>BALANCE</b>	Crude Protein 12.50 %, Crude Ash 9.50 %, Crude Fibre 23.50 %, Crude Fat 4.00 %, Calcium 1.20 %, Phosphorus 0.40 %, Sodium 0.55 %, Magnesium 0.15 %	52,9 % apple pulp, dried; 31,3 % lucerne meal; linseed meal feed, extracted, with stock; 2 % brewers' yeast; calcium carbonate; sodium chloride; monocalcium phosphate; rape seed oil	Nutritional additives: 15.000 IU vitamin A (3a672a); 1.625 IU vitamin D3 (3a671); 170 mg vitamin E (3a700); 26 mg copper as cupric sulphate, pentahydrate (3b405); 81 mg iron as ferrous carbonate (siderite) (3b101); 77,2 mg zinc as zinc oxide (3b605); 4 mg zinc as zinc-sulfate, monohydrate (3b605); 70 mg manganese as manganese oxide (3b502); 0,9 mg iodine as calcium iodate, anhydrous (3b202); 0,4 mg selenium as sodium selenite (3b801); 900 mcg biotin (30880); 40 mg vitamin C (3a300); 100 mg beta-carotene (3a160a); 8 mg vitamin B1 (3a821); 9 mg vitamin B2 as Riboflavin; 10 mg vitamin B6 as pyridoxine hydrochloride (3a831); 41 mcg vitamin B12 as cyanocobalamin; 30 mg calcium-D-pantothenate (3a841); 55 mg niacinamide (3a315) Technological additives: 15 mg sepiolite (E562)
<b>BANANEN-STICKS</b>	Crude Protein 10.50 %, Crude Ash 5.50 %, Crude Fibre 3.97 %, Crude Fat 4.00 %, Calcium 0.90 %, Phosphorus 0.35 %, Sodium 0.45 %, Magnesium 0.17 %	Wheat, oatmeal, barley, Wheat bran, beet molasses, corn (broken down), Barley (broken down), Dextrose, 2 % bananas, tr. Sweet whey powder, calcium carbonate, Sodium chloride	Technological additives: Formic acid (E236), Citric acid (E330), Lactic acid (E270), Propionic acid (E280)
<b>BERGWIESECOBS</b>	Crude Protein 9.00 %, Crude Fibre 28.00 %	Grasses, dried; meadow hay, dried	
<b>BIOTIN</b>	Crude Protein 6.5 %, Crude Ash 1.8 %, Crude Fibre 1.0 %, Crude Fat 1.0 %, Sodium 1.0 %	Dextrose; wheat semolina	Nutritional additives: 2.400 IU zinc as zinc oxide (3b603); 2.000.000 mcg biotin (3a880); 80.000 mg DL-methionine (3c304)
<b>BRONCHO-IMMUN</b>	Crude Protein 0.10 %, Crude Ash 0.40 %, Crude Fibre 0.01 %, Crude Fat 0.10 %, Sodium 0.05 %, Moisture 91.50 %	Dextrose, Propylenglykol	Nutritional additives: Vitamin C (3a300) 5.000 mg, zinc as clycine zinc chelate hydrate (3b607) 1.150 mg Sensory additives: Mixture of flavouring agents (extracts of echinacea, thyme, ivy, fennel, rosemary and eucalyptus) 13.000 mg Technological additives: Sodium propionate (E281), potassium sorbate (E202), citric acid (E330), xanthan gum (E415), glycerol polyethylene glycol ricinoleate (E484), caramel colour (E150c)
<b>CANDY</b>	Crude Protein 10.50 %, Crude Ash 4.50 %, Crude Fibre 4.50 %, Crude Fat 4.00 %, Calcium 0.40 %, Phosphorus 0.60 %, Sodium 0.40 %, Magnesium 0.18 %	Wheat, barley, oat middlings; maize, expanded; wheat bran; cane sugar molasses; by-products from the baking and pastry industry; carrots, dried; dextrose; monocalcium phosphate; sodium chloride	Technological additives: Formic acid (E236); citric acid (E330); lactic acid (E270); propionic acid (E280)
<b>CAROTIN</b>	Crude Protein 15.50 %, Crude Ash 5.50 %, Crude Fibre 6.00 %, Crude Fat 3.80 %, Calcium 0.25 %, Phosphorus 0.45 %, Sodium 0.05 %	Dextrose; wheat bran; yeast; brewers' grains, dried; pulp, molassed; linseed meal; rape seed oil	Nutritional additives: 500.000 IU Vitamin A (3a672a); 50.000 IU Vitamin D3 (3a671); 3.000 mg Vitamin E (3a700); 12.500 mcg biotine (3a880); 4.000 mg beta-carotene (3a160a); 175 mg Vitamin B1 (3a821); 300 mg Vitamin B2 (riboflavine); 305 mg Vitamin B6 (pyridoxinhydrochloride); 1.350 mcg Vitamin B12 (cyanocobalamin); 975 mg calcium D-pantothenate; 1.650 mg Niacine Niacinamide (3a315); 75 mg folic acid (3a316)
<b>COOL &amp; FIT</b>	Crude Protein 10.00 %, Crude Ash 4.25 %, Crude Fibre 7.00 %, Crude Fat 3.25 %, Calcium 0.65 %, Phosphorus 0.35 %, Sodium 0.15 %, Magnesium 0.15 %	30 % barley flakes; 22 % maize flakes; barley; lucerne meal; wheat bran; beet pulp, molassed; beet molasses; maize, expanded; wheat; sunflower meal feed, extracted, with stock; rape seed oil; calcium carbonate; raw plant glycerine; sodium chloride; monocalcium phosphate	Nutritional additives: 14.000 IU Vitamin A (3a672a); 2.250 IU Vitamin D3 (3a671); 200 mg Vitamin E (3a700); 150 mg Iron as ferrous sulphate, monohydrate (3b103); 0,8 mg Iodine as calcium iodate, anhydrous (3b202); 38 mg Copper (3b405) as cupric-(II)-sulphate, pentahydrate ; 150 mg Manganese (3b502) as manganese oxide, 105 mg Zinc (3b605) as zinc sulphate, monohydrate; 67 mg Zinc (3b603) as zinc oxide; 0,4 mg Selenium (3b801) sodium selenite; 584 mcg Biotin (3a880) Technological additives: 60 mg Sephiolite (E562)

	Analytical components	Composition	Feed additives per kg
<b>COUNTRY</b>	Crude Protein 11.0 %, Crude Ash 7.50 %, Crude Fibre 14.0 %, Crude Fat 2.70 %, Calcium 1.00 %, Phosphorus 0.40 %, Sodium 0.20 %, Magnesium 0.18 %	Oat hulls and bran, wheat bran, oats, barley, lucerne meal, wheat, beet pulp, molassed & dried, sugar beet molasses, rapeseed meal feed, extracted, calcium carbonate, sodium chloride, monocalcium phosphate	Nutritional additives: 15.000 I.U. vitamin A as retinyl acetate (3a672a), 1.500 I.U. vitamin D3 (3a671), 150 mg vitamin E/ all rac-alpha-tocopheryl acetate (3a700), 470 mcg biotin (3a880), 80 mg iron as iron (II) carbonate (3b101), 18 mg copper as copper (II) sulphate, pentahydrate (3b405), 90 mg zinc as zinc oxide (3b603), 90 mg manganese as manganese(II) oxide (3b502), 0.32 mg selenium as sodium selenite (3b801), 0.38 mg iodine as calcium iodate, anhydrous (3b202)
<b>COUNTRY-MIX</b>	Crude Protein 11.00 %, Crude Ash 7.50 %, Crude Fibre 8.70 %, Crude Fat 3.20 %, Calcium 1.35 %, Phosphorus 0.40 %, Sodium 0.35 %, Magnesium 0.15 %	29 % maize flakes, 26 % barley flakes, 15.6 % lucerne meal, 7 % wheat bran, 6 % lucerne hay, beet molasses, spelt husks, wheat, calcium carbonate, linseed meal feed, extracted, sodium chloride, linseed oil, monocalcium phosphate	Nutritional additives: 18.000 I.U. vitamin A as retinyl acetate (3a672a), 1.800 I.U. Vitamin D3 (3a671), 180 mg vitamin E/all rac-alpha-tocopheryl acetate (3a700), 270 mcg biotin (3a880), 72 mg iron as ferrous carbonate (3b101), 9 mg copper as copper (II) sulphate, pentahydrate (3b405), 180 mg zinc as zinc oxide (3b603), 162 mg manganese as manganese(II) oxide (3b502), 0.38 mg selenium as sodium selenite (3b801), 1.4 mg iodine as calcium iodate, anhydrous (3b202)
<b>DARM-SUPPORT</b>	Crude Protein 3.00 %, Crude Ash 3.00 %, Crude Fibre 45.00 %, Crude Fat 3.00 %, Calcium 0.15 %, Phosphorus 0.10 %, Sodium 0.30 %	50 % lignocellulose (Opticell), 31 % apple pulp, 10 % carob flour, 4 % carrots, dried, 2 % rape seed oil, cold-pressed	Digestibility enhancer: 300 x 109 CFU Saccharomyces cerevisiae NCYC Sc 47 (4b1702)
<b>DRESSAGE</b>	Crude Protein 13.50 %, Crude Ash 7.00 %, Crude Fibre 10.00 %, Crude Fat 5.80 %, Calcium 1.25 %, Phosphorus 0.45 %, Sodium 0.25 %, Magnesium 0.20 %	31 % barley flakes; maize flakes; 16 % apple pulp; linseed meal, extracted; pea flakes; BT-brewer's yeast; lucerne hay; linseed oil; pulp, molassed; calcium carbonate; 2 % beetroot; monocalcium phosphate; magnesium fumarate; magnesium oxide	Nutritional additives: 10.000 I.U. vitamin A as retinyl acetate (3a672a), 800 I.U. vitamin D3 (3a671), 600 mg vitamin E/all rac-alpha-tocopheryl acetate (3a700), 300 mcg biotin (3a880), 53 mg iron as iron (II) carbonate (3b101), 25 mg copper as copper (II) sulphate, pentahydrate (3b405), 250 mg zinc as zinc oxide (3b603), 150 mg manganese as manganese(II) oxide (3b502), 0.30 mg selenium as sodium selenite (3b801), 0.3 mg iodine as calcium iodate, anhydrous (3b202)
<b>ELASTICUM</b>	Crude Protein 47.80 %, Crude Ash 7.20 %, Crude Fibre 1.80 %, Crude Fat 3.10 %, Sodium 0.10 %	Brewers' yeast (Saccharomyces cerevisiae); collagen peptide 30 %; dextrose; grounded herbs and spice plants (parsley, yucca, fennel, rosemary, oregano and aniseed)	Nutritional additives: 8.000 I.U. vitamin D3 (E671); 20.000 mg vitamin E (all rac-alpha-Tocopherylacetate 3a700); 4.000 mg iron as ferrous chelate of glycine, hydrate (3b108); 4.000 mg zinc as zinc chelate of glycine hydrate (3b607); 2.000 mg copper as cupric chelate of glycine, hydrate (3b413); 5.0 mg organic form of selenium produced by saccharomyces cerevisiae CNCM I-3060 3b8.10
<b>ELEKTROLYT</b>	Calcium 0.05 %, Sodium 16.00 %, Phosphorus 0.10%, Magnesium 0.20 %, Potassium 10.10 %	sodium chloride; glucose; sodium bicarbonate; magnesium phosphate	
<b>ERDBEER-CANDY</b>	Crude protein 9.40 %, Crude ash 3,70 %, Crude fat 8,70 %, Crude fiber 2.50 %, sodium 0,39 %	Wheat, maize, strawberry powder (4 %), palm oil, sodium chloride, calcium carbonate	Technological additives: Formic acid (E236), Citric acid (E330), Lactic acid (E270), Propionic acid (E280)
<b>E-SELEN</b>	Calcium 12.50 %, Magnesium 4.40 %, HCl-insoluble ash 3.50 %	Dextrose; calcium carbonate; magnesium oxide; sunflower oil (refined)	Nutritional additives: 35.000 mg vitamin E (3a700); 20 mg organic form of selenium produced by saccharomyces cerevisiae CNCM I-3060 (selenised yeast inactivated) (3b8.10)
<b>FASER-PLUS</b>	Crude Protein 10.60 %, Crude Ash 9.70 %, Crude Fibre 19.70 %, Crude Fat 8.40 %, Calcium 1.00 %, Phosphorus 0.50 %, Sodium 0.30 %, Magnesium 0.25 %	22 % Timothy grass flakes; green meal; lucerne choppings, cleaned; apple pulp; dried choppings; carob; 5 % esparsette; rape seed oil; linseed, heat treated; carrot, dried; 2.9 % brewer's yeast; pea flakes; wheat straw, chopped, undusted; barley straw, chopped, undusted; calcium carbonate	Nutritional additives: 12.500 I.U. Vitamin A (3a672a); 1.800 I.U. Vitamin D3 (3a671); 470 mg Vitamin E (3a700); 6 mg Copper as Cu-(II)-chelate of amino acids, hydrate (3b406); 31.0 mg Copper as Cu-(II)-sulphate, pentahydrate (3b405); 17 mg Iron as Iron(II) chelate of amino acids, hydrate (3b106); 23 mg Iron as Fe-(III)-fumarate (3b105); 58 mg Iron as Fe-(II)-sulphate, monohydrate (3b103); 1.2 mg Iodine as Calcium iodate, anhydrous (3b202); 0.3 mg cobalt as coated granulated cobalt(II) carbonate (3b304); 0.1 mg cobalt as alkaline cobalt-(III)-carbonate, monohydrate (3b302); 12 mg Manganese as Manganese chelate of amino acids, hydrate (3b504); 58 mg Manganese as Mn-(II)-oxide (3b502); 23 mg Zinc as Zinc chelate of amino acids hydrate (3b606); 124,0 mg Zinc as Zinc oxide (3b603); 0.40 mg Selenium as sodium selenite (3b801)
<b>FOHLENMILCH</b>	Crude Protein 21.00 %, Crude Ash 8.00 %, Crude Fibre 0.05 %, Crude Fat 12.00 %, Calcium 1.20 %, Phosphorus 0.60 %, Sodium 0.40 %, Magnesium 0.20 %	Skimmed milk powder; whey powder; whey protein powder; vegetable fat (palm/coconut/rape); dextrose; whey powder, partially desugared; egg powder, immunoglobulin-rich; crude lecithin (soya); vegetable fatty acid (palm)	Nutritional additives: 25.000 IU Vitamin A (3a672a); 4.000 IU Vitamin D3 (3a671); 300 mg Vitamin E (3a700); 750 mg Vitamin C (3a300); 4.000 mg DL-methionine (3.1.1); 15 mg copper as cupric chelate of glycine, hydrate (3b413); 40 mg manganese as a glycine-manganese chelate hydrate (3b506); 75 mg zinc as zinc chelate of glycine hydrate (3b607); 2 mg iodine as calcium iodate, anhydrous (3b202); 0.2 mg selenium as sodium selenite (3b801); Selenium as Selenomethionine CNCM I-3399 (3b8.12) Technological additives: Citric acid (E330); potassium sorbate (E202)
<b>FOHLEN-MINERAL</b>	Calcium 11.00 %, Phosphorus 8.50 %, Sodium 1.00 %, Magnesium 1.00 %	Monocalcium phosphate; maize, expanded; wheat gluten feed; CA-Na-phosphate; calcium carbonate; apple pulp, dried; magnesium phosphate; rape seed oil	Nutritional additives: 240.000 I.U. Vitamin A (3a672a); 30.000 I.U. Vitamin D3 (3a671); 4.400 mg Vitamin E (3a700); 2.100 mg Vitamin C (3a300); 220 mg Vitamin B1 (3a821); 240 mg Vitamin B2 (as Riboflavin); 260 mg Vitamin B6 as pyridoxin hydrochloride (3a831); 1.100 mcg Vitamin B12; 600 mg copper as cupric chelate of glycine, hydrate (3b413); 2.010 mg iron as ferrous carbonate (siderite) (3b101); 1.995 mg zinc as zinc chelate of glycine hydrate (3b607); 1.002 mg manganese as a glycine-manganese chelate hydrate (3b506); 8 mg iodine as calcium iodate, anhydrous (3b202); 11 mg selenium as sodium selenite (3b801); 10.9 mg Cobalt (as cobalt(II) carbonate 3b304); 5 mg Biotin (3a880); 850 mg calcium-D-pantothenate (3a841); 500 mg choline chloride (3a890); 1.410 mg Niacine Niacinamide (3a315); 30 mg folic acid (3a316) Technological additives: 17 mg Butylhydroxytoluol (BHT E321); 7 mg Propylgallat (E310); 25 mg citric acid (E330)
<b>FOHLENMÜSLI</b>	Crude Protein 15.10 %, Crude Ash 6.30 %, Crude Fibre 5.10 %, Crude Fat 4.50 %, Calcium 1.00 %, Phosphorus 0.50 %, Sodium 0.40 %	Barley flakes; wheat flour; linseed expelled; lupine flakes; wheat flakes; expanded; barley; carob; barley, expanded; pea flakes; wheat semolina; maize gluten feed; glucose; molasses; calcium carbonate; sunflower oil; whey powder; brewers' yeast; monocalcium-phosphate; sunflower meal, extracted; sodium chloride; maize gluten flour; magnesium oxide	Nutritional additives: 40.030 I.U. Vitamin A (3a672a); 4.122 I.U. Vitamin D3 (3a671); 203 mg Vitamin E (3a700); 60 mg manganese as manganese oxide (3a502); 45 mg zinc as zinc-sulfate, monohydrate (3b605); 80 mg zinc as zinc chelate of glycine hydrate (3b607); 10 mg copper as cupric sulphate, pentahydrate (3b405); 10 mg copper as cupric chelate of glycine, hydrate (3b413); 68 mg iron as ferrous sulphate, monohydrate (3b103); 3 mg iodine as calcium iodate, anhydrous (3b202); 0.2 mg selenium as sodium selenite (3b801); 0.2 mg selenium (organically bound from Saccharomyces cerevisiae NCYC R397 3b8.12)

	Analytical components	Composition	Feed additives per kg
<b>GASTRO-FORTE</b>	Crude Protein 7.40 %, Crude Ash 37.30 %, Crude Fibre 9.00 %, Crude Fat 5.20 %, Calcium 6.60 %, Phosphorus 3.27 %, Sodium 1.60 %, Magnesium 3.27 %, Methionine 0.12 %	25.0 % apple pulp, dried; wheat gluten feed; calcium carbonate; linseed meal feed, extracted with stock; 5.0 % sodium bicarbonate; 5.0 % seaweed meal; 3.2 % magnesium phosphate; 3.0 % magnesium oxide; 2.0 % magnesium acetate; rapeseed oil; 2.0% magnesium citrate; brewers' yeast; brewers' grains; beet pulp, molassed, dried	100.00 x 10 to the power of 9 CFU Yeast from Saccharomyces cerevisiae NCYC SC 47 (4b1702) Nutritional additives: 1.500 mg choline chloride (3a890) Technological additives: 30.000 mg rapeseed lecithin (E322)
<b>GASTROLINIS</b>	Crude Protein 11.50 %, Crude Ash 7.50 %, Crude Fibre 25.00 %, Crude Fat 3.50 %, Calcium 0.90 %, Phosphorus 0.25 %, Sodium 0.55 %	Apple pulp, dried; lucerne meal; linseed meal feed, extracted with stock; plant fatty acids; 2 % herbs, dried (equal parts anise, fennel and caraway)	
<b>GASTRO-MASH</b>	Crude Protein 22.50 %, Crude Ash 8.50 %, Crude Fibre 21.50 %, Crude Fat 3.00 %, Calcium 1.10 %, Phosphorus 0.55 %, Sodium 0.10 %, Magnesium 0.25 %	Lucerne meal 44,20 %; linseed meal feed, extracted, with stock 15,00 %; sunflower meal feed, extracted, with stock 12,50 %; soya meal feed (HP), dehulled, extracted, toasted, with stock 10,00 %; apple pulp, dried 10,00 %; rape seed meal, extracted, with stock; carrot, dried; brewer's yeast 1,00 %, KIESELGUR (Diamol); rape seed oil. Feed contains DERBY® Gastro-Plus complexe	Technological additives: Formic acid (E236); propionic acid (E280)
<b>GASTRO-MIX</b>	Crude Protein 11.20 %, Crude Ash 8.90 %, Crude Fibre 18.70 %, Crude Fat 8.30 %, Calcium 0.55 %, Phosphorus 0.50 %, Sodium 0.30 %, Magnesium 1.00 %	Green meal; timothy grass flakes; apple pulp 10 %; pea flakes; carob; wheat straw (chopped, dedusted, thermally treated); hay of timothy grass (chopped, dedusted); rape seed oil; pulp, dried; esparsette, chopped, cleaned 3,0 %; calcareous marine algae 2,5 %, brewers' yeast 2,5 %; linseed, thermally treated; carrots, dried; rape seed meal feed, extracted, with stock; herbal mixture (coriander, peppermint, nettle, camomile)	Nutritional additives: 14.400 I.U. Vitamin A (3a672a); 1.600 I.U. Vitamin D 3 (3a671); 100 mg Vitamin E (3a700); 24 mg Copper as CU-(II)-sulphate, pentahydrate (3b405); 80 mg Iron as Fe-(II)-sulphate, monohydrate (3b103); 0,8 mg Iodine as Calcium iodate, anhydrous (3b202); 0,4 mg Cobalt (coated cobalt(II) carbonate granules 3b304); 48 mg Manganese as Mn-(II)-oxide (3b502); 96 mg Zinc as Zinc oxide (3b603); 0,40 mg Selenium as sodium selenite (3b801); 0,2 g L-Tryptophan, technically pure (3.4.1)
<b>GASTRO-SPORT</b>	Crude Protein 14.50 %, Crude Ash 9.00 %, Crude Fibre 21.00 %, Crude Fat 5.50 %, Calcium 1.10 %, Phosphorus 0.35 %, Sodium 0.50 %, Magnesium 0.00 %, Lysine 2.00 %, Tryptophane 0.50 %, Methionine 0.25 %	Apple pulp, dried 53.9 %, sunflower meal feed with stock, linseed meal feed with stock 9 %, beet molasses, dried 8.3 %, lucerne meal, canola oil, calcium carbonate, brewer's yeast, sodium carbonate, seaweed meal 0.5 %, brewer's grains, magnesium citrate 0.3 %, sodium chloride, magnesium oxide 0.2 %, magnesium phosphate	Nutritional additives: 18.000 IU vitamin A (3a672a); 3.000 IU vitamin D3 (3a671); 500 mg vitamin E (3a700); 15 mg copper (3b405) as Cu-(II)-sulphate, pentahydrate; 90 mg iron as Fe-(II)-carbonate (siderite) (3b101); 62,5 mg zinc as zinc oxide (3b603); 8 mg zinc as zinc sulphate, monohydrate (3b605); 80 mg manganese as Mn-(II)-oxide (3b502); 0,8 mg iodine as Ca-iodate, anhydrous (3b202); 0,30 mg selenium as sodium selenite (3b801); 7 mg vitamin B1 (3a821); 12 mg vitamin B2 as Riboflavin; 11 mg vitamin B6 as pyridoxine (3a831); 55 mcg vitamin B12 cyanocobalamin; 33 mg calcium-D-pantothenate (3a841); 62 mg niacinamide (3a315); 5 mg folic acid (3a316) Technological additives: 15,0 mg sepiolit (E562), 12.000 mg rapeseed lecithin (E322)
<b>GELAT</b>	Crude Protein 44.00 %, Crude Ash 10.80 %, Crude Fibre 0.35 %, Crude Fat 0.50 %, Calcium 0.07 %, Phosphorus 1.30 %, Sodium 0.27 %	Yeast from Saccharomyces cerevisiae (85 %), wheat semolina, vegetable oil (rapeseed)	Nutritional additives: 60.000 mg lysine as L-lysine-monochloride 3.2.3; 13.000 mg DL-methionine (technically pure) (3c301); 30.000 mg L-threonine (3.3.1); 175 mg vitamin B1 (3a821); 250 mg vitamin B2 (as riboflavin); 300 mg vitamin B6 (as pyridoxinhydrochloride 3a831); 1.000 mcg vitamin B12 (as cyanocobalamin); 1.000 mg calcium-D-pantothenate (3a841); 3.200 mg choline chloride (3a890); 1.500 mg niacinamide (3a315); 10.000 mg vitamin C (3a300); 2.500 mg copper as cupric sulphate, pentahydrate (3b405); 7.500 mg zinc as zinc oxide (3b603); 18.600 mg methionine and cysteine; 3.600 mg tryptophan Technological additives: 5.000 mg diatomaceous earth (E551c)
<b>GLÜCKSKEKSE</b>	Crude Protein 8.9 %, Crude Ash 3.9 %, Crude Fibre 4.9 %, Crude Fat 8.2 %, Sodium 0.4 %	53 % maize; 35 % wheat; 1,3 % carrots, dried; lucerne meal; parsley; rapeseed oil, dried; calcium carbonate; sodium chloride; pea flour; pepper extract; turmeric	
<b>IMMUN-START</b>	Crude Protein 11.50 %, Crude Ash 2.70 %, Crude Fat 51.00 %, Sodium 0.20 %	Sunflower oil; glucose; egg products, dried 27.0 %	190.000 I.U. vitamin A (E 672); 19.000 I.U. vitamin D3 (E 671); 1.900 mg vitamin E (all rac- -Tocopherylacetat, 3a 700)
<b>KAROTTEN-MÜSLI</b>	Crude Protein 10.00 %, Crude Ash 5.70 %, Crude Fibre 12.30 %, Crude Fat 3.50 %, Calcium 0.90 %, Phosphorus 0.30 %, Sodium 0.60 %, Magnesium 0.10 %	Barley flakes; 25 % apple pulp; 7 % carrot crisps; carob pieces; pea flakes; sugar cane molasses; 3 % lucerne hay; 3 % sunflower seeds; linseed meal feed, extracted, calcium carbonate; beet root; sodium chloride; linseed oil; monocalcium phosphate; wheat bran	12.000 I.U. vitamin A as retinyl acetate (3a672a), 1.200 I.U. vitamin D3 (3a671), 100 mg vitamin E/all rac-alpha-tocopheryl acetate (3a700), 180 mcg biotin (3a880), 48 mg iron as iron (II) carbonate (3b101), 6 mg copper as copper (II) sulphate, pentahydrate (3b405), 200 mg zinc as zinc oxide (3b603), 108 mg manganese as manganese(II) oxide (3b502), 0.25 mg selenium as sodium selenite (3b801), 1.00 mg iodine as calcium iodate, anhydrous (3b202) Technological additives: Formic acid (E236), propionic acid (E280)
<b>KAROTTEN-STICKS</b>	Crude protein 10.50 %, Crude ash 4.50 %, Crude fat 4.00 %, calcium 0.40 %, Crude fiber 4.50 %, phosphorus 0.60 %, sodium 0.40 %, magnesium 0.18 %	Wheat, barley, oatmeal, Wheat bran, corn (digested), Beet molasses, barley (broken down), bakery products, 3.0% carrots, tr, Dextrose, monocalcium phosphate, Sodium chloride	Technological additives: Formic acid (E236); citric acid (E330); lactic acid (E270); propionic acid (E280)

	Analytical components	Composition	Feed additives per kg
<b>KNOBLAUCH</b>	Crude Protein 10.50 %, Crude Ash 4.50 %, Crude Fibre 6.50 %, Crude Fat 1.20 %	60 % garlic, grounded; dextrose; wheat semolina; vegetable oil (rapeseed)	Nutritional additives: 2.000 mg vitamin B1 (3a821); 3.000 mg vitamin B2 (as riboflavine); 12.000 mg calcium-D-pantothenate (3a841); 18.000 mg niacinamide (3a315); 3.600 mg vitamin B6 (as pyridoxinhydrochloride 3a 831); 12.000 mcg vitamin B12 (cyanocobalamin)
<b>KRÄUTER</b>	Crude Protein 16.80 %, Crude Ash 10.90 %, Crude Fibre 14.30 %, Crude Fat 6.10 %, Calcium 1.50 %, Phosphorus 0.30 %, Sodium 0.08 %, Magnesium 0.32 %	16 % fenugreek seeds; 15 % liquorice root; 13 % nettle leaves; 8 % ribwort; 7 % echinacea; 6 % rosemary leaves; 6 % yarrow; 5 % peppermint; 3 % hawthorn; 3 % chamomile; 3 % Icelandic moss; 3 % fennel (bitter); 3 % anise; 3 % curcuma root; 2 % marshmallow root, unpeeled; 2 % coltsfoot leaves; 2 % artemisia absinthium	
<b>KRÄUTER-CANDY</b>	Crude Protein 11.00 %, Crude Ash 2.00 %, Crude Fibre 2.50 %, Crude Fat 9.00 %, Calcium 0.07 %, Phosphorus 0.40 %, Sodium 0.01 %	wheat flour; maize flour; maize; oat flakes; soya lecithin; linseed; 0,5 % herbs (0,1 % thyme; 0,1 % coltsfoot; 0,1 % Icelandic moss; 0,1 % goldenrod; 0,1 % hibiscus flowers)	
<b>KUPFER</b>	Crude Protein 5.50 %, Crude Ash 29.30 %, Crude Fibre 2.25 %, Crude Fat 1.35 %, Calcium 3.25 %, Phosphorus 0.13 %, Sodium 3.85 %, Magnesium 0.11 %	Dextrose; 20 % brewers' yeast, bount to spent grains; 10 % sodium chloride, Kieselerde; calcium carbonate; rape seed oil, refined	Nutritional additives: 2.400 mg copper as cupric chelate of glycine, hydrate (3b413)  Technological additives: 100.000 mg sepiolite (Kieselgur) (E562)
<b>LECKERBISSEN APFEL</b>	Crude Protein 11,0 %, Crude Ash 8,5 %, Crude Fibre 9,5 %, Crude Fat 3,5 %, Calcium 1,35 %, Phosphorus 0,6 %, Sodium 0,5 %	Wheat; Oat middlings; Wheat bran; Apple pulp (15 % dried); Lucerne meal; Beet molasses; Calcium carbonate; Dextrose (glucose); By-products from the baking and pastry industry; Monocalcium phosphate; Sodium chloride	Technological additives: Formic acid (E236); Citric acid (E330); Lactic acid (E270); Propionic acid (E280)
<b>LECKERBISSEN BANANE</b>	Crude Protein 10,5 %, Crude Ash 5,5 %, Crude Fibre 3,7 %, Crude Fat 4,0 %, Calcium 0,9 %, Phosphorus 0,35 %, Sodium 0,45 %, Magnesium 0,17 %	Wheat; Oat middlings; Barley; Wheat bran; Maize (expanded); Beet molasses; Dextrose (glucose); Bananas (dried 2 %); Sweet whey powder; Calcium carbonate; Sodium chloride	Technological additives: Formic acid (E236); Citric acid (E330); Lactic acid (E270); Propionic acid (E280)
<b>LECKERBISSEN MÖHRE</b>	Crude Protein 10.50 %, Crude Ash 4.50 %, Crude Fibre 4.50 %, Crude Fat 4.00 %, Calcium 0.40 %, Phosphorus 0.90 %, Sodium 0.40 %, Magnesium 0.17 %	Wheat, barley, oatmeal, corn (digested), wheat bran, beet molasses, bakery products, carrots (dried 2 %), dextrose, monocalcium phosphate, sodium chloride	Technological additives: Formic acid (E236); citric acid (E330); lactic acid (E270); propionic acid (E280)
<b>LECKER-LEICHT</b>	Crude Protein 11.00 %, Crude Ash 7.50 %, Crude Fibre 25.00 %, Crude Fat 3.50 %, Calcium 0.90 %, Phosphorus 0.25 %, Sodium 0.55 %	Apple pulp, dried; lucerne meal; linseed meal, extracted with stock; plant fatty acids; vegetable oil (soya)	
<b>LEINÖL</b>	Linolenic acid 51.8 %, oleic acid 21.14 %, linoleic acid 15.65 %, palmitic acid 5.71 %, stearic acid 4.56 %	Dry matter 99.9 %, crude fat 99.9 %	
<b>LUZERNE</b>	12.2 % Crude protein, 2.4 % Crude fat, 32.1 % Crude fiber, 1.2 % calcium, 03 % phosphorus, 0.08 % sodium	75 % alfalfa hot air dried, 15 % green oats hot air dried, 7 % linseed oil, 3 % beet molasses	
<b>LUZERNE-COBS</b>	Crude Protein 13.5 %, Crude Fibre 26.5 %	100 % lucerne (hot-air dried)	
<b>LUZERNE PUR</b>	Crude Protein 17.0 %, Crude Fibre 29.0 %	97 % lucerne (high-temperature dried); 3 % sunflower oil	
<b>LUZERNFIT</b>	Crude Protein 13.00 %, Crude Ash 9.50 %, Crude Fibre 26.00 %, Crude Fat 3.50 %, Calcium 1.35 %, Phosphorus 0.30 %, Sodium 0.15 %, Magnesium 1.15 %	83 % lucerne meal; oat hulls and bran; molasses; plant fatty acids; 1,5 % vegetable oil (sunflower)	
<b>MAGNESIUM</b>	Crude Protein 0.20 %, Crude Ash 75.00 %, Calcium 0.38 %, Phosphorus 0.31 %, Sodium 0.01 %, Magnesium 12.00 %	66.5 % magnesium citrate; 20.5 % dextrose; 5 % magnesium oxide; 5 % magnesium acetate; 2 % magnesium phosphate	
<b>MANGAN</b>	Crude Protein 7.10 %, Crude Ash 28.0 %, Crude Fibre 2.25 %, Crude Fat 1.36 %, Calcium 2.40 %, Phosphorus 0.13 %, Sodium 3.00 %, Magnesium 0.09 %	Dextrose, brewer's yeast bound to spent grains 20 %; diatomaceous earth 10 %; sodium chloride; calcium carbonate; rapeseed oil, refined	Nutritional additives: 10.000 mg manganese as a glycine-manganese chelate hydrate (3b506)  Technological additives: 100.000 mg sepiolite (diatomaceous earth) (E562)
<b>MASH</b>	Crude Protein 15.00 %, Crude Ash 4.00 %, Crude Fibre 7.00 %, Crude Fat 4.00 %, Calcium 0.20 %, Phosphorus 0.45 %, Sodium 0.05 %, Magnesium 0.25 %	Maize, expanded; wheat bran; 16 % linseed meal feed, extracted; oats; beet pulp, molassed, dried; sugar beet molasses, dried; linseed, extruded	Technological additives: Formic acid (E236); lactic acid (E270); propionic acid (E280); 4000.00 mg clinoptilolite of sedimentary origin (1g568)

	Analytical components	Composition	Feed additives per kg
<b>MINERAL-LECK-SCHALE</b>	Crude Ash 88.20 %, Calcium 15.00 %, Phosphorus 2.00 %, Sodium 12.00 %, Magnesium 6.00 %	Calcium carbonate; sodium chloride; magnesium oxide; sugar beet molasses; monocalcium phosphate; dicalcium phosphate; malt sprouts	Nutritional additives: 800 mg iron as ferrous sulphate, monohydrate (3b103); 30 mg iodine as calcium iodate, anhydrous (3b202); 400 mg copper as cupric sulphate, pentahydrate (3b405); 2.000 mg manganese as manganous oxide (3b502); 3.200 mg zinc as zinc oxide (3b603); 20 mg selenium as sodium selenite (3b801)
<b>MINERAL-PELLETS</b>	Calcium 11.00 %, Phosphorus 2.00 %, Sodium 4.00 %, Magnesium 1.50 %, Methionine 0.13 %	Wheat gluten feed; calcium carbonate; sodium chloride; dextrose; monocalcium phosphate; brewers' yeast; brewers' grains; beet pulp, molassed, dried; magnesium oxide; plant fatty acids	Nutritional additives: 400.000 I.U. vitamin A (3a672a); 50.000 I.U. vitamin D3 (3a671); 3.625 mg vitamin E (3a700); 521 mg copper as cupric sulphate, pentahydrate (3b405); 750 mg iron as ferrous carbonate (siderite) (3b101); 2.137,5 mg zinc as zinc oxide (3b603); 38 mg zinc as zinc-sulfate, monohydrate (3b605); 1.078 mg manganese as manganous oxide (3b502); 16 mg iodine as calcium iodate, anhydrous (3b202); 15,38 mg selenium as sodium selenite (3b801); 2,27 mg Cobalt (coated cobalt(II) carbonate granules 3b304); 12.500 mcg biotin (3a880); 2.000 mg vitamin C (3a300); 75 mg vitamin B1 (3a821); 150 mg vitamin B2 (as riboflavin); 125 mg vitamin B6 (as pyridoxinhydrochloride 3a831); 750 mcg vitamin B12 (as cyanocobalamin); 375 mg calcium-D-pantothenate (3a841); 1.500 mg choline chloride (3a890); 750 mg niacinamide (3a315); 75 mg folic acid (3a316)
<b>MINERAL-STICKS</b>	Crude Protein 11.00 %, Crude Ash 25.00 %, Crude Fibre 19.25 %, Crude Fat 3.90 %, Calcium 5.90 %, Phosphorus 1.00 %, Sodium 0.55 %, Magnesium 0.15 %, Methionine 0.17 %, Lysine 0.45 %, Threonine 0.35 %	Apple pulp, dried; lucerne meal; linseed meal feed, extracted with stock; sunflower meal feed, extracted with stock; monocalcium phosphate; brewers' yeast; rapeseed oil; sodium chloride	Nutritional additives: 250.000 I.U. vitamin A (3a672a); 25.000 I.U. vitamin D3 (3a671); 3.000 mg vitamin E (3a700); 3.000 mg vitamin C (3a300); 550 mg copper as cupric sulphate, pentahydrate (3b405); 1.917 mg iron as ferrous carbonate (siderite) (3b101); 2.336 mg zinc as zinc oxide (3b603); 160 mg zinc as zinc-sulfate, monohydrate (3b605); 1.704 mg manganese as manganous oxide (3b502); 16,0 mg iodine as calcium iodate, anhydrous (3b202); 15 mg selenium as sodium selenite (3b801); 50.000 mcg biotin D-(+) -biotin (3a880); 3.000 mg vitamin C (3a300); 105 mg vitamin B1 (3a821); 170 mg vitamin B2 as riboflavin; 175 mg vitamin B6 as pyridoxinhydrochloride (3a831); 750 mcg vitamin B12 as cyanocobalamin; 109 mg cholinchloride (3a890); 950 mg niacinamide (3a315); 38 mg folic acid (3a316)  Technological additives: 466,0 mg sepiolite (E562)
<b>MULTIVITAMIN</b>	Crude Protein 2.00 %, Crude Ash 2.00 %, Crude Fibre 1.00 %, Crude Fat 1.00 %, Calcium 0.13 %, Phosphorus 0.05 %, Sodium 0.05 %	82 % dextrose; 10 % wheat semolina; 0,5 % vegetable oil (rapeseed)	Nutritional additives: 50.000 I.U. vitamin A (3a672a); 24.000 I.U. vitamin D3 (3a671); 5.000 mg vitamin E (3a700); 110 mg vitamin B1 (3a821); 175 mg vitamin B2 (as Riboflavine); 650 mg calcium-D-Pantothenate (3a841); 1.125 mg niacinamide (3a315); 200 mg vitamin B6 (Pyridoxinhydrochloride 3a831); 875 mcg vitamin B12 (as Cyanocobalamin); 111.000 mg vitamin C (3a300); 2.500 mg beta-carotene (3a160a)
<b>MUSKEL-SUPPORT</b>	Crude Protein 9.20 %, Crude Ash 5.70 %, Crude Fat 8.40 %, Sodium 0.30 %, Chloride 10.80 %, Magnesium 3.00 %, Lysine 7.00 %, Methionine 1.60 %, Moisture 53.00 %	Magnesium chloride 24.9 %, sodium chloride 0.8 %	Nutritional additives: Lysine as L-lysine monohydrochloride (3c301) 70 g, DL-methionine (technically pure) (3c301) 16 g, vitamin E (3a700) 80.000 mg, vitamin B1 (3a821) 1.500 mg, vitamin B2 (3a826) 1.500 mg, vitamin B6 pyridoxine hydrochloride (3a831) 120 mg, vitamin B12 20 µg, L-carnitine (3a910) 10.000 mg, manganese as glycine manganese chelate, hydrate (3b506) 1.500 mg Technological additives: 2.000 mg potassium sorbate E 202 Sensory additives: Mixture of flavouring substances 1.450 mg
<b>MÜSLI-MIX</b>	Crude Protein 11.00 %, Crude Ash 3.10 %, Crude Fibre 8.50 %, Crude Fat 3.10 %, Calcium 1.10 %, Phosphorus 0.40 %, Sodium 0.35 %, Magnesium 0.15 %	Barley flakes, maize flakes, wheat bran, spelt husks, wheat flakes, lucerne meal, sugar beet molasses, wheat, calcium carbonate, linseed meal feed, extracted, linseed oil, sodium chloride, monocalcium phosphate	Nutritional additives: 16.275 I.U. vitamin A as retinyl acetate (3a672a), 1.628 I.U. vitamin D3 (3a671), 165 mg vitamin E/ all rac-alpha-tocopheryl acetate (3a700), 284 mcg biotin (3a880), 34 mg iron as ferrous carbonate (3b101), 40 mg iron as ferrous sulphate monohydrate (3b103), 9 mg copper as copper (II) sulphate, pentahydrate (3b405), 163 mg zinc as zinc oxide (3b603), 90 mg manganese as manganese (II) oxide (3b502), 0.27 mg selenium as sodium selenite (3b801), 0.90 mg iodine as calcium iodate, anhydrous (3b202) Technological additives: Propionic acid (E280), 75 mg sepiolite (E562)
<b>MÜSLI-STICKS</b>	Crude Protein 11.00 %, Crude Ash 6.50 %, Crude Fibre 11.00 %, Crude Fat 3.00 %, Calcium 1.00 %, Phosphorus 0.35 %, Sodium 0.20 %, Magnesium 0.35 %	Oat; wheat; maize; oat hulls & bran; wheat bran; barley; carob meal, broken; lucerne meal; beet pulp, molassed, dried; linseed, extracted, with stock; sunflower, extracted, with stock; calcium carbonate; brewers' yeast; brewers' grain, dried; sodium chloride; magnesium oxide	Nutritional additives: 12.100 IU Vitamin A (3a672a); 1.200 IU Vitamin D3 (3a671); 400 mg Vitamin E (3a700); 40 mg Copper (3b405) as Cu-(II)-sulphate, Pentahydrate; 150 mg Iron (3b101) as Fe-(II)-carbonate; 97,5 mg Zinc (as zinc oxide 3b603); 7 mg Zinc (3b605) as Zinc sulphate, monohydrate; 80 mg Manganese (3b502) as Mn-(II)-oxide; 0,7 mg Iodine as Calcium iodate, anhydrous (3b202); 0,40 mg Selenium as Sodium selenite (3b801); 50 mg Vitamin C (3a300)
<b>POWERCORN</b>	Crude Protein 8.00 %, Crude Ash 1.30 %, Crude Fibre 2.00 %, Crude Fat 3.60 %, Calcium 0.01 %, Phosphorus 0.24 %, Sodium 0.01 %, Magnesium 0.10 %, Starch 65.0 %	Maize flakes * made from European maize NON GMO	
<b>PRO-CARE</b>	Crude protein 11.37 %, Crude fat 5.99 %, crude fiber 11.8 %, crude ash 6.2 %, calcium 1,09 %, phosphorus 0,31 %, sodium 0,47 %	Maize; lucerne; apple pulp; wheat bran; wheat; oat hulls and bran; linseed; palm oil; calcium carbonate; monocalcium phosphate; magnesium oxide	Nutritional additives: 18.000 I.U. vitamin A (3a672a); 2.000 I.U. vitamin D3 (3a671); 205 mg vitamin E (3a700); 200 mcg biotin (3a880); 10 mg vitamin B1 (3a821); 10 mg vitamin B2 as riboflavin; 6 mg vitamin B6 (Pyridoxinhydrochloride 3a831); 40 mcg vitamin B12 as cyanocobalamin; 160 mg zinc as zinc oxide (3b603); 40 mg copper as cupric sulphate, pentahydrate (3b405); 25 mg iron as ferrous carbonate (siderite) (3b101); 100 mg manganese as manganous oxide (3b502); 2 mg iodine as calcium iodate, anhydrous (3b202); 0,8 mg Cobalt (coated cobalt(II) carbonate granules 3b304); 0,6 mg Selenium as selenomethionine (3b801); 40 mg Niacine Niacinamide (3a315); 260 mg choline chloride (3a890)
<b>ROSSE-SUPPORT</b>	Crude protein 9.9 %, Crude fat 3.8 %, Crude fiber 8.8 %, Crude ash 6.9 %, calcium 1,0 %, phosphorus 0,2 %, sodium 0,03 %, Magnesium 0,1 %	25,0 % alfalfa green meal, 21,8 %, oat feed meal, 10,0 % apple pomace, 8,0 % wheat germ, 6,0 % dextrose, 1,0 % linseed oil refined, 0,4 % calcium carbonate	Nutritional additives: 180.000 IU vitamin A (3a672a); 30.000 mg vitamin E (3a700); 60.000 mg vitamin C (3a300); 250 mg folic acid (3a316); 10.000 mg beta-carotene (3a160(a)); 50 mg iodine as calcium iodate, anhydrous (3b202); 599 mg copper as copper (II) sulfate, pentahydrate (3b405); 600 mg copper as glycine copper chelate, Hydrate (3b413); 1000 mg manganese as glycine manganese chelate, hydrate (3b506), 1.000 mg Manganese as manganese (II) oxide (3b502); 2.000 mg Zinc as zinc oxide (3b603); 1000 mg Zinc as glycine- Zinc chelate, hydrate (3b607); 5 mg selenium in organic form from Saccharomyces cerevisiae CNCM I-3060 (3b8.10); 5 mg selenium as sodium selenite (3b801). Technological additives: 10 g diatomaceous earth, purified (E 551c); 103 mg sepiolite (E 562); 27 mg silica, precipitated and dried (E 551a); Sensory additives: 300 mg dried grape extract (2b485); 1042 mg mixture of flavoring agents.
<b>ROTE-BEETE-CANDYS</b>	Crude protein 13.30 %, Crude ash 3,60 %, Crude fat 3,50 %, Crude fiber 4.50 %, calcium 6,50 %, phosphorus 3,30 %, sodium 0.02 %	Maize, wheat meal; wheat; soya husks; maize gluten; 2 % beetroot; calcium carbonate	
<b>RÜBENSCHNITZEL MELASSEFREI</b>	Crude protein 7.25 %, Crude fat 1,00 %, Crude fiber 17,00 %, Crude ash 6.50 %, sugar 10,50 %, HCL insol. Ash 4,00 % i.d.m.		

	Analytical components	Composition	Feed additives per kg
<b>SENIOR-FIT</b>	Crude Protein 14.00 %, Crude Ash 7.40 %, Crude Fibre 10.50 %, Crude Fat 5.40 %, Calcium 1.20 %, Phosphorus 0.65 %, Sodium 0.45 %, Magnesium 0.30 %	Maize flakes; oat hulls and bran; apple pulp; barley flakes; soya beans, toasted; wheat bran; carob; sugar cane molasses; meadow grass flakes; pea flakes; pulp, dried; grain feed meal; soya beans, extruded; maize, expanded; rape seed oil; linseed, extruded; green meal; calcium carbonate; lucerne meal; potato protein; molasses; sodium chloride; magnesium phosphate	Nutritional additives: 14.700 I.U. vitamin A (3a672a); 2.700 I.U. vitamin D3 (3a671); 430 mg vitamin E (3a700); 8 mg copper as cupric chelate of amino acids hydrate (3b406); 37.1 mg copper as cupric sulphate, pentahydrate (3b405); 25 mg iron as ferrous amino acids chelate, hydrate (3b106); 35 mg iron as ferrous fumarate (3b105); 55 mg iron as ferrous sulphate, monohydrate (3b103); 1.4 mg iodine as calcium iodate, anhydrous (3b202); 0.4 mg Cobalt (coated cobalt(II) carbonate granules 3b304); 17 mg manganese as amino acid manganese chelate, hydrate (3b504); 68 mg manganese as manganous oxide (3b502); 33 mg zinc as zinc chelate of amino acids hydrate (3b606); 135.8 mg zinc as zinc oxide (3b603); 0.54 mg selenium as sodium selenite (3b801); 0.14 mg selenium as selenomethionine CNCM I-3399 inactivated selenium yeast (3b 8.12) Technological additives: Ammonium propionate (E284); propionic acid (E280)
<b>SPORT-MINERAL</b>	Crude Protein 9.10 %, Crude Ash 40.50 %, Crude Fibre 2.80 %, Crude Fat 12.10 %, Calcium 9.00 %, Phosphorus 1.50 %, Sodium 3.20 %, Magnesium 0.70 %	29 % linseed; calcium carbonate; wheat, expanded; sodium chloride; sugar cane molasses; barley, expanded; monocalcium phosphate; yeast; calcium-sodium-phosphate; magnesium oxide	Nutritional additives: 240.000 I.U. vitamin A (3a672a); 16.000 I.U. vitamin D 3 (3a671); 6.400 mg vitamin E (3a700); 26 mg vitamin B1 (3a821); 80 mg vitamin B2 (as riboflavin); 52 mg vitamin B6 (as pyridoxinhydrochloride 3a831); 400 mcg vitamin B12 (as cyanocobalamin); 400 mg vitamin C (3a300); 400 mg niacinamide (3a315); 134 mg calcium-D-panthothenate (3a841); 12 mg folic acid (3a316); 8.000 mcg biotin (3a880); 2.000 mg cholinchloride (3a890); 160 mg iron as ferrous sulphate, monohydrate (3b103); 320 mg copper as cupric sulphate, pentahydrate (3b405); 1.920 mg zinc as zinc chelate of amino acids hydrate (3b606); 1.440 mg manganese as amino acid-manganese chelate hydrate (3b504); 5 mg iodine as calcium iodate, anhydrous (3b202); 4 mg Cobalt (coated cobalt(II) carbonate granules 3b304); 4 mg selenium as sodium selenit (3b801) Technological additives: Formic acid (E236); Propionic acid (E280)
<b>SPORT-MÜSLI</b>	Crude Protein 13.50 %, Crude Ash 6.70 %, Crude Fibre 11.60 %, Crude Fat 3.90 %, Calcium 1.70 %, Phosphorus 0.63 %, Sodium 0.20 %	barley flakes (40 %); sunflower meal feed, extracted; lucerne (11.5 %); sugar cane molasses; wheat middlings; sweet lupins flakes; sunflower seed husks; wheat semolina; barley; calcium carbonate; sunflower oil (1,2 %); maize; brewers' yeast; monocalcium phosphate; linseed (0,5 %); sodium chloride; potato starch; magnesium oxide	Nutritional additives: 21.110 IU vitamin A (3a672a); 2.622 IU vitamin D3 (3a671); 800 mg vitamin E (3a700); 88 mg manganese as manganous oxide (3b502); 62 mg zinc (3b603) as zinc oxide; 134 mg zinc (3b605) as zinc sulphate; 30 mg copper as cupric-(II)-sulphate, pentahydrate (3b405); 120 mg iron as ferrous sulphate, monohydrate (3b103); 1.60 mg iodide as potassium iodide (3b201); 0.5 mg selenium (3b801) as sodium selenite
<b>SPORT PLUS</b>	Crude Protein 12.50 %, Crude Ash 7.50 %, Crude Fibre 10.50 %, Crude Fat 4.00 %, Calcium 1.25 %, Phosphorus 0.50 %, Sodium 0.25 %, Magnesium 0.18 %	20.0 % oats; 16.5 % barley; wheat bran; 15.6 % lucerne meal; wheat; 3.7 % linseed meal feed, extracted; oat hulls and bran; sugar beet molasses; beet pulp, molassed; dried; 2.0 % maize, broken down; calcium carbonate; linseed, extruded; monocalcium phosphate, sodium chloride, linseed oil; lysine	Nutritional additives: 20.000 I.U. vitamin A as retinyl acetate (3a672a), 2.000 I.U. vitamin D3 (3a671), 450 mg vitamin E/all rac-alpha-tocopheryl acetate (3a700), 625 mcg biotin (3a880), 120 mg iron as iron(II) carbonate (3b101), 25 mg copper as copper (II) sulphate, pentahydrate (3b405), 110 mg zinc as zinc oxide (3b603), 105 mg manganese as manganese (II) oxide (3b502), 0.50 mg selenium as sodium selenite (3b801), 0.50 mg iodine as calcium iodate, anhydrous (3b202)  Technological additives: 540.000 mg liquid lecithin (1c 322i), colloidal silicon dioxide (E551b)
<b>STANDARD</b>	Crude Protein 11.00 %, Crude Ash 8.00 %, Crude Fibre 16.00 %, Crude Fat 2.50 %, Calcium 1.25 %, Phosphorus 0.40 %, Sodium 0.30 %, Magnesium 0.20 %	Oat hulls and bran; wheat bran; barley; lucerne meal; beet pulp, molassed; sugar cane molasses, dried; sunflower meal feed, extracted, dehulled; wheat; calcium carbonate; sodium chloride; monocalcium phosphate	Nutritional additives: 20.000 I.U. vitamin A as retinyl acetate (3a672a), 2.000 I.U. vitamin D3 (3a671), 200 mg vitamin E/all rac-alpha-tocopheryl acetate (3a700), 625 mcg biotin (3a880), 120 mg iron as iron (II) carbonate (3b101), 25 mg copper as copper (II) sulphate, pentahydrate (3b405), 100 mg zinc as zinc oxide (3b603), 105 mg manganese as manganese (II) oxide (3b502), 0.50 mg selenium as sodium selenite (3b801), 0.50 mg iodine as calcium iodate, anhydrous (3b202)
<b>STRUKTUR-FIT</b>	Crude Protein 12.50 %, Crude Ash 9.60 %, Crude Fibre 21.70 %, Crude Fat 5.00 %, Calcium 1.50 %, Phosphorus 0.45 %, Sodium 0.20 %, Magnesium 0.26 %	Lucerne meal; lucerne hay; 11.4 % apple pulp, dried; rice hulls and bran; linseed, extracted; carob pieces; lignocellulose; sunflower seeds; milk thistle oil; sugar cane molasses; calcium carbonate; carrots, dried; sodium chloride; dandelion; ginkgo leaves; hawthorn leaves; milk thistle herb, artichoke	Nutritional additives: 14.000 I.U. Vitamin A (3a672a); 800 I.U. Vitamin D3 (3a671); 200 mg Vitamin E (3a700); 140 mg Iron as Iron(II)sulphate, monohydrate (3b103); 20 mg Copper as Cu-(II)-sulphate, pentahydrate (3b405); 70 mg Manganese as Mn-(II)-oxide, (3b502); 120 mg Zinc as Zinc oxide (3b603); 0.35 mg Selenium as sodium selenite (3b801); 1.40 mg Iodine as calcium iodate, anhydrous (3b202); 0.15 mg Cobalt as coated granulated cobalt(II)carbonate (3b304)
<b>TIMOTHEE-GRASPUR</b>	Crude Protein 9.10 %, Crude Ash 7.70 %, Crude Fibre 34.60 %	99 % timothy grass; 1 % sunflower oil	
<b>TOP-START</b>	Calcium 12.00 %, Phosphorus 10.00 %, Sodium 0.01 %, Magnesium 30.00 %, Lysine 0.70 %, Moisture 41.00 %	Dicalcium phosphate; magnesium phosphate; monocalcium phosphate; dextrose	Nutritional additives: Vitamin A (3a672a) 18.700 I.U., Vitamin D3 (3a671) 2.000 I.U., vitamin E (3a700) 800 mg, vitamin C (3a300) 300 mg, vitamin B1 (3a820) 400 mg, vitamin B2 (3a826) 55 mg, vitamin B6 (as pyridoxine hydrochloride 3a831) 700 mg, vitamin B12 (as cyanocobalamin) 1.500 mcg, biotin (3a880) 1.000 mcg, niacinamide (3a315) 1.500 mg, calcium D-panthothenate (3a841) 300 mg, folic acid (3a316) 300 mg, iron as ferrous (II) glycine chelate hydrate (3b108) 1.000 mg, copper (copper(II) glycine chelate hydrate (solid) (3b413)) 450 mg, manganese as glycine manganese chelate, hydrate (3b506) 400 mg, Zinc (glycine zinc chelate, hydrate (3b607) 900 mg, selenium (sodium selenite 3b801) 20 mg, iodine (as calcium iodate, anhydrous 3b202) 1.3 mg
<b>VITA-BOOSTER</b>	Crude Protein 1.00 %, Crude Ash 2.40 %, Calcium 0.10 %, Sodium 0.10 %, Potassium 0.50 %, Nitrogen 0.17 %, P2O 50.03 %, Moisture 45.0 %	Fodder sugar, sugar beet molasses, dextrose	Nutritional additives: Vitamin B1 (3a821) 1.200 mg, vitamin B2 1.200 mg, vitamin B6 pyridoxine hydrochloride (3a831) 1.000 mg, vitamin B12 12.000 µg, niacin (3a314) 1.100 mg, Iron as ferrous glycine iron chelate hydrate (3b108) 3.000 mg, Iron as ferrous sulphate monohydrate (3b103) 3.000 mg, Copper as copper (II) sulphate, pentahydrate (3b405) 200 mg, Zinc as glycine zinc chelate, hydrate (3b607) 5.800 mg Sensory additives: Mixture of flavouring agents 2.000 mg
<b>VITAL</b>	Crude Protein 20.50 %, Crude Ash 10.50 %, Crude Fibre 7.00 %, Crude Fat 6.50 %, Calcium 1.80 %, Phosphorus 0.70 %, Sodium 0.25 %, Magnesium 0.30 %	33.8 % linseed meal feed, extracted, 16.0 % maize, broken down, wheat bran, beet molasses, sugar beet molasses, dried, brewer's grains, barley, calcium carbonate, 3.0 % linseed, extruded, brewer's yeast, linseed oil, soya meal feed, extracted (from hulled seeds), monocalcium phosphate, sodium chloride, magnesium oxide	Nutritional additives: 40.000 I.U. vitamin A as retinyl acetate (3a672a), 4.500 I.U. vitamin D3 (3a671), 1.000 mg vitamin E/all rac-alpha-tocopheryl acetate (3a700), 1.050 mg vitamin C / L-ascorbic acid (3a300), 24 mg vitamin B1/thiamine mononitrate, 29 mg vitamin B2 / riboflavin, 90 mg calcium D-panthothenate, 180 mg niacinamide, 30 mg vitamin B6 / pyridoxine hydrochloride, 120 mcg vitamin B12 / cyanocobalamin, 8.00 mg folic acid, 2.700 mcg biotin (3a880), 135 mg iron as iron(II) carbonate (3b101), 75 mg copper as copper(II) sulphate, pentahydrate (3b405), 288 mg zinc as zinc oxide (3b603), 12 mg Zinc as zinc sulphate, monohydrate (3b605), 200 mg Manganese as manganese (II) oxide (3b502), 1.35 mg Selenium as sodium selenite (3b801) *(1), 2.60 mg Iodine as calcium iodate, anhydrous (3b202), 1067.000 mg L-lysine monohydrochloride, technically pure Technological additives: 7.00 mg propyl gallate (E310), formic acid (E236), lactic acid (E270), citric acid (E330), 17.0 mg butylated hydroxytoluene (BHT) (E321)

	Analytical components	Composition	Feed additives per kg
<b>VOLLKORN-MIX MIT KRÄUTERN</b>	Crude Protein 10.50 %, Crude Ash 7.80 %, Crude Fibre 12.50 %, Crude Fat 3.80 %, Calcium 1.50 %, Phosphorus 0.30 %, Sodium 0.25 %, Magnesium 0.15 %	Oats; 19.7 % lucerne meal; 18.0 % barley flakes; oat hulls and bran; 12.0 % maize flakes; 4.2 % beet molasses; beet pulp, molassed, dried; calcium carbonate; 2 % herbal plants (nettle leaves, coltsfoot leaves, plantain leaves, bitter fennel, liquorice root, spruce needle, marshmallow root, aniseed, knotweed, thyme, sage leaves, yarrow herb, camomile flowers, mistletoe, calamus root, rosemary), 1.5 % wheat bran; wheat; 0.8 % linseed oil; sodium chloride; magnesium oxide	Nutritional additives: 14.000 I.U. vitamin A as retinyl acetate (3a672a), 1.400 I.U. vitamin D3 (3a671), 271 mg vitamin E/ all rac-alpha-tocopheryl acetate (3a700), 210 mcg biotin (3a880), 56 mg iron as iron (II) carbonate (3b101), 30 mg copper as copper (II) sulphate, pentahydrate (3b405), 140 mg zinc as zinc oxide (3b603), 126 mg manganese as manganese(II) oxide (3b502), 0.30 mg selenium as sodium selenite (3b801), 1.1 mg iodine as calcium iodate, anhydrous (3b202)  Technological additives: Propionic acid (E280)
<b>WEIDE-LICK</b>	Calcium 10.5 %, Phosphorus 2.0 %, magnesium 4.0 %, sodium 10.0 %	Cane molasses, sodium chloride, calcium carbonate, dicalcium phosphate, magnesium oxide	Nutritional additives: Vitamin A (3a672a) 22,500 I.U., Vitamin D3 (3a671) 2,800 I.U., Vitamin E (3a700) 210 mg, Calcium-D Panthothenate, (3a841) 100 mg, biotin (3a880) 2,200 mcg, copper (3b405) as copper(II) sulfate pentahydrate 400 mg, iron (3b101) as ferrous carbonate (siderite) 500 mg, zinc (3b603) as zinc oxide 1,500 mg, zinc (3b607) as glycine-v-zinc chelate hydrate (solid) 120 mg, cobalt (3b304) as coated cobalt(II) carbonate granules 5 mg, manganese (3b502) as manganese(II) oxide 750 mg, selenium (3b801) as sodium selenite 6 mg, selenium (3b8.12) as selenomethionine from Saccharomyces 2 mg, cerevisiae CNCM I-3399 (inactivated selenium yeast)
<b>WEIDEMINERAL</b>	Crude Protein 8.50 %, Crude Ash 26.00 %, Crude Fibre 10.00 %, Crude Fat 3.50 %, Calcium 4.00 %, Phosphorus 2.00 %, Sodium 2.00 %, Magnesium 1.10 %	Wheat bran; maize, expanded; oat hulls and bran; oat middlings; lucerne meal; beet pulp, molassed, dried, apple pulp, dried, calcium carbonate; monocalcium phosphate; sodium chloride; magnesium phosphate; beet molasses; brewers' yeast; brewers' grains; rapeseed oil	Nutritional additives: 50.000 I.U. vitamin A (3a672a); 500 I.U. vitamin D3 (3a671); 2.200 mg vitamin E (3a700); 450 mg copper as cupric sulphate, pentahydrate (3b405); 705 mg iron as ferrous carbonate (siderite) (3b101); 3.480 mg zinc as zinc oxide (3b603); 35 mg zinc as zinc-sulfate, monohydrate (3b605); 995 mg manganese as manganous oxide (3b502); 10 mg iodine as calcium iodate, anhydrous (3b202); 15 mg selenium as sodium selenit (3b801); 5.000 mcg biotin (3a880); 200 mg vitamin B1 (3a821); 295 mg vitamin B2 (as riboflavin); 350 mg vitamin B6 (as pyridoxinhydrochloride, 3a831); 1.180 mg vitamin B12 (as cyanocobalamin); 1.185 mg calcium-D-panthothenate (3a841); 1.015 mg cholin chloride (3a890); 1.175 mg niacinamide (3a315); 50 mg folic acid (3a316) Technological additives: Formic acid (E236); lactic acid (E270); propionic acid (E280)
<b>WINNER PLUS</b>	Crude Protein 13.5 %, Crude Ash 6.40 %, Crude Fibre 6.50 %, Crude Fat 5.00 %, Calcium 1.00 %, Phosphorus 0.40 %, Sodium 0.25 %, Magnesium 0.18 %, Lysine 0.91 %, Methionine 0.80 %, Threonine 1.30 %, Valine 0.16 %	Wheat, barley, wheat bran, oats, beet pulp, molassed, dried, linseed meal, lucerne meal, sugar beet molasses, oat hulls and bran, maize, expanded, calcium carbonate, linseed, extruded, linseed oil, BT brewer's yeast, sodium chloride	Nutritional additives: Vitamin A as retinyl acetate (3a672a) 20.000 i.U., vitamin D3 (3a671) 2.000 i.U., Vitamin E / all-rac-alpha-tocopheryl acetate (3a700) 900 mg, Vitamin B1 / thiamine mononitrate 3 mg, Vitamin B2 / riboflavin 6 mg, Vitamin B6 / pyridoxine hydrochloride 3mg, Vitamin B12 / cyanocobalamin 30 mcg, Biotin (3a880) 625 mcg, Copper (as copper (II) sulfate pentahydrate, 3b405) 25 mg, Zinc (as zinc oxide 3b603) 100 mg, Manganese (as manganese (II) oxide 3b502) 105 mg, Selenium (as sodium selenite 3b801) 0.50 mg, Iodine as calcium iodate, anhydrous (3b202) 0.50 mg Technological additives: 540.00 mg liquid lecithin (1c322i), colloidal silicon dioxide
<b>YOUNGSTAR</b>	Crude Protein 17.00 %, Crude Ash 8.00 %, Crude Fibre 7.20 %, Crude Fat 2.60 %, Calcium 1.20 %, Phosphorus 0.70 %, Sodium 0.25 %, Magnesium 0.20 %	Barley (thermally treated); wheat; soya meal, extracted, toasted; wheat bran; oat hulls and bran; maize; linseed meal, extracted; maize gluten feed; sweet whey powder; lucerne meal; brewers' yeast; sugar beet molasses; soya oil; calcium carbonate; sodium chloride	Nutritional additives: 20.000 I.U. Vitamin A (3a672a); 2.500 I.U. Vitamin D3 (3a671); 200 mg Vitamin E (3a700); 4 mg Vitamin B1 (3a820); 8 mg Vitamin B2 (as Riboflavine); 50 mcg Vitamin B12 (as Cyanocobalamin); 200 mcg biotine (3a880); 100 mg zinc as zic oxide (3b603); 35 mg copper as cupric sulphate, pentahydrate (3b405); 0.50 mg selenium (3b801); 0.70 mg iodine as calcium iodate, anhydrous;(3b202); 200 mg iron as ferrous carbonate (siderite) (3b101)
<b>ZINK + C</b>	Crude Protein 6.70 %, Crude Ash 26.70 %, Crude Fibre 2.25 %, Crude Fat 1.36 %, Calcium 2.30 %, Phosphorus 0.13 %, Sodium 5.00 %, Magnesium 0.09 %	Dextrose; 20 % brewers' yeast, bound to spent grains; 5,2 % sodium chloride, Kieselgur; calcium carbonate; rape seed oil, refined	Nutritional additives: 10.000 mg zinc as zinc chelate of glycine hydrate (3b607); 10.000 mg vitamin C(3a300)  Technological additives: 52.000 mg sepiolite (Kieselgur) (E562)
<b>ZUCHT</b>	Crude Protein 16.50 %, Crude Ash 8.00 %, Crude Fibre 10.00 %, Crude Fat 3.50 %, Calcium 1.25 %, Phosphorus 0.50 %, Sodium 0.30 %, Magnesium 0.20 %	Barley, wheat, linseed meal feed, extracted, oat hulls and bran, lucerne meal, soya meal feed, extracted (from hulled seed), beet molasses, sugar beet molasses, dried, calcium carbonate, brewer's grains, linseed oil, brewer's yeast, monocalcium phosphate, sodium chloride	Nutritional additives: 20.000 I.U. vitamin A as retinyl acetate (3a672a), 2.000 I.U. vitamin D3 (3a671), 300 mg vitamin E/ all rac-alpha tocopheryl acetate (3a700), 625 mcg biotin (3a880), 120 mg iron as iron (II) carbonate (3b101), 25 mg copper as copper (II) sulphate, pentahydrate (3b405), 100 mg zinc as zinc oxide (3b603), 105 mg manganese as manganese (II) oxide (3b502), 0.50 mg selenium as sodium selenite (3b801), 0.50 mg iodine as calcium iodate, anhydrous (3b202)
<b>ZUCHTMÜSLI PLUS</b>	Crude Protein 16.00 %, Crude Ash 6.90 %, Crude Fat 5.40 %, Calcium 1.40 %, Phosphorus 0.40 %, Sodium 0.20 %, Magnesium 0.20 %	25.0 % barley flakes, 12.0 % maize flakes, soya meal feed, extracted (from hulled seeds), apple pulp, linseed meal feed, extracted, pea flakes, maize, puffed, sugar beet molasses, BT brewer's yeast, 3.0 % lucerne hay, carob pieces, linseed oil, calcium carbonate, maize, broken down, beet molasses, wheat bran, dried, linseed, extruded, barley, magnesium oxide, monocalcium phosphate.  This product contains 10 % Derby Vital	Nutritional additives: 14.000 I.U. vitamin A as retinyl acetate (3a672a), 1.250 I.U. vitamin D3 (3a671), 650 mg vitamin E/ all rac-alpha-tocopheryl acetate (3a700), 570 mcg biotin (3a880), 75 mg iron as iron (II) carbonate (3b101), 33 mg copper as copper (II) sulphate, pentahydrate (3b405), 279 mg zinc as zinc oxide (3b603), 1 mg zinc as zinc sulphate, monohydrate (3b605), 170 mg manganese as manganese(II) oxide (3b502), 0.43 mg selenium as sodium selenite (3b801), 0.50 mg iodine as calcium iodate, anhydrous (3b202)  Technological additives: 0.70 mg propyl gallate (E310), formic acid (E236), lactic acid (E270), citric acid (E330), 1.7 mg butylated hydroxytoluene (BHT) (E321)

**All products shown in the catalog are subject to change with regard to feeding recommendations, ingredients, additives and composition. The current declarations can be found on the corresponding product.**