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2013/2014

We set free the potential of your horses.

Treats

Care Series

Herbs & Co.

Linseed Products

Minerals & Co.

Individual Feeds

Muesli for Large Operations

Special Mueslis

Premium Mueslis

Dear
Customer,



Horses are a wonderful part of our life. All-round horses, work horses, performance horses, therapy horses, etc. Rarely do we ever experience so much trust, willingness to perform, sociableness and so much empathy as we do with horses. It's important that we take the time to enjoy that. Horses offer us an incredible opportunity for spending part of our life with and in nature. And there is also something else that ties us to horses: the responsibility for this marvellous creature. Proper nutrition makes up an important part of this responsibility. We have been producing horse feeds since 1972. That is more than 40 years of experience, during which we have committed ourselves to delivering healthy horse feeds. Allow us to share some of your responsibility. We would happily accept this commitment.



Your Arnd von zur Gathen

A good idea becomes accepted practice: Nösenberger Pferdefutter

Excellent quality from a renowned company – that is what our customers receive when they decide in favour of Nösenberger Pferdefutter. After all, our feeds are the result of commitment to optimum quality and more than 40 years of experience in the production of horse feeds.

It all started with the idea to produce an exceptional horse feed that satisfies stringent quality requirements. In 1972, Horst von zur Gathen, an agriculture master at the Nösenberg Estate in Germany and a passionate rider, turned his vision into reality. He refined his high-quality, home-grown grains with other ingredients. The result was a healthy and texture-rich feed that he could feed his horses. It was also the first muesli product for horses on the Germany market. Later, he discovered spelt as a valuable grain for horses and has been using it as a main ingredient in his mixtures for more than 25 years.

Today, his son Arnd von zur Gathen continues to run Nösenberger Pferdefutter. Development, cultivation, production and consulting are still handled internally so as to ensure that we are able to monitor and satisfy our quality standards. We aim to remain faithful to this principle even in the future so that you can feed your horse Nösenberger's top quality horse feed.

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Nutrition Basics

Do horses need grains/concentrated feeds/mueslis?

It is astonishing to know that horses in the wild get by without any grains, while their feeders today are filled with muesli products. To better understand that, let's go back in time to about 7,000 years ago. Horses lived at that time without any relationship with man. They fed on grass, leaves and bark and only occasionally on fruits or grains. Grains as we know them now definitely did not exist. Note: Nature runs an extremely harsh selection process in this situation. Only the best genetics were able to reproduce. Anyone who required too much food dies. Then man had the idea to domesticate the horse and take them home. As with other livestock, we started to manipulate the genetics of the horse for our purposes by breeding them. Breeding objectives included height, musculature, performance, endurance, speed, ability to concentrate and colour through to character. Good utilisation of sources of nutrition was no longer crucial. The most important breeding objectives that applied in nature had been "bypassed"! To better accommodate the altered, and much more demanding genetics, it became necessary to enrich their diet with grains. Modern horses are no longer the animal that Mother Nature originally conceived. Roughage is not adequate as a sole form of nutrition for these "beasts of burden"! As far as good nutrition is concerned, most horses require a basic intake of grains and other nutrients (vitamins, minerals, etc.). Otherwise, they are malnourished in the long run.

"The Pregnant Gelding"

A malnourished horse can be identified by its swollen abdomen. Hay, grass and straw are not really enough, and roughage for the most part consists of fibre, which is transformed into short chain fatty acids in the large intestine with the aid of intestinal bacteria during a very long, two-day process and only then do the fatty acids enter the blood stream. That is not adequate. When horses are still hungry, they tend to continue to eat large quantities of roughage. That results in large quantities of water being trapped by the roughage in the bowels, causing an abnormal accumulation of fluid in the abdomen or a distended swollen belly.

Pure roughage is not the solution!

While good roughage is and remains the most important source of nutrition for horses, it should not be the only source. After all, grass is not the same as it was 7,000 years ago! Grass has also undergone cultivation specifically with regard to ruminant animals and not horses. Today's "high-energy cow pastures" are quite one-sided and may even be dangerous sometimes for horses – think fructans. Pure roughage are not really enough. If concentrated feeds are not given or too little is given, then the blood sugar level of the horses becomes low and they are grumpy and voracious.

1. Example: Evening feeding with hay – after two hours, everything is devoured greedily such that there is no roughage available for hours. It frequently results in digestive problems, colic, diarrhoea, watery stools, etc.

2. Example: Grazing phase – for many horse owners, concentrated feeds are decreased or even eliminated during this period. If horses are permitted to graze while ravenous on "unsafe" pastures, they run a significantly higher risk of getting founder. Concentrate rations should be increased especially during grazing in the spring months (plus 20 – 30%)!

And roughage can really make a horse fat without even feeling full. A proper nutrition with a good muesli will make a hungry horse full. Grains for the most part comprise starch, which is converted into sugar within a short period of time with the aid of enzymes in the small intestine, resulting in an increase of the blood sugar level (just like in people). Horses fed in this manner are ready to perform and learn and are well adjusted partners for leisure or sport riding. Our versatile and filling spelt wheat mueslis are an optimum supplement in this regard. Roughage and proper muesli – *the right combination forms the basis for success.*

**How much and which feed does your horse need?
Use our experience and let us advise you!**





Water – pay close attention to best quality! Every horse needs a very good supply of fresh drinking water. Tap water is generally recommended for horses as well. Water taken from a well or stream or collected rain-water usually poses a risk. Just ask yourself whether you would like to drink such water. If

not, you should change something. Clean your horses' troughs on a daily basis. A sponge and some elbow grease and the trough is clean and smells fresh again. Many horses drink too little, when troughs smell unpleasant. That's why only food-safe buckets should be used. The black "grout" buckets that are frequently used are not suitable, since they stink and contain plasticizers which can have an adverse impact on the horse. Replace these buckets as soon as possible! During winter months, elderly and sensitive horses should be given warm water at least once a day. Approx. 30% of the sick horses which we are asked to see are based on inadequate water supply, among other things. In our opinion, almost every riding stable could improve in this regard.



Roughage – Pasture, hay & straw – especially important! The number 1 feed for a healthy and appropriate nutrition. Hay and straw should always be of the best quality; that includes maximum cleanliness especially in terms of dust and mould. Baling hay just short of maturity provides good texture.

The best approach to feeding almost all horses is to feed several times a day or ensure constant access to roughage.

Carrots, apples, bread, snacks and sugar cubes may be offered sometimes as a small reward or treat for in-between, but not as a substitute for feed. Carrots put a possible stress on the animals due to their high nitrate content, and large quantities of apples may have a laxative effect (diarrhoea).



Spelt – The better oats We have been using spelt in our horse feed for more than 25 years – Why: Spelt is an indigenous cereal crop with very good properties especially for horses, if it is grown properly just like we practise at our Nösenberger contract farming operations. After all, not every spelt is good spelt though. Decisive for horses: Spelt is scientifically proven to be extremely easy to digest, and it is especially long lasting and incredibly filling. Its roughly textured hull is used to train sensitive intestines in horses.

The rough texture also cleans the intestinal tract and increases the action of very sluggish intestines that some modern horses have. That improves circulation and thus the utilisation of all feed components, not only the spelt but also the digestibility of other components like roughage, grains and additives is also improved considerably! A trained, stabilised and optimised digestion means a low risk of disease and reduces feed costs.



Oats – Quality is decisive

The range of nutrients in oats is very positive for most horses. It is light and easy to digest and thus is still used in modern horse feeds. “Feeling one’s oats” should not always be taken literally. Nonetheless, oats as an exclusive feedstuff for horses is not good. Only hay and oats are also too one-sided! The right combination with other feedstuffs makes oats valuable. As with spelt, not all oats are good oats. That’s why Nösenberger oats come from the best regions in Europe. Unfortunately, that does not include Germany, since the quality of German oats is not adequate for your horses. Our oats are of food-grade quality and come for the most part from Finland, which is renowned for its oats in Europe. Genuine quality starts with a test weight of more than 58. In other words, our Hafer 58 plus, which we use in all our muesli products and which is available separately, starts at 58 kg per 100 litres or 580 g per litre. A light oat means lots of husk and little content, and we do not aim to feed husks. Note, it is important to avoid oats with black mould when you want healthy feedstuffs. In this case, Finnish oats also have many advantages to offer due to the extreme hours of northern summer sun during the

decisive periods of growth. We do no experiment in this regard and thus only rely on optimum quality.



Corn Flakes – First heat up and then feed

When it comes to corn starch, it is important that it is heated up in the feed prior to use. That decreases the risks of noxious fermentation and increases the digestibility of corn starch from approx. 35 % to more than 90 %!

Barley – Not only for oriental horse breeds

A traditional grain for equine feeds at Nösenberger. As with other products, not every barley is good barley! When it comes to barley, particular attention must be placed on ensuring that a healthy low-protein barley is used. Highly fertilised barley, which is used, e.g. in hog farming, may be cheaper but puts more stress on horses. This is another case where it is good



Important for Horses: Cereals and Other Carriers of Active Ingredients

to pay attention to quality for the good of your horses! When using barley to feed foals, seniors and extreme performance horses, it is worthwhile to thermally solubilise the barley just like maize.



Linseed Oil – Omega 3 – extracted using Nösenberger’s “cold press method”

– We press at below 35°C – resulting in a difference that you can taste. The perfect energy source – linseed oil (36 MJ) offers three times as much energy as grains (12 MJ) and is also extremely rich in omega 3 fatty acids (> 55 %). Its antioxidant effects protect and stimulate muscle development! We only use food-grade qualities here as well.



Linseed Flakes – Made using Nösenberger’s “cold press method” These flakes promote digestion and are rich in essential amino acids and omega-3 fatty acids. They are gentle on the digestive system and improve digestion as a result of the high percentage of mucilage. But beware: Linseed should generally not be cooked, since cooking destroys many of the valuable nutrients! That’s why our linseed flakes are cold-pressed (< 35°C), which makes them so nutritious.



Sugar Beet Molasses – A little sweet is permitted

Healthy, tasty and practical – Sugar beet molasses tastes incredibly good to most horses. And it is not only delicious, but it is also rich in natural minerals and trace elements. Other good characteristics: Molasses is used to bond fine elements (brewer’s yeast, powder vitamins and minerals, etc.) to more coarse cereals (spelt, barley, corn flakes, etc.) and make the muesli products absolutely homogeneous and dust-free. In addition to that, molasses serves as a natural preservative for feedstuffs. With 5 % in the muesli mixture and 42 % sugar in the molasses, the sugar content amounts to one or two sweets a day taking people as a basis—a quantity that we regard as justifiable considering the many benefits.



Brewer’s Yeast/Spent Grains – Good for equine bowels

Sensitive microorganisms that react positively to this yeast combination live in the intestinal tracts of horses. For instance, the body’s own biotin production is stimulated by the brewer’s yeast/spent grain combination, optimising and stabilising the digestion. Stable bowels mean a healthy horse! Skin, coat and hooves are better. Pigmentation becomes more intensive, and minor digestion disorders can be alleviated. Moreover, the valuable essential amino acids in brewer’s yeast make this product indispensable for modern horse feeds. A genuine biotin substitute for hoof problems.



Alfalfa – Quality from Champagne

This forage plant, which is becoming more and more popular among horses, grows on the lime-rich soils of Champagne with excellent climatic conditions. This alfalfa is processed in a manner that preserves vital nutrients by means of an elaborate drying and preparation procedure. It offers an extremely delicious variety and addition to grains. The queen of forage plants is sorted at Nösenberger using our own process into alfalfa stems (high quality raw fibre) and into alfalfa leaves (high quality proteins) for further processing.

You can take us at our word –
The Nösenberger Guarantee!

We at Nösenberger deliver what we promise, since we maintain clear quality guidelines. For instance, we never use any genetically altered feedstuffs as a rule. Nösenberger does not process any meat and bone meal or other products of animal origin either. Since we produce exclusively horse feeds, there is no risk of any possible contamination due to residues left in the mixing equipment. All grains that are processed at Nösenberger are pure natural products. When it comes to our suppliers, we attach great importance to ensuring that our quality standards are fulfilled. Corresponding certificates must be submitted.

The result: Our feeds satisfy the highest quality standards – guaranteed! If you do have a reason to complain, please let me know personally.

Your Arnd von zur Gathen
Tel. +49 (0) 6181/3 10 77



Premium Mueslis

Special Mueslis

Muesli for Large Operations

Individual Feeds

Minerals & Co.

Linseed Products

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Naturally healthy: Nösenberger Premium Mueslis

A horse's health is closely linked to what it eats. Nösenberger's premium mueslis contain only natural and high-quality grains taken from our contract farming operations, which are therefore balanced and nutritious. Essential macronutrients and micronutrients, vitamins and trace minerals round out these basic feedstuffs for horses.

The right product for all horses: Nösenberger Special Mueslis

Nösenberger's special mueslis are an optimum alternative to our premium mueslis and conceived to suit the special needs of horses. After all, the right feedstuffs help to avoid problems, and your horses will feel good and stay healthy. You can rely on our many years of experience and expertise!

Some like it pure: Nösenberger Premium Grains

Having the right selection of base materials is what really counts. And a healthy product requires good grains. Anyone who likes to mix their own feeds will find the best ingredients here. Normal feedstuff qualities are frequently not sufficient for us nor you if you have made some comparisons!

Good and affordable: Advantageous Bulk Orders

Almost all premium and special mueslis as well as premium grains are also available in advantageous big 500 kg boxes. Dimensions: each box 114x114 cm and 180 cm high stably secured on a disposable pallet.

Note:

When using mixtures fortified with vitamins and minerals, there is no need to give additional micronutrients!

For high performance: Nösenberger Minerals & Co.

With our Mineral & Co. Nösenberger has developed a series of high-quality additional feedstuffs. These take into account the specific needs of horses in their different stages of life and work situations. With that in mind, we made sure that these products have a balanced composition of minerals, vitamins and trace elements that support bone formation, loosen muscles and promote a good circulation. After all, health and performance depend on first-class feedstuffs.

Valuable sources of energy: Nösenberger Linseed Products

Linseed products play an important role in the balanced nutrition of horses. Linseeds are a valuable source of energy, promote healthy skin and coat and help the digestive system. Our range of linseed flakes, linseed oil and linseed concentrate is characterised by the greatest possible freedom of contaminants thanks to careful selection and processing of raw materials and is thus the perfect supplement.

The incredible power of nature: Nösenberger Herbs & Co.

Nature provides us with a broad spectrum of herbs that can be used to stabilise and regulate the health of horses. We utilise this potential for the health of your horses! At Nösenberger we only use high quality herbs in pharmacy quality! After all, that is the only way to leverage their full effect and ensure that they taste good to your horses. Nösenberger looked into the "treatment" topic with five special mixtures and developed corresponding products for sensitive areas like respiratory tract, metabolism, digestion, water balance and nerves. Other herbal supplements are implemented to take care of the immune system, digestion, liver, respiratory tract, hooves and coat of your horses in a gentle and natural manner.

Selected by experts: Herbs in Pharmacy Quality:

The herbs used in Nösenberger's horse feeds are cultivated at plantations or are collected by experienced pickers in nature. The time for picking the herbs is crucial though in order to obtain all active ingredients. This careful handling guarantees that the high standards we place on purity, the pharmacy quality Nösenberger demands, are fulfilled.



Nösenberger Mueslis:

- ✓ **Dust-free**
- ✓ **Texture-rich**
- ✓ **No pellets**
- ✓ **Absolutely homogeneous**
- ✓ **Free of any artificial flavourings**

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Isi & Co. without oats

For robust horses

Isi & Co. is a muesli product that has a good texture without pellets and is usually dust-free and absolutely homogeneous. The feedstuffs, which are processed to be extremely gentle on the stomach and intestines, are not only suited for many robust horse breeds, but also for horses that require light fare.

The Isi & Co. muesli ensures an optimum supply of macronutrients for horses, that have a good texture, offer highly digestible energy and essential amino acids. Isi & Co. contains extra high values of essential micronutrients such as vitamins, minerals and trace elements and makes sure that horses get their recommended daily allowances in small daily portions. Thus, there is no need to feed any additional mineral feeds. In addition, Isi & Co. is also suited for horses that suffer from eczema and thus require special diets – we would be happy to advise you by phone.

- Optimised and nutritionally complete with just 350 g to 1 kg per day.
- Perfect for robust horse breeds: Ponies, Icelandic horses, Haflingers, Norwegian fjord horses, Shetland ponies, Welsh ponies, Fjord ponies, Connemara ponies, Dülmen ponies, Criollo horses, etc.
- Also suited for all breeds that require light fare.
- For horses suffering from eczema, which require a special, individual diet.

For a daily ration of 350 g to 1 kg

Ingredients:

30 % spelt in hull, milled; 27 % barley, milled; 15 % corn flakes; 12 % spelt hulls; 5 % sugar beet molasses; 3.1 % linseed cake flakes, cold pressed; 1.9 % spent grain; 1.8 % calcium carbonate; 1.2 % brewer's yeast; 0.7 % sodium chloride; 0.7 % monobasic calcium phosphate; 0.5 % magnesium oxide

Analytical constituents and contents:

raw protein	9.9 %	potassium	0.5 %
raw fibre	8.8 %	magnesium	0.4 %
crude ash	7.4 %	sodium	0.3 %
raw fat	2.4 %	Digestible energy	11.2 MJ
calcium	1 %	starch	42 %
phosphorus	0.5 %		

Nutritional additives per kg:

vitamin A	52,500 IE	copper	95 mg
vitamin D 3	3,000 IE	iron	75 mg
vitamin E	1,500 mg	iodine	3 mg
zinc	560 mg	selenium	1.5 mg
manganese	130 mg	cobalt	1.4 mg

The feed contains sufficient quantities of B vitamins.

Technological additives:

Calcium propionate

Package:

10 kg sack
25 kg sack
500 kg big box

Shelf life:

4 months

Bulk weight:

1 litre = approx. 330 g.
1 Nösenberger measuring cup = approx. 500 g



Leicht without oats

For horses and ponies

Leicht is prepared as a muesli product that has a good texture without pellets; it is dust-free and absolutely homogeneous. The balanced blend of macronutrients and micronutrients ensures an optimum supply. Also suited for horses of all breeds that require light fare, robust horses with increased performance and horses intended for competitions that need to give not only their locomotor system but also their metabolism a break in the tight recovery periods that are reduced due to training. Mares are promptly switched to the Leicht muesli product right after given birth to a foal in order to use the feed to signal the start of milk production. The feedstuff is also good for recovering horses that should only get "light fare" after an operation or injury with prescribed stable rest. Horses that are fed with our Weidebei Muesli during the grazing season, are usually switched to Leicht during the winter.

- Optimised and nutritionally complete with just 1 kg to 2 kg per day
- For warm and cold blooded animals requiring light fare.
- Suited for robust horses with increased performance.
- As standing feed.
- For brood mares after giving birth.
- For horses intended for competitions with reduced recovery periods due to training.

For a daily ration of 1 kg to 2 kg

Ingredients:

30 % spelt in hull, milled; 30 % barley, milled; 17 % corn flakes; 10 % spelt hulls; 5 % sugar beet molasses; 2.5 % linseed cake flakes, cold pressed; 1.5 % spent grain; 1.4 % calcium carbonate; 1 % brewer's yeast; 0.3 % sodium chloride; 0.3 % monobasic calcium phosphate; 0.2 % magnesium oxide

Analytical constituents and contents:

raw protein	9.9 %	potassium	0.5 %
raw fibre	8.2 %	magnesium	0.2 %
crude ash	5.7 %	sodium	0.2 %
raw fat	2.5 %	Digestible energy	11.7 MJ
calcium	0.9 %	starch	45 %
phosphorus	0.4 %		

Nutritional additives per kg:

vitamin A	21,000 IE	copper	40 mg
vitamin D 3	1,200 IE	iron	30 mg
vitamin E	600 mg	iodine	1.2 mg
zinc	225 mg	selenium	0.6 mg
manganese	50 mg	cobalt	0.6 mg

The feed contains sufficient quantities of B vitamins.

Technological additives:

Calcium propionate

Package:

25 kg sack
500 kg big box

Shelf life:

4 months

Bulk weight:

1 litre = approx. 330 g.
1 Nösenberger measuring cup = approx. 500 g



Standard

on request with and without oats
For warm and cold blooded animals

Standard is rich in vitamins, minerals and trace elements as well as essential amino acids. The muesli product with a good texture without pellets is gentle on stomach and intestines, dust-free and absolutely homogeneous. The Standard provides warm and cold blooded animals with normal utilisation of nutrition and light to medium workloads. In most cases, it is optimally sufficient for horses intended for competition during light training periods. Robust horses that are expected to perform at high levels and thus require more feed due to the increased energy requirement also like to eat the muesli. Standard is also suited for robust horses with a very poor utilisation of sources of nutrition.

- Optimised and nutritionally complete with just 2 kg to 4 kg per day.
- For warm and cold blooded animals with normal utilisation of source of nutrition.
- For a light to medium workload.
- For horses intended for competition in light training phases.
- For robust horses that are expected to perform at high levels.
- For robust horses with a very poor utilisation of sources of nutrition.



Energie

For horses intended for competition or high performance

Our Energie feed is ideal for all horses that are expected to perform at high levels. The special thing about this Energie feed is its mixture of high-quality and rich ingredients: Highly digestible cereals and cold-pressed linseed oil are excellent sources of energy. Optimum, healthy source of protein and all essential amino acids lead to natural and effective muscle development. The very high vitamin E values, essential omega 3 fatty acids, electrolyte and trace elements prevent injury to and support muscle development at the same time. Note that electrolytes should be added to feed in case of excessive sweat loss. Of course, it is also important to ensure access to adequate water! The feedstuff, which is prepared as a textured muesli without pellets, is also suited for all breeds of horses requiring an extremely complete feed.

It is also readily accepted in stressful situations!

- Optimised and nutritionally complete with just 3 kg to 6 kg per day.
- For all breeds with corresponding performance such as: Eventing, endurance riding, intensive dressage, competitive trail riding, show jumping and especially race horses.
- It is also readily accepted in stressful situations!

For a daily ration of 2 kg to 4 kg

Ingredients:

26 % spelt in hull, milled; 25 % barley, milled; 19 % corn flakes; 10 % Hafer 58 Plus (oats), milled; 8 % spelt hulls; 5 % sugar beet molasses; 2.2 % linseed cake flakes, cold pressed; 1.3 % spent grain; 1.3 % calcium carbonate; 0.9 % brewer's yeast; 0.2 % sodium chloride; 0.2 % monobasic calcium phosphate; 0.2 % magnesium oxide

Analytical constituents and contents:

raw protein	9.9 %	potassium	0.5 %
raw fibre	8 %	magnesium	0.2 %
crude ash	5.3 %	sodium	0.1 %
raw fat	2.7 %	Digestible energy	12 MJ
calcium	0.8 %	starch	47 %
phosphorus	0.4 %		

Nutritional additives per kg:

vitamin A	14,700 IE	copper	25 mg
vitamin D 3	840 IE	iron	20 mg
vitamin E	420 mg	iodine	0.8 mg
zinc	160 mg	selenium	0.4 mg
manganese	40 mg	cobalt	0.4 mg

The feed contains sufficient quantities of B vitamins.

Technological additives:

Calcium propionate

Package:

25 kg sack
500 kg big box

Shelf life:

4 months

Bulk weight:

1 litre = approx. 330 g.
1 Nösenberger measuring cup = approx. 500 g

For a daily ration of 3 kg to 6 kg

Ingredients:

21 % spelt in hull, milled; 21 % corn flakes; 21 % Hafer 58 Plus (oats), milled; 20 % barley, thermally treated; 4.4 % linseed, cold pressed; 4 % sugar beet molasses; 3 % linseed cake flakes, cold pressed; 1.8 % spent grain; 1.2 % brewer's yeast; 1 % calcium carbonate; 0.15 % monobasic calcium phosphate; 0.15 % sodium chloride; 0.1 % magnesium oxide

Analytical constituents and contents:

raw protein	10.5 %	phosphorus	0.4 %
raw fat	7.6 %	magnesium	0.2 %
raw fibre	6.2 %	sodium	0.1 %
crude ash	4.8 %	Digestible energy	13.8 MJ
calcium	0.8 %	starch	47 %
potassium	0.5 %		

Nutritional additives per kg:

vitamin A	12,600 IE	copper	25 mg
vitamin D 3	720 IE	iron	20 mg
vitamin E	860 mg	iodine	0.7 mg
zinc	135 mg	selenium	0.4 mg
manganese	30 mg	cobalt	0.3 mg

The feed contains sufficient quantities of B vitamins.

Technological additives:

Calcium propionate

Package:

25 kg sack
500 kg big box

Shelf life:

4 months

Schüttgewicht:

1 litre = approx. 370 g.
1 Nösenberger measuring cup = approx. 550 g



Weidebei

For horses that graze for several hours

For all horse breeds that graze and subject to normal physical load conditions for several hours or all day. For horses that tend to exhibit a swollen belly- think: "pregnant gelding".

Explanation: Hay and grass are not really enough! Horses that are hungry tend to eat large quantities of grass. This intensive consumption of grass results in an extreme accumulation of water in the intestines (a horse's digestion can take up to approx. 2 days!). The now visible belly is only abnormal accumulation of fluid in the abdomen and not a fat deposit. In fact, this belly is a sign of immense hunger!

Solution: The Weidebei is incredibly filling – especially due to the high percentage of spelt. As a result, consumption of grass is reduced, less water stored in the intestines. The horse regains a suitable figure. Performance and concentration improve. Your horse also regains its sense of equilibrium – What horse likes to be hungry anyway? This approach has proven its worth with 90 % of all horses and can also prevent founder due to too much grass! Try it out, you will be surprised!

- For horses of all breeds as supplement to one-sided grazing.
- Ensures a balanced ratio for sensitive metabolism.
- Less grass is consumed, preventing swollen bellies (less grass – less fructan).
- Grass is a good source of vitamin A.
- Horses produce vitamin D3 on their own through their skin with direct sunlight.

Recommended daily ration of 1 kg to 3 kg

Ingredients:

30 % spelt in hull, milled; 30 % barley, milled; 18 % corn flakes; 10 % spelt hulls; 5 % sugar beet molasses; 2.6 % linseed cake flakes, cold pressed; 1.7 % calcium carbonate; 0.8 % monobasic calcium phosphate; 0.6 % magnesium oxide; 0.4 % sodium chloride

Analytical constituents and contents:

raw protein	9.2 %	potassium	0.5 %
raw fibre	8 %	magnesium	0.5 %
crude ash	6.8 %	sodium	0.2 %
raw fat	2.4 %	Digestible energy	11.5 MJ
calcium	1 %	starch	45 %
phosphorus	0.5 %		

Nutritional additives per kg:

vitamin A	none	copper	45 mg
vitamin D 3	none	iron	30 mg
vitamin E	650 mg	iodine	1.2 mg
zinc	400 mg	selenium	0.8 mg
manganese	55 mg	cobalt	0.6 mg

The feed contains sufficient quantities of B vitamins.

Technological additives:

Calcium propionate

Package:

25 kg sack
500 kg big box

Shelf life:

4 months

Bulk weight:

1 litre = approx. 330 g.
1 Nösenberger measuring cup = approx. 500 g



Haferbei without oats

As supplement to one-sided oat-based feedings

Natural variety is the key to success. That's why Haferbei is the optimum supplement to oats. It contains a broad spectrum of nutrients and active ingredients and thus complements the one-sided feeding with oats in a natural manner. Our Haferbei is a muesli product that has a good texture without pellets and is usually dust-free and absolutely homogeneous.

Information about oats: This grain has rightly earned its predominant role as a horse feed in Central Europe. It is readily accepted and highly digestible and promotes digestion thanks to its mucilage. The phrase "feeling one's oats" is in most cases unjustified. It goes without saying though that using oats as exclusive feedstuff is not a good idea. Hay and oats are too one-sided! The right combination with other feedstuffs makes oats valuable. Our in-house testing did not confirm the general inability to metabolise oats. Of course, horses can still eat a well-balanced diet that does not include oats.

- For horses of all breeds as supplement to one-sided feeding with oats.
- It complements oats in such a way that you have a healthy and tasty supplement.
- It regulates and optimises the one-sided oats-based feeding in a natural manner.
- Pay close attention to the quality of the oats. At least 550 g/litre. Free of black fungus. Free of parasites.

Recommended daily ration of 500 g to 1.5 kg

Ingredients:

30 % spelt in hull, milled; 23 % corn flakes; 23 % barley, milled; 6.5 % spelt hulls; 5 % sugar beet molasses; 3.5 % linseed cake flakes, cold pressed; 3 % calcium carbonate; 2.1 % spent grain; 1.4 % brewer's yeast; 0.6 % sodium chloride; 0.5 % monobasic calcium phosphate; 0.4 % magnesium oxide

Analytical constituents and contents:

raw protein	10.3 %	potassium	0.5 %
crude ash	7.9 %	magnesium	0.3 %
raw fibre	7.1 %	sodium	0.3 %
raw fat	2.7 %	Digestible energy	11.7 MJ
calcium	1.5 %	starch	45 %
phosphorus	0.5 %		

Nutritional additives per kg:

vitamin A	42,000 IE	copper	75 mg
vitamin D 3	2,400 IE	iron	60 mg
vitamin E	1,200 mg	iodine	2.4 mg
zinc	450 mg	selenium	1.2 mg
manganese	105 mg	cobalt	1.1 mg

The feed contains sufficient quantities of B vitamins.

Technological additives:

Calcium propionate

Package:

25 kg sack
500 kg big box

Shelf life:

4 months

Schüttgewicht:

1 litre = approx. 330 g.
1 Nösenberger measuring cup = approx. 500 g



Stuten & Fohlen

For a healthy and successful breeding programme

The textured muesli Stuten & Fohlen covers the entire spectrum of essential nutrients that are so vital for the "mother and baby" prior to and after foaling. The best thing is that this muesli blend optimally provides both your mares and foals with the necessary vitamins, minerals and trace elements. That's why we recommend starting with the feedstuff eight to four weeks prior to foaling and not earlier. Lactating mares are fed Stuten & Fohlen prior to weaning, whereas it is completely normal to double or triple the daily ration. The milk production is an incredible feat, but mares should not be over-involved with foals. Feed can also be offered to foals after the first few days of life. Depending on the level of development, Stuten & Fohlen can be given up to 12 to 18 months of life. Healthy foals have good instincts and do not overeat. As a result, you can give the foal as much feed as it wants without worrying. **Note:** Salt blocks may not be left within the reach of foals! The feedstuff supplies foals with all essential building blocks for a healthy and balanced growth from the start.

- For an optimum start – without overfeeding.
- Optimised for mares and growing foals.
- It contains all macronutrients, e.g. the essential protein building blocks, such as amino acids like lysine, methionine, etc., for a healthy and balanced growth.
- The vital micronutrients like vitamins, minerals and trace elements ensure that nothing is missing.

Recommended daily ration of 2 kg to 6 kg

Ingredients:

20 % spelt in hull, milled; 18 % corn flakes; 18 % barley flakes, thermally treated; 10 % Hafer 58 Plus (oats), milled; 6 % wheat bran; 6 % alfalfa leaves; 6 % linseed cake flakes, cold pressed; 5 % sugar beet molasses; 4 % spent grain; 2.7 % brewer's yeast; 2 % calcium carbonate; 0.8 % monobasic calcium phosphate; 0.5 % sodium chloride; 0.3 % magnesium oxide

Analytical constituents and contents:

raw protein	13.3 %	phosphorus	0.6 %
raw fibre	7.6 %	magnesium	0.3 %
crude ash	7.5 %	sodium	0.2 %
raw fat	3.9 %	Digestible energy	12.2 MJ
calcium	1.2 %	starch	39 %
potassium	0.8 %		

Nutritional additives per kg:

vitamin A	20,250 IE	copper	35 mg
vitamin D 3	1,300 IE	iron	15 mg
vitamin E	525 mg	iodine	1 mg
zinc	170 mg	selenium	0.3 mg
manganese	45 mg	cobalt	0.3 mg

The feed contains sufficient quantities of B vitamins.

Technological additives:

Calcium propionate

Package:

25 kg sack
500 kg big box

Shelf life:

4 months

Bulk weight:

1 litre = approx. 330 g.
1 Nösenberger measuring cup = approx. 500 g



Senior without oats

For horses that have age-related problems

The older a horse is, the more it needs change in terms of nutrients. Senior fulfils these needs and is beneficial for horses with age-related teeth, weight and digestion problems. The dust-free and absolutely homogeneous muesli product without pellets improves feed intake with great taste and high nutritional values. Moreover, the intensive use of dietary components gently reactivates the digestive system. Our Senior provides horses with easy-to-digest energy as well as vitamins, minerals and trace elements that are optimised for old age. For horses with dental problems, the feedstuff can be soaked with water to achieve a mash.

Performance depends on health and vitality! Lost performance can be regained!

- For older horses of all breeds with problems like: Drop in performance, weight or digestion problems, weak immune system, dental problems, etc. (For extreme cases, we recommend soaking the feed beforehand – a fantastic variation to mash! Add warm water and done).
- For horses of all breeds after an operation on digestive tract.
- For gentle reactivation of the digestive system.

Recommended daily ration of 700 g to 2.5 kg

Ingredients:

30 % spelt in hull, finely milled; 15 % corn flakes; 14 % barley flakes, thermally treated; 8 % linseed cake flakes, cold pressed; 8 % alfalfa leaves; 8 % wheat bran; 5 % sugar beet molasses; 3.3 % spent grain; 2.2 % brewer's yeast; 1.5 % linseed oil, cold pressed; 1 % calcium carbonate; 0.8 % monobasic calcium phosphate; 0.7 % sodium chloride; 0.5 % magnesium oxide

Analytical constituents and contents:

raw protein	13.5 %	potassium	0.9 %
crude ash	8.4 %	magnesium	0.4 %
raw fibre	8 %	sodium	0.3 %
raw fat	5.4 %	Digestible energy	12.3 MJ
calcium	1.3 %	starch	34 %
phosphorus	0.6 %		

Nutritional additives per kg:

vitamin A	44,400 IE	copper	80 mg
vitamin D 3	2,600 IE	iron	60 mg
vitamin E	1,250 mg	iodine	2.5 mg
zinc	460 mg	selenium	1.1 mg
manganese	110 mg	cobalt	1.1 mg

The feed contains sufficient quantities of B vitamins.

Technological additives:

Calcium propionate

Package:

10 kg sack
25 kg sack
500 kg big box

Shelf life:

4 months

Bulk weight:

1 litre = approx. 400 g.
1 Nösenberger measuring cup = approx. 600 g



Araber without oats

For oriental horse breeds

The Nösenberger Araber muesli has been developed specifically for oriental horse breeds subject to light to medium physical load conditions. The main ingredient barley, which is traditionally used as a feedstuff in the orient, is lower in protein thanks to our contract farming operations and is thus healthier still. The ingredients spelt and corn flakes make the feed so nutritionally complete for delicate, fast Arabian horses with great endurance and contribute especially to maintaining the figure that is typical for the breed. The good texture, highly digestible energy, essential amino acids, vitamins and minerals complete the dust-free and absolutely homogeneous muesli mixture. Araber is gentle on stomach and intestines and provides horses with nutrients without overfeeding and replaces any additional mineral feedstuff.

- For oriental horse breeds: Arabians, Berbers.
- Promotes figure that is typical for the breed and its spirited nature.
- Nutritionally complete – without overfeeding.

Recommended daily ration of 1 kg to 3 kg

Ingredients:

38 % barley, milled; 25 % spelt in hull, milled; 15 % corn flakes; 9.5 % spelt hulls; 5 % sugar beet molasses; 2.4 % linseed cake flakes, cold pressed; 1.4 % spent grain; 1.4 % calcium carbonate; 1 % brewer's yeast; 0.25 % sodium chloride; 0.25 % monobasic calcium phosphate; 0.2 % magnesium oxide

Analytical constituents and contents:

raw protein	9.9 %	potassium	0.5 %
raw fibre	7.9 %	magnesium	0.2 %
crude ash	5.4 %	sodium	0.2 %
raw fat	2.4 %	Digestible energy	11.7 MJ
calcium	0.8 %	starch	46 %
phosphorus	0.4 %		

Nutritional additives per kg:

vitamin A	19,000 IE	copper	35 mg
vitamin D 3	1,100 IE	iron	25 mg
vitamin E	540 mg	iodine	1.1 mg
zinc	200 mg	selenium	0.5 mg
manganese	45 mg	cobalt	0.5 mg

The feed contains sufficient quantities of B vitamins.

Technological additives:

Calcium propionate

Package:

25 kg sack
500 kg big box

Shelf life:

4 months

Bulk weight:

1 litre = approx. 330 g.
1 Nösenberger measuring cup = approx. 500 g



Quarter

For North American horse breeds

For all North American horse breeds subject to normal or heavy physical load conditions. Maize, which is the traditional feedstuff in North America, is extensively refined by means of thermal treatment with regard to digestibility. Corn flakes are low in protein and rich in energy and thus an ideal main ingredient for these extremely powerful breeds. North American horse breeds are very frugal and characterised by a compact build, swiftness when sprinting, well-developed muscles, manoeuvrability and dexterity. Our Müsli Leicht has really proven itself as a maintenance feedstuff for these breeds when fed in daily rations of less than 2 kg. Our Quarter is a muesli product that has a good texture without pellets and is usually dust-free and absolutely homogeneous. Quarter is gentle on stomach and intestines and provides horses with nutrients without overfeeding and replaces any additional mineral feedstuff.

- For all North American horse breeds: Quarter, Paint, Appaloosa, etc.
- Promotes the figure that is typical for these breeds and their powerful, muscular build.
- Nutritionally complete – without overfeeding.

Recommended daily ration of 2 kg to 4 kg

Ingredients:

30 % corn flakes; 20 % spelt in hull, milled; 20 % barley, milled; 10 % Hafer 58 Plus (oats), milled; 8 % spelt hulls; 5 % sugar beet molasses; 1.3 % calcium carbonate; 2.2 % linseed cake flakes, cold pressed; 1.3 % spent grains; 0.9 % brewer's yeast; 0.2 % sodium chloride; 0.2 % monobasic calcium phosphate; 0.15 % magnesium oxide

Analytical constituents and contents:

raw protein	9.8 %	potassium	0.5 %
raw fibre	7.4 %	magnesium	0.2 %
crude ash	5.1 %	sodium	0.1 %
raw fat	2.9 %	Digestible energy	12 MJ
calcium	0.8 %	starch	48 %
phosphorus	0.4 %		

Nutritional additives per kg:

vitamin A	14,700 IE	copper	25 mg
vitamin D 3	850 IE	iron	20 mg
vitamin E	420 mg	iodine	0.8 mg
zinc	160 mg	selenium	0.4 mg
manganese	35 mg	cobalt	0.4 mg

The feed contains sufficient quantities of B vitamins.

Technological additives:

Calcium propionate

Package:

25 kg sack
500 kg big box

Shelf life:

4 months

Bulk weight:

1 litre = approx. 330 g.
1 Nösenberger measuring cup = approx. 500 g



Alternativ without oats & molasses

Without additional micronutrients for individual preparation of rations

Nösenberger Alternativ offers you a great way for individualising your feeds! Alternativ forms a healthy basis, and by adding micronutrients (e.g. Nösenberger mineral feed), you are able to supplement the ration to suit the specific needs of your horse.

Alternativ does not contain oats and can thus be mixed with the oats you have on hand. It consists of a high-quality mixture of grains (spelt in hull, corn flakes, barley) with cold pressed linseed flakes, alfalfa stems and cold pressed linseed oil, but no molasses or additional vitamins, trace elements and minerals! It offers an outstanding texture and is thus very chew-intensive without any pellets, of course! And as always, Nösenberger does not add any artificial flavourings, including to Alternativ!

- No molasses.
- No oats.
- Without any additional micronutrients (vitamins, minerals, trace elements)
- For anyone who likes to make things more complicated: an individual preparation of rations.
- Outstanding texture, thus very chew-intensive.



Reha/e without oats with ginkgo

For horses and ponies

The problem solver for risk horses! One product that finally offers a practical solution: It is absolutely molasses-free, has reduced protein (40% less*), and reduced carbohydrates (40% less*), is very easy to digest and extremely filling thanks to spelt. Reha/e, the special feedstuff with 2.5% ginkgo biloba (of pharmacy quality) and very high dose of all micronutrients, without any oats and as usual no pellets whatsoever. It is very voluminous and easily fills a feed trough. There is a lot to chew. With cold pressed linseed oil (more than 55% omega 3 fatty acids), cold pressed linseed flakes and digestion-stimulating brewer's yeast.

The Reha/e has been used at Nösenberger for many years with great success!

- No molasses and no oats.
- With ginkgo biloba, which promotes metabolism.
- Reduced carbohydrate and protein.
- With many healthy omega 3 fatty acids (linseed oil).
- With lots of experience and excellent results.

Recommended daily ration of 500 g to 6 kg

Ingredients:

35% spelt in hull, milled; 33% barley, milled; 20% corn flakes, thermally treated; 5% spelt hulls; 2.5% linseed cake flakes, cold pressed; 2% alfalfa stems, leaves removed; 2% linseed oil, cold pressed

Analytical constituents and contents:

raw protein	9.8 %	calcium	0.3 %
raw fibre	7.8 %	phosphorus	0.3 %
raw fat	4.6 %	magnesium	0.1 %
crude ash	3 %	sodium	0.02 %
potassium	0.5 %	Digestible energy	13 MJ
		starch	50 %

Nutritional additives per kg:

none

Technological additives:

Calcium propionate

Package:

25 kg sack
500 kg big box

Shelf life:

4 months

Bulk weight:

1 litre = approx. 400 g.
1 Nösenberger measuring cup = approx. 600 g

Recommended daily ration of 100 g to 1.5 kg

Ingredients:

35% spelt in hull, milled; 28% spelt hulls; 14.5% barley flakes, thermally treated; 8% linseed oil, cold pressed; 3% linseed cake flakes, cold pressed; 2.5% ginkgo leaves; 1.8% calcium carbonate; 1.2% spent grain; 1.4% sodium chloride; 0.8% magnesium oxide; 0.8% brewer's yeast; 1.2% monobasic calcium phosphate

Analytical constituents and contents:

raw fibre	13.7 %	phosphorus	0.6 %
raw fat	9.7 %	sodium	0.4 %
crude ash	9.7 %	potassium	0.3 %
raw protein	7.3 %	Digestible energy	11.4 MJ
calcium	1.2 %	starch	27 %
magnesium	0.7 %		

Nutritional additives per kg:

vitamin A	31,500 IE	copper	120 mg
vitamin D 3	1,800 IE	iron	90 mg
vitamin E	1,800 mg	iodine	3.5 mg
zinc	880 mg	selenium	2 mg
manganese	155 mg	cobalt	1.6 mg

The feed contains sufficient quantities of B vitamins.

Technological additives:

Calcium propionate

Package:

7.5 kg sack
15 kg sack
350 kg big box

Shelf life:

4 months

Bulk weight:

1 litre = approx. 270 g.
1 Nösenberger measuring cup = approx. 400 g

* In relation to our standard.



Struktur Pur without grains

Pure textured feedstuff with valuable alfalfa stems

Textured feedstuff for every breed of horse! Of course, it is also suited for problem horses, which are normally not allowed to eat "anything". The Struktur Pur is low-protein, reduced sugar and reduced starch. It is an extremely chew-intensive fibre feedstuff with a shot of cold pressed linseed oil and linseed flakes. As a result, it contains valuable mucilage and omega 3 fatty acids. It is also suited as additive to manger feed in order to prevent horses from wolfing down their feed. The time spent eating is extended, which in turn creates more saliva and promotes digestion. Of course, it can also be used as a roughage substitute or roughage supplement – for horses with dust allergies or problems with hay quality. Struktur Pur is always good!

- Suited for horses with dust allergies, since it is dust-free!
- For horses that tend to wolf down their feed, it serves as a "decelerator". In such case, two handfuls are usually sufficient.
- As concentrated feed substitute, "when all other horses are getting something to eat".

As needed

Ingredients:

50 % alfalfa stems (extremely reduced protein, since leaves are removed and thus plenty healthy Struktur pur), plus 40 % spelt hulls; 5 % linseed cake flakes, cold pressed; 5 % linseed oil, cold pressed

Analytical constituents and contents:

raw fibre	33 %	calcium	0.8 %
crude ash	8.2 %	phosphorus	0.2 %
raw protein	7.7 %	Digestible energy	8.9 MJ
raw fat	7.5 %	starch	2.5 %

Nutritional additives per kg:

none

Technological additives:

none

Package:

10 kg sack
200 kg big box

Shelf life:

6 months

Bulk weight:

1 litre = approx. 130 g.
1 Nösenberger measuring cup = approx. 200 g



Luzerne-Mix without oats

Roughage substitute for horses with allergies and demanding horses.

The dust-free textured alternative: Our Luzerne-Mix has proven to be an all-round feedstuff: It can be used as hay substitute for horses of all breeds or as logical supplement to existing hay rations. This is especially important for horses, which do not tolerate any hay due to dust, pollen, etc., or even for pampered horse palates, which do not care for hay in the least. It is also readily accepted in stressful situations, e.g. in competition. It is not surprising that our Luzerne-Mix is so popular. After all, we use exclusively French alfalfa from the Champagne region and thus offer outstanding quality. The alfalfa leaves are removed from the stems in a special process such that they are dust-free and low-protein. Our Luzerne-Mix is also textured feedstuff without pellets and absolutely homogeneous. While moistening or soaking with water is not necessary of course, it can be done, e.g., for older horses with dental problems.

- Alternative to roughage for all breeds of horses.
- Luzerne-Mix is also readily accepted in stressful situations.
- It is also suited for improving the taste of unpopular feed rations.
- Coarse texture means slow intake of feed; Luzerne-Mix really slows down horses that tend to wolf down their feed. Just mixing a handful or two into the feedstuff is all you need.
- The small popular treat for in-between.

As needed

Ingredients:

55 % alfalfa stems – extremely reduced protein, since leaves are removed and thus plenty of healthy structure, plus 15 % corn flakes, thermally treated; 13 % spelt in hull, milled; 9 % spelt hulls; 7 % molasses

Analytical constituents and contents:

raw fibre	23.6 %	phosphorus	0.3 %
raw protein	9.1 %	magnesium	0.1 %
crude ash	8.9 %	sodium	0.1 %
raw fat	2 %	Digestible energy	9.4 MJ
potassium	2 %	starch	20 %
calcium	1.2 %		

Nutritional additives per kg:

none

Technological additives:

Calcium propionate

Package:

15 kg sack
350 kg big box

Shelf life:

6 months

Bulk weight:

1 litre = approx. 270 g.
1 Nösenberger measuring cup = approx. 400 g



Mein Kräuter-Müsli

without Oats

It can also be used as a mash

High quality muesli with pharmacy-quality herbs, but without any synthetic, essential oils! The special muesli for strengthening the immune system with valuable black cumin flakes and rose hip (rich in vitamin C). Nettle for an active metabolism, healthy fennel and the beneficial mint round out Mein Kräuter-Müsli.

- Delicious and healthy.
- Treat your horses to a warm "herbal muesli mash meal" not only during the cold winter months.
- Delicious and wholesome.
- Finally a genuine herbal muesli without any synthetic aromas.
- Pure nature, just the way it should be!



Mega-Mash-Plus

without oats

With Indian psyllium seed husks

Our Mega-Mash-Plus with Indian psyllium seed husks has proven itself for cleaning the intestinal tract or promoting digestion. Thanks to the increased mucus production, the horse's intestine is lined, thus improving its ability to empty. This also helps the removal of any residual deposits (e.g. sand). In doing so, horses are able to recover quickly after colic or other gastrointestinal problems. It is also good for horses recovering from an operation or during convalescence. Add it to "standing feed", since lack of movement can also lead to sluggish bowels. The mix' major benefit is that the natural ingredients are very tasty and thus readily accepted. Moreover, preparation is very simple. Just mix the desired amount together with two to three times as much warm water, let it sit for 15 minutes and serve.

The Nösenberger "15-Minute Mash"!

- The mash with Indian psyllium seed husks.
- After colic or other gastrointestinal problems, even suited for colic prevention.
- After an operation and of course during convalescence.
- As additional "standing feed" to prevent effects of lack of movement and sluggish bowels.
- Generally for better evacuation of bowels.
- As tasty warm treat.

Recommended daily ration of 200 g to 1 kg

Ingredients:

25 % alfalfa leaves; 15 % spelt in hull, crushed; 12 % barley flakes, thermally treated; 12 % corn flakes; 10 % barley, crushed; 9.4 % spelt hulls; 5 % sugar beet molasses; 4 % black cumin flakes, cold pressed; 1.5 % linseed cake, cold pressed; 1.6 % peppermint, cut; 0.9 % spent grain; 0.9 % rose hip, cut; 0.9 % nettle, cut; 0.7 % fennel, crushed; 0.6 % brewer's yeast

Analytical constituents and contents:

raw fibre	14 %	calcium	0.7 %
raw protein	12.8 %	phosphorus	0.3 %
crude ash	6.4 %	magnesium	0.1 %
raw fat	2.7 %	Digestible energy	11 MJ
		starch	33 %

Nutritional additives per kg:

none

Technological additives:

none

Package:

5 kg pail
20 kg sack
500 kg big box

Shelf life:

4 months

Bulk weight:

1 litre = approx. 500 g.
1 Nösenberger measuring cup = approx. 750 g

Recommended daily intake of 350 g to 1.5 kg

Ingredients:

20 % linseed flakes, cold pressed; 13 % barley flakes, thermally treated; 13 % spelt in hull, milled; 11 % corn flakes, thermally treated; 10 % wheat bran; 10 % alfalfa leaves; 5 % linseed oil, extra cold pressed; 5 % Indian psyllium seed husks; 5 % sugar beet molasses; 3 % spent grain; 2 % brewer's yeast; 2 % calcium carbonate

Analytical constituents and contents:

raw protein	14 %	phosphorus	0.6 %
raw fat	10.5 %	magnesium	0.2 %
raw fibre	7.5 %	sodium	0.1 %
crude ash	6.9 %	Digestible energy	13 MJ
calcium	1.2 %	starch	24 %
potassium	0.9 %		

Nutritional additives per kg:

none

Technological additives:

Calcium propionate

Package:

5 kg pail
15 kg sack
500 kg big box

Shelf life:

6 months

Bulk weight:

1 litre = approx. 500 g.
1 Nösenberger measuring cup = approx. 750 g

New to our product range!



Cool-Summer-Mash

without oats – molasses-free

Finally a mash for summer and grazing months! Cool, because it is prepared with cold water and is refreshing! For that extra portion of water and electrolytes, including all minerals which are missing during the grazing period. Of course, it contains cold pressed linseeds and brewer's yeast in order to help keep frequently stressed bowels regular and to stabilise intestinal flora. Valuable cereals like spelt, barley and corn flakes are filling and long lasting. The alfalfa provides additional fibre and gives it better flavour. It can also be used as a daily feedstuff.

- The mash for grazing months.
- Prepared cold and can be given immediately.
- Delicious and refreshing.
- Nutritionally complete with everything that the pasture doesn't offer!
- For that extra portion of water and electrolytes, including all minerals.
- The alfalfa provides additional fibre and gives it better flavour.

Recommended daily ration of up to 800 g

Ingredients:

20 % linseed flakes, cold pressed; 20 % alfalfa leaves; 20 % spelt in hull, milled; 13 % barley flakes, thermally treated; 8 % corn flakes, thermally treated; 5 % linseed oil, extra cold pressed; 3 % spent grain; 2 % brewer's yeast; 2 % calcium carbonate; 2.2 % monobasic calcium phosphate; 1.6 % magnesium oxide; 1.1 % sodium chloride

Analytical constituents and contents:

raw protein	14.5 %	magnesium	1.1 %
crude ash	12.7 %	phosphorus	0.9 %
raw fat	9.8 %	sodium	0.5 %
raw fibre	9.6 %	Digestible energy	12.7 MJ
calcium	1.8 %	starch	22.9 %
potassium	1.1 %		

Nutritional additives per kg:

vitamin A	none	manganese	180 mg
vitamin D 3	none	copper	140 mg
vitamin E	1800 mg	iodine	3.4 mg
zinc	1100 mg	selenium	2.3 mg
iron	250 mg	cobalt	2.0 mg

Technological additives:

Calcium propionate

Package:

5 kg pail

Shelf life:

6 months

Bulk weight:

1 litre = approx. 330 g.

1 Nösenberger measuring cup = approx. 500 g



Sondermischung 50 kg or more

We mix at your request

If you would like to have a very specific mixture, we will prepare it for you in quantities greater than 50 kg. Whether your horse is extremely picky or has a particular feed allergy, we are here to help you put together the right feedstuff. Allergies can frequently be traced back to the use of inappropriate feeds and thus be avoided by switching the feeds. In case of an allergy involving one or more elements, send us the results of the allergy test and we will prepare a special mix just for your horse – in coordination with your veterinarian or traditional healer, of course.

The charge for this service is based on the costs. The minimum order quantity is only two sacks – i.e. 50 kg.

- A muesli product tailored to your requests and the needs of your horse.
- Adapted to your specific situation.
- Nutritionally complete with everything that your horse needs.
- A practical and cost-effective alternative to mixing your own feeds
- With competent and professional advice.

If you would like to make use of this service, please contact our hotline. After extensive consultation, your special feedstuff is assigned a specific number or name. This information can be used later on when placing an order with one of our authorised dealers. Please keep in mind the times needed for planning and logistics. Of course, you can also pick up your order at our plants within 24 hours.

Package:

Minimum qty. 50 kg, sack or big box

Shelf life:

4 months



Two types available: with & without oats!



EXKLUSIV

The cost-effective premium muesli without pellets as of 2 m. tonnes

For large operations that want to use a cost-effective premium muesli exclusively or in part. As complete solution or as supplement to existing cereals. We deliver the Nösenberger Exklusiv (with or without oats at your request) in 3 big boxes, each weighing 667 kg for orders larger than two m. tonnes.

Freshness guaranteed: The feedstuff is produced only after we receive your order. Order through your dealer or directly from our plant:

Tel.: +49 (0) 6181/3 10 77

Are you interested?
We look forward to your request!

- Embraced by both horses and riders.
- Very favourable in terms of pricing.
- Fully mineralised, including trace elements.
- With sufficient vitamins (including vitamin E!).
- No other additives necessary.
- No pelleted elements (pellet-free!).
- Two types available (with & without oats).
- Only for large operations (only in quantities 2 m. tonnes or more).
- Free shipping – by forwarding agent with lifting platform.
- Clean and practical packaging in 3 big boxes.
- Packed on 3 disposable pallets in a sturdy cardboard box with lid.
- Weight: each box is 667 kg (plus packaging).
- Dimensions: 114x114 cm and 180 cm tall.
- Freshness guaranteed:
You order, we produce and deliver to you!

Ingredients without oats:

52% barley, milled; 17.5% spelt, milled; 8.5% corn flakes; 5% sugar beet molasses; 5% alfalfa leaves; 3.4% wheat bran; 2% spelt hulls; 2.6% calcium carbonate; 1% linseed cake flakes, cold pressed; 0.6% spent grain; 0.6% monobasic calcium phosphate; 0.4% brewer's yeast; 0.4% sodium chloride; 0.2% magnesium oxide

Ingredients with oats:

47% barley, milled; 12.5% spelt, milled; 10% Hafer 58 Plus (oats), milled; 8.5% corn flakes; 5% sugar beet molasses; 5% alfalfa leaves; 3.4% wheat bran; 2% spelt hulls; 2.6% calcium carbonate; 1% linseed cake flakes, cold pressed; 0.6% spent grain; 0.6% monobasic calcium phosphate; 0.4% brewer's yeast; 0.4% sodium chloride; 0.2% magnesium oxide

Analytical constituents and contents:

raw protein	10.6 %	phosphorus	0.5 %
Digestible protein	8.1 %	potassium	0.6 %
raw fibre	6.6 %	magnesium	0.3 %
raw fat	3.5 %	sodium	0.13 %
crude ash	6.8 %	Digestible energy	11.7 MJ
calcium	1.3 %	starch	42 %

Nutritional additives per kg:

vitamin A	20,000 IE	iron	20 mg
vitamin D 3	1,200 IE	copper	35 mg
vitamin E	550 mg	iodine	1 mg
zinc	190 mg	selenium	0.4 mg
manganese	45 mg	cobalt	0.4 mg

The feed contains sufficient quantities of B vitamins.

Technological additives:

Calcium propionate

Package:

2 m. tonnes in 3 big boxes each weighing 667 kg

Shelf life:

4 months

Bulk weight:

1 litre = approx. 500 g.
1 Nösenberger measuring cup = approx. 750 g



Dinkel im Spelz

Spelt in hull is considered the better oat! Spelt is considerably more texture-rich and chew-intensive. More texture means:

- More saliva – more bicarbonates – less hyperacidity!
- More active bowels – less risk of disease!
- More intensive bowel function – improved digestion – less feed costs.

A horse does not live on what it eats, but rather on what it digests. Spelt is extremely digestible and a valuable alternative especially for horses with allergies. Nösenberger spelt, which has been a main ingredient in our feedstuffs for more than 20 years, forms the basis for your and our success.

Package:
25 kg sack
500 kg big box

Shelf life:
36 months



Hafer 58 Plus

Not all oats are good oats! Just like not every red wine is a good red wine. Region, climate, year of harvest and many other factors play a decisive role on quality and the potential use for horses.

Note: Not all oats are suitable for making a healthy horse feed. That is a fact often neglected, and thus many horses have problems with "their oats". We use only the highest quality ingredients at Nösenberger!

That's why our oats come primarily from Finland and have a test weight (kg/hl) of at least 58 kg.

Package:
25 kg sack
500 kg big box

Shelf life:
36 months



Maisflocken

The classic feedstuff when it comes to horse feeds, not only in North America. It does have to be broken down, however, to ensure that horses are able to optimally digest it. Nösenberger's Maisflocken are packed full of energy and are low in protein at the same time. They are tasty and very easy to digest. It goes without saying that we do **not** use any genetically manipulated products based on current assessment.

Package:
25 kg sack
500 kg big box

Shelf life:
36 months



Gerstenflocken

The oriental grain that is a good choice at Nösenberger. Gerstenflocken is an excellent alternative as supplement for other grains. Energy and protein are responsible for performance, muscle development and maintenance. Choice of variety and cultivation play a decisive role for horses. That's why we have barley flakes in our product range.

We guarantee maximum digestibility for your horse thanks to the thermal break-down process at more than 250°C.

Package:
25 kg sack
500 kg big box

Shelf life:
36 months

New to our product range!



Reiskleie stabilised

A healthy alternative to cereals in horse feeds. Due to individual intolerances, Nösenberger Reiskleie is not only a suitable substitute but also supplement to muesli, spelt, oats, barley, corn, etc. A high native amount of nutrients and active ingredients (including vitamins, minerals and trace elements), combined with natural antioxidants, makes rice bran a good modern alternative.

- A high oil content (approx. 20 %) including gamma oryzanol
- Natural antioxidants
- Light & highly digestible raw fibre
- Especially suited for starch intolerance
- Readily accepted

Package:
15 kg sack

Shelf life:
3 months

New to our product range!



Reiskeimöl

Another oil suitable for horse feed besides the proven linseed oil. Nösenberger Reiskeimöl is ideal for careful muscle development. It also supports cardiovascular functions and is highly regarded when it comes to performance and convalescence.

- 100 % pure rice germ oil
- Natural antioxidants
- Also contains gamma oryzanol
- Readily accepted
- Supports a natural muscle growth

Package:
1 l bottle
5 l canister
25 l canister

Shelf life:
12 months

New to our product range!



Luzerne-Stängel pur

Perfect fibre, perfect taste, perfect volume – substantial without being heavy. Sun-ripened French alfalfa from the Champagne region. Grown in lime-rich soils with a wonderful climate for wine and alfalfa. Harvested at just the right time, dried promptly to ensure that no nutrients are lost, and placed in storage. We further process the alfalfa in Germany, obtaining the ideal fibre carrier material. Our alfalfa stems are suited as hay substitute and as an additive to hay and feed. They are an excellent **“decelerator”** for horses that tend to wolf down their feed and are well suited as a **“taste enhancer”** for animals with a diminished appetite. The stems stimulate chewing, resulting in more saliva and thus more bicarbonates, which in turn have a positive impact on the acid balance in the gastrointestinal system. Luzerne-Stängel pur is suited for all breeds of horses and ponies – especially in problem situations!

- Perfect texture
- A **“decelerator”** for horses that wolf down their feed
- As hay substitute/hay additive
- For extending normal feed rations
- As **“taste enhancer”**

Package:
12 kg sack
200 kg big box

Shelf life:
24 months

Premium Mueslis

Special Mueslis

Muesli for Large Operations

Individual Feeds

Minerals & Co.

Linseed Products

Herbs & Co.

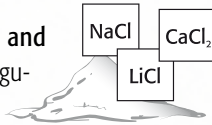
Care Series

Treats



Calcium – Good for muscles and nerves Calcium is an important mineral for horses. It supports the formation of bone and teeth, stabilises cells and promotes blood coagulation. Calcium is moreover important for muscles and nerves. Note: Too much calcium prevents the body's ability to absorb iron.

Chloride – For heart, nerves and muscles Chloride as a mineral regulates the balance of water and electrolytes in a horse's body and thus is vital for the heart, nerves and muscles.



Iron – Good for blood Iron is an essential trace element and is responsible for the transport and storage of oxygen in the body.

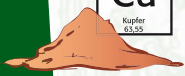
Iodine – Good for thyroid Iodine is a trace element that is especially important for the thyroid. It regulates the metabolism and the body's temperature.



Potassium – For muscles Potassium is an essential mineral and is responsible for the utilisation of carbohydrates and protein structure in horses. Moreover, potassium is one of the most important electrolytes in the body fluid and is jointly responsible for controlling muscle activity.



Copper – For bones and hair Copper is a vital trace element that is mainly responsible for metabolism and iron transport and thus very important for the immune system. It is involved in the production of blood and pigment cells, skeleton development, fertility and hair growth.



Magnesium – For bones, muscles and nerves Magnesium is an indispensable mineral for all horses. It is important for bone, cartilage and cell formation, relaxes muscles and activates enzymes for the energy metabolism. It is responsible for the formation of body proteins and supports the carbohydrate and fat metabolism.



Manganese – For bone, cartilage and connective tissue Manganese is an important trace element for the formation of bone, cartilage and connective tissue. It also influences the metabolism, hair pigmentation, bone development and fertility.

Molybdenum – For blood Molybdenum is an important trace element for carbohydrate, fat and energy metabolism. It mobilises iron and thus prevents iron deficiency.

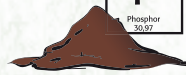


Sodium – For muscles and nerves Sodium as a mineral plays a major role in regulating the water balance of horses. It ensures the absorption of sugar and amino acids in



the body and is involved in muscle and nerve functions.

Facts about Minerals and Trace Elements



Phosphorus – For bones and teeth Phosphorus compounds are very important for a horse's life functions. They are responsible for energy generation and utilisation and thus for the maintenance of bones and teeth, for instance.



Selenium – For bones and teeth Selenium is a very important trace element for horses, especially for protecting the cell membrane and for tissue elasticity. Moreover, it is an integral part of bones and teeth.

Zinc – For skin, hair and connective tissue Zinc is a very important trace element for the metabolism and fulfils a variety of functions in horses. It plays a key role in sugar, fat and protein metabolism and is involved in the development of genetic material and cell growth. Both the immune system and many hormones need zinc to function correctly. Therefore, zinc is important for the healing of wounds, strengthens the immune system and is good for skin, hair and connective tissue.



What and How Much?

Anyone who wants to know the quantities of individual micronutrients that a horse requires and what needs to be taken into consideration during calculation, should not hesitate to contact our consultants. Too much is frequently not only expensive but can also be detrimental. Having sound information prevents problems and unnecessary costs. Let us help you with our knowledge.



Elektrolyte organisch

The optimum supplement for extreme stress

In case of high performance, your horse needs a fast replacement of nutrients lost. Our electrolytes are primarily bonded organically. That improves and speeds up the resumption of sweat loss. A fast replacement of lost electrolytes allows for a shortened and improved regeneration. The next task is right around the bend!

For a daily ration of 100 g to 200 g

Ingredients:

70 % dextrose; 15 % sodium bicarbonate; 5 % potassium chloride; 5 % sodium chloride

Nutritional additives per kg:

iron	3,200 mg	copper	23.5 mg
manganese	170 mg	selenium	1.7 mg
zinc	170 mg	cobalt	0.4 mg
iodine	62 mg		

Analytical constituents and contents:

crude ash	23 %	potassium	2.3 %
raw protein	0 %	sodium	6 %
raw fat	0 %		
raw fibre	0 %		

Technological additives:

kieselguhr 100,000 mg

Package:

2 kg pail
10 kg sack

Shelf life:

12 months



Mineralfutter

The optimum supplement for roughage and grains

Mineralfutter contains all the important minerals, vitamins and trace elements, which promote the formation of bones and teeth and support the function of horse nerves and muscles. The fat-soluble vitamin E (with 33,000 mg/kg) ensures optimum muscle development. In addition to that, it promotes virility and is important for supporting gestation.

For a daily ration of 30 g to 50 g

Ingredients:

40 % calcium carbonate; 21 % sodium chloride; 8 % magnesium oxide; 6 % semolina bran; 4 % monobasic calcium phosphate (anorganic); 1.5 % spent grain; 1 % brewer's yeast; 2.5 % sugar cane molasses

Nutritional additives per kg:

vitamin A	850,000 IE	biotin	6,665 mcg
vitamin D3	55,000 IE	cholin chloride	3,000 mg
vitamin E	33,000 mg	zinc	10,000 mg
vitamin B1	130 mg	manganese	3,000 mg
vitamin B2	410 mg	iron	2,500 mg
vitamin B6	330 mg	copper	1,600 mg
vitamin B12	2,665 mcg	iodine	30 mg
nicotinic acid	1,665 mg	cobalt	30 mg
pantothenic acid	1,000 mg	selenium	20 mg
folic acid	67 mg		

Analytical constituents and contents:

HCl-insoluble ash	3.1 %	magnesium	4.5 %
calcium	16.5 %	phosphorus	1 %
sodium	8 %		

Package:

3 kg pail
10 kg sack

Shelf life:

6 months



Vitamin E

The optimal supplement for relaxed muscles

If your horse delivers high performance and requires great endurance, it is a good idea to offer support. Vitamin E helps the muscles thanks to its antioxidant effect. The muscle metabolism is improved considerably, which in turn helps to optimise endurance and spring performance in a completely natural manner. It also supports virility and gestation in mares.

For a daily ration of 10 g to 40 g

Ingredients:

70 % calcium carbonate; 10 % semolina bran

Nutritional additives per kg:

vitamin E 100,000 mg

Analytical constituents and contents:

crude ash	78 %	HCl-insoluble ash	4.7 %
raw protein	1.5 %	calcium	26.5 %
raw fat	0.5 %		
raw fibre	1 %		

Package:

3 kg pail
10 kg sack

Shelf life:

6 months



Amino plus

The protein extra for muscle development, metabolism and better milk production

The protein extra for extreme muscle development, increasing milk production and cell regeneration of all vital organs or in case of lack of protein. With the aid of large quantities of essential amino acids (lysine, methionine and cysteine) we boost the protein metabolism for corresponding stress phases or even in aging horses, whose metabolism calls for additional support. The combination with calcium promotes both bone development and muscle formation in foals – especially suited for later bloomers.

For a daily ration of 25 g to 50 g

Ingredients:

18 % calcium carbonate; 14.2 % oatmeal flour; 2 % soy protein concentrate

Nutritional additives per kg:

L-Lysine 350,000 mg
DL-Methionine 200,000 mg

Analytical constituents and contents:

raw protein	55.2 %	calcium	6.5 %
crude ash	27.9 %	magnesium	0.5 %
raw fat	0.8 %	sodium	0.4 %
raw fibre	0.8 %		

Technological additives:

kieselguhr 100,000 mg

Package:

1 kg pail
10 kg sack

Shelf life:

24 months



Biotin Zn plus

The right combination for healthy hooves

Biotin by itself offers little benefit. It actually depends on the right combination of nutrients for healthy hooves. Biotin, zinc, copper, vitamin B6 and sulphurous amino acids (DL-Methionine & L-Cysteine) in sufficient form lead to a strengthening of the hoof tissue, ensuring that the hoof structure can withstand daily loads. To prevent deficiencies, we rely on high bioavailability and sustainable supply by means of a micronutrient matrix – scientifically at the cutting edge of research.

Note: Genetically “weak” hooves in particular need targeted assistance.

For a daily ration of 5 g to 10 g

Ingredients:

40 % wheat meal; 29.3 % semoline bran; 15 % dextrose; 0.2 % linseed oil

Nutritional additives per kg:

biotin 2,200,000 mcg
zinc 10,000 mg
DL-Methionine 25,000 mg

Analytical constituents and contents:

raw protein	12 %	raw fibre	2.8 %
crude ash	3.9 %	sulphur	0.6 %
raw fat	3.2 %	sodium	0.1 %

Technological additives:

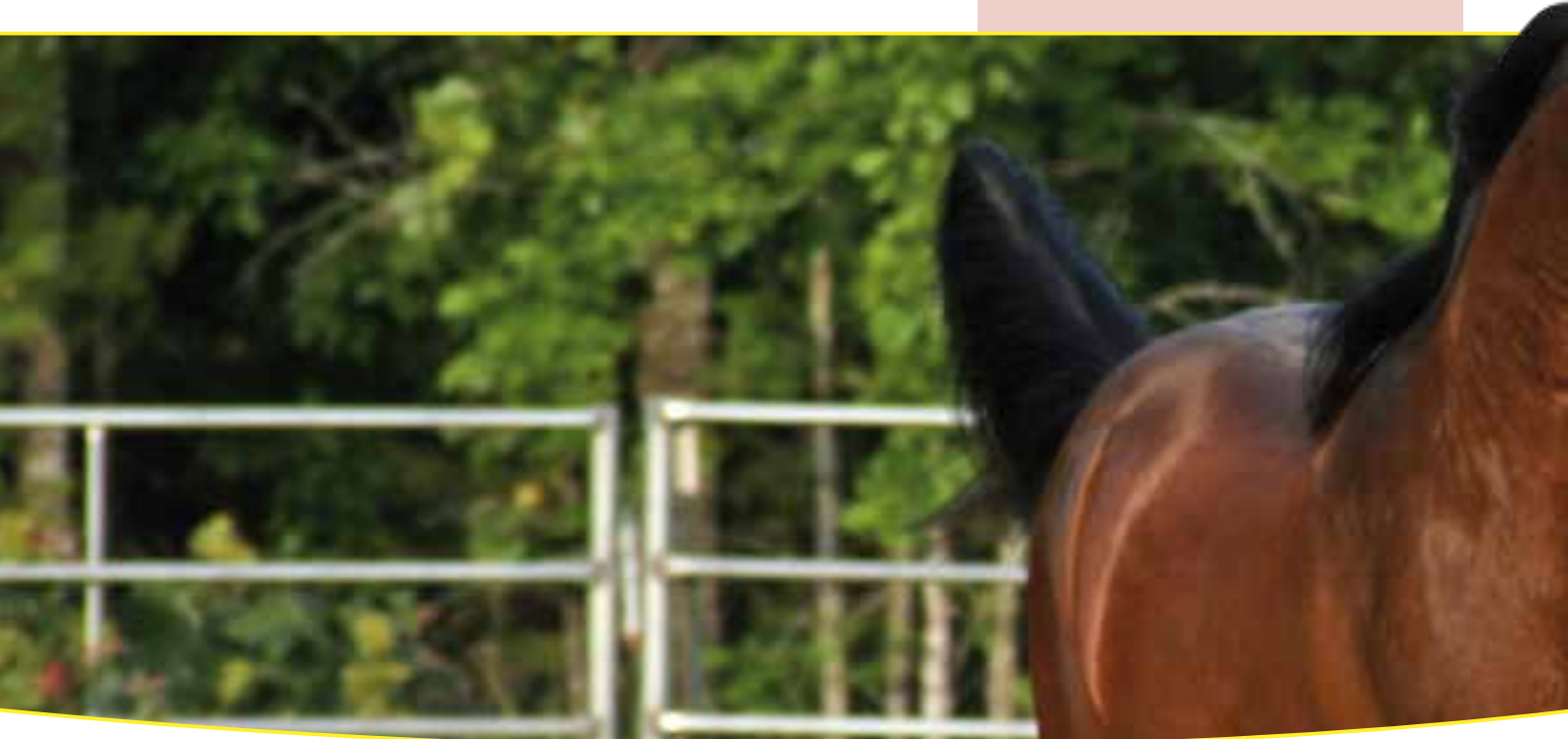
kieselguhr 30,000 mg

Package:

750 g pail
10 kg sack

Shelf life:

24 months





Magnesium organisch

Plus tryptophan. The combination for calmness, even nature and cool performance

Magnesium and tryptophan, two classic supplements combined for steady concentration and calmness. Here the active substances increase themselves and thus attain synergy effects for reduced stress and stability of the nervous system. Steady nerves are a fundamental prerequisite for maintaining success when subjected to highly

complex activities during training and competition. Guard against deficiencies by using highly effective organically bonded magnesium (magnesium fumarate), tryptophan and B vitamins. To prevent deficiencies, we rely on high bioavailability and sustainable supply with the aid of selective micronutrients – scientifically at the cutting edge of research.

For a daily ration of 10 g to 20 g

Ingredients:

40.7% wheat meal; 25% dextrose; 20% magnesium oxide; 7% magnesium fumarate; 3.6% calcium carbonate

Nutritional additives per kg:

vitamin B 12 100,000 mcg
L-Tryptophan 20,000 mg

Analytical constituents and contents:

crude ash	27.7 %	magnesium	11.8 %
raw protein	7.3 %	calcium	2 %
raw fat	2 %	phosphorus	0.2 %
raw fibre	1.9 %		

Package:

1 kg pail
10 kg sack

Shelf life:

24 months



MSM TK plus

The perfect combination for strengthening and regeneration of joints

Devil's claw and ginger for strong tendons and joints. Stressed kinetic body functions need optimum care especially in stressful situations. Tendons, tendon sheaths, ligaments, joints, joint capsules, cartilage and joint fluid require optimum

support in order to prevent damage and effectively improve the body's own repair functions. Mussel concentrate (comprising glycosaminoglycans – hyaluronic acid, chondroitin) and selected herbs including devil's claw, willow bark and ginger form the perfect combination for the healthy formation and fast regeneration of joints. **Note:** Joints require special attention especially in older horses!

For a daily ration of 10 g to 30 g

Ingredients:

20% mussel concentrate; 21.3% herbal mix (willow bark, birch, arnica, nettle, chamomille); 15% devil's claw; 10% chondroitin sulphate; 6% methylsulfonylmethane (MSM); 2.5% ginger; 3% linseeds; 2% linseed oil

Nutritional additives per kg:

vitamin E	16,000 mg	molybdenum	17 mg
vitamin C	16,000 mg	selenium	17 mg
iron	8,300 mg	iodine	7 mg
zinc	8,300 mg	cobalt	4 mg
manganese	6,700 mg	DL-Methionine	10,000 mg
copper	1,300 mg		

Analytical constituents and contents:

raw protein	23.1 %	raw fibre	6.1 %
crude ash	20.9 %	sulphur	2.7 %
raw fat	7.4 %	sodium	0.5 %

Technological additives:

kieselguhr 30,000 mg

Package:

1 kg pail; 10 kg sack

Shelf life:

24 months





Leinöl extra cold pressed

The perfect source of energy



If your horse needs an extra portion of energy and essential fatty acids, adding linseed oil is the perfect solution: Our Leinöl is rich in omega 3 fatty acids (more than 55 %) and natural vitamin E, which helps in maintaining a shiny coat and healthy muscles. Our Leinöl is produced using premium Canadian linseeds with a purity rating of more than 99.9%. Optimum quality, which can be smelled and tasted, is achieved by using a gentle pressing process at less than 35°C.

For a daily ration of 30 ml to 300 ml

Ingredients:

Pure linseed oil, cold pressed

Package:

1 l bottle
5 l bag in box with practical drain cock. The major advantage is that oil in a bag always remains **absolutely fresh over a longer period of time**, since it cannot come in contact with the atmosphere.
25 l canister

Shelf life:

12 months



Leinflocken extra cold pressed

The product that promotes digestion and supports skin and hair



Our Leinflocken are extremely rich in essential amino acids, natural vitamin E and digestion-promoting mucilage. Linseed flakes will help your horse maintain a healthy, shiny coat and optimise its digestion all year round.

For a daily ration of 30 g to 100 g

Analytical constituents and contents:

raw protein 29 %
raw fat more than 15 %
raw fibre 9.5 %

Package:

2 kg pail
5 kg pail
25 kg sack

Shelf life:

12 months





Leinkonzentrat pure – without any other additives. The restorative supplement



The linseed concentrate is an excellent restorative supplement. Essential amino acids, omega 3 fatty acids and many vital substances promote muscle development, ensure a good digestion and help emaciated animals to gain weight in a healthy manner.

For a daily ration of 50 ml to 200 ml

Ingredients:

58 % linseed, crushed; 32 % linseed oil, cold pressed

Analytical constituents and contents:

raw fat	59 %	phosphorus	0.4 %
raw protein	14 %	calcium	0.2 %
raw fibre	4.5 %		
crude ash	3 %		

Package:

5 l pail
10 l pail

Shelf life:

12 months



Leinkonzentrat with Echinacea purpurea. Restorative supplement for extreme situations



Linseed concentrate with echinacea purpurea with added support for the immune system. Just the right support. Extremely rich in vital substances, essential amino acids and omega 3 fatty acids, this concentrate provides energy and power and encourages stable health.

For a daily ration of 50 ml to 200 ml

Ingredients:

58 % linseed, crushed; 32 % linseed oil, cold pressed; 10 % echinacea purpurea

Analytical constituents and contents:

raw fat	53.5 %	phosphorus	0.4 %
raw protein	12.5 %	calcium	0.2 %
raw fibre	6 %		
crude ash	3.5 %		

Package:

5 l pail
10 l pail

Shelf life:

12 months



Leinsamen ganz

Linum usitatissimum

The valuable source of energy



Linseeds are a valuable source of energy and provide active support for skin and coat and the digestive system. They combine valuable essential amino acids, high-quality omega 3 fatty acids and digestion-promoting mucilage in a single plant. Optimum quality for your horse! Our Leinsamen ganz is 99.9% free of any foreign matter and thus corresponds with the highest food quality.

For a daily ration of 30 g to 60 g

Ingredients:

Pure linseeds

Package:

4 kg resealable ZIP bag
10 kg sack
25 kg sack

Shelf life:

36 months

Nature is a great example:

Herbs – for specific use. In the wild horses follow their instincts when it comes to herbs that their bodies need to alleviate any possible problems. Nowadays, natural medicinal herbs can hardly be found on “modern” pastures. This void, which may be contributed to animal husbandry, can be filled using selected herbal products. However, using herbs on a regular basis is not recommended except in chronic cases. It is better to give herbs to an intensive extent only for a short period when needed. When doing so, particular attention should always be given to the feeding recommendations.

Brief overview of herbs

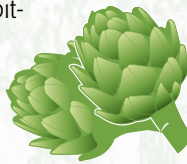


Anise (*Pimpinella anisum*, *Anisum vulgare*)
– For cramps and relieving mucous build-up
Anise contains essential oils and plant-based oils and choline. As a result, anise alleviates cramps and mucous build-up and promotes digestion.



Marshmallow (*althaea officinalis*) – For catarrh and bronchitis
Marshmallow contains mucilage, essential oils, pectin and mineral salts. It loosens mucous and has an expectorant effect.

Artichoke (*Cynara scolymus*) – For digestive and liver problems
Artichokes contain bitter substances, caffeoyl quinic acids and flavonoids and are used to treat digestion problems. They also have an antioxidant effect and help to protect the liver.



Oak bark (*quercus*) – For digestion problems
Oak bark contains tannin, acids, bitter substances and oil. As a result it is used to treat diarrhoea, has an anti-inflammatory effect and helps to regulate digestion.



Birch leaves (*Betula alba*) – For change of coat
Birch leaves contain essential oils, tannins, bitter substances, mucilages, glycosides and minerals. They are diuretic, diaphoretic and blood-purifying and promote hair growth. Especially suited for physically exhausting periods of coat change.



Fennel (*foeniculum vulgare*) – For cramps and inflammations
Fennel contains essential oils, minerals and alkaloids. Its good characteristics: It relieves cramps, activates metabolism, loosens mucous and has an anti-inflammatory effect.

Blackberry leaves (*rubus fruticosus*) – For metabolism and digestion disorders
Blackberry leaves contain tannins, mucilage, vitamin C and pectin. They have an anti-inflammatory and diuretic effect, strengthen mucous membrane and help purify the blood.



Psyllium seed husks (*plantago ovata*) – For intestinal cleansing
Psyllium seed husks optimise the bowel function in a very natural manner. Thus it is ideal for intestinal cleansing, especially in case there is a suspicion of sand accumulation.

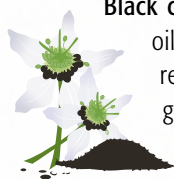


Ginkgo leaves (*ginkgo biloba*) – For activating metabolism
Ginkgo leaves contain a high percentage of flavonoids and kynurenic acids. They are used to thin blood, activate metabolism and improve the supply of oxygen to muscles. As a result, ginkgo leaves are effective for circulation problems, liver diseases and moreover promote urination.





Coltsfoot (*tussilago farfara*) – For colds and inflammations Coltsfoot contains many mucilage, tannins, acids, inulin and the trace element zinc. The plant has a soothing, expectorant and anti-inflammatory effect thanks to the zinc.



Black cumin (*nigella sativa*) – For colds Black cumin oil has proven its worth for centuries. It is used to regulate and optimise the immune system. It is good for the appearance of the skin and making sure the respiratory tract is clear, especially for horses with respiratory allergies.



Ribwort (*Plantago lanceolata*) – For infections Ribwort contains tannins, mucilage, silicic acid, glycosides, trace elements and vitamin C. Its effect is antiseptic and anti-inflammatory and relieves cramps.



Ginger (*zingiber officinale*) – For natural joint support For the appropriate weaknesses, ginger delivers noticeable results due to its valuable, natural components (i.e. gingeroles). Older horses are able to maintain a functional, painless locomotor system.



Licorice root (*glycyrrhiza glabra*) – For colds The licorice root contains glycyrrhizin, sugars and bitter substances. It has an anti-inflammatory and expectorant effect and relieves cramps.

Garlic (*allium sativum*) – Good for metabolism Garlic acts as a natural insect repellent for many horses. It contains important vitamins and minerals and activates the stressed metabolism and blood circulation.

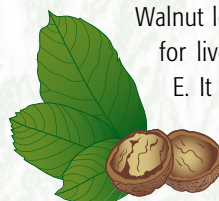


Thyme (*thymus serpyllum/thymus vulgaris*) – For colds Thyme contains essential oils, especially camphor, tannins and bitter substances and resin. Thyme is used to relieve cramps and as a disinfectant, directly killing a number of bacteria.



Milk thistle (*silybum marianum*) – For liver problems Milk thistle contains silymarin and thus has an anti-inflammatory effect. As a so-called cell stabiliser, it protects the liver against toxication and stimulates the formation of new liver cells.

Horse chestnut leaves (*aesculus hippocastanum*) – For circulation and digestion Horse chestnut leaves contain fatty acids, enzyme, glycosides, bitter substances, tannins and mucilage. The leaves stimulate blood circulation, strengthen vascular walls and have a harmonising effect on digestion.



Walnut leaves (*juglans regia*) – For eczema Walnut leaves contain inositol, which is important for liver metabolism, as well as vitamin C and E. It is used to stimulate the metabolism and for purifying blood. For instance, walnut leaves may be used for skin conditions such as eczema.

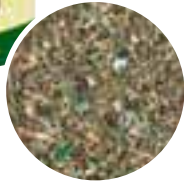


Purple coneflower (*echinacea purpurea*) – For immune system Purple coneflower contains polysaccharides, caffeic acid derivatives, alkaloids, flavonoids and essential oils. It is effective against bacteria and viruses and is especially well suited for older and weak horses.



10-Tage-Kur Nr. 1 Respiratory

Our 10-Tage-Kur Nr. 1 contains selected herbs of pharmacy quality that provide excellent support for the respiratory tract. This herbal mixture is effective and gentle at the same time!



A tried and tested product that has enjoyed success for sensitive airways in horses for more than twenty years!

For a daily ration of 50 g to 100 g

Ingredients:

22 % anise; 22 % fennel; 22 % thyme; 20 % ribwort; 10 % coltsfoot; 2 % marshmallow and 2 % liquorice root

Package:

1 kg box

Shelf life:

36 months



10-Tage-Kur Nr. 2 Metabolism

Our 10-Tage-Kur Nr. 2 contains selected herbs of pharmacy quality that provide excellent support for the metabolism. This herbal mixture is effective and gentle at the same time!



A tried and tested product that has enjoyed success for the sensitive metabolism in horses for more than twenty years!

For a daily ration of 50 g to 100 g

Ingredients:

20 % birch leaves; 20 % ginkgo; 20 % walnut leaves; 20 % blackberry leaves and 20 % horse chestnut leaves

Package:

1 kg box

Shelf life:

36 months



10-Tage-Kur Nr. 3 Digestion

Our 10-Tage-Kur Nr. 3 contains selected herbs of pharmacy quality that provide excellent support for digestion. This herbal mixture is effective and gentle at the same time!



A tried and tested product that has enjoyed success for the sensitive gastrointestinal system in horses for more than twenty years!

For a daily ration of 50 g to 100 g

Ingredients:

33.3 % oak bark; 33.3 % ribwort; 33.3 % blackberry leaves

Package:

1 kg box

Shelf life:

36 months



Kräuter-Kur Nr. 4 Water Change

More and more horses are living longer and as a result their organs also experience age-related problems. This Kräuter-Kur is both effective and gentle in supporting the animal's metabolism and water balance.



For a daily ration of 30 g to 50 g

Ingredients:

35 % bearberry leaves; 20 % birch leaves; 20 % horsetail leaves; 14 % bean pods; 5 % nettle leaves; 5 % peppermint leaves; 1 % cornflower blossoms

Package:

1 kg box

Shelf life:

36 months



Kräuter-Kur Nr. 5 Calmness

Calming herbs – a proven blend of herbs that are known for their calming effects. They have a stabilising and relaxing influence – even in stressful situations.



A tried and tested product that is successfully used with sensitive horses.

For a daily ration of 10 g to 60 g

Ingredients:

35 % lemon balm cut; 34 % valerian root cut; 20 % hop cones cut; 10 % yarrow cut; 1 % marigolds without calyx complete

Package:

1 kg box

Shelf life:

36 months

Premium Mueslis

Special Mueslis



Ägyptisches Schwarzkümmelöl Nigella sativa, cold pressed. For free airways

Our original Ägyptisches Schwarzkümmelöl is produced using a cold-press process and is characterised by an abundance of unsaturated fatty acids and other vital bioactive substances. It is best suited for supporting the respiratory system and regulating its function.

A nice side-effect is that black cumin seed oil can be used to stabilise a horse's immune system and nourish its demanding coat. Tried and tested for centuries!



For a daily ration
of 4 drops to 1 table spoon

Ingredients:

Pure Egyptian black cumin seed oil

Package:

250 ml bottle
500 ml bottle
1 l bottle
5 l canister

Shelf life:

12 months

Muesli for Large Operations

Individual Feeds



Ägyptische Schwarzkümmelflocken

Nigella sativa, cold pressed

The plus for immune systems

Black cumin, an old oriental herb that has been used as a spice for centuries, is also valued for maintaining good health. Carefully processed in Nösenberger's cold-press process, the black cumin seed oil and black cumin flakes (black cumin cakes) offer excellent results. We process exclusively pharmacy quality products.



For a daily ration of 50 g to 100 g

Ingredients:

Pure Egyptian black cumin seed oil

Package:

2.5 kg resealable ZIP bag
10 kg sack
25 kg sack

Shelf life:

12 months

Minerals & Co.

Linseed Products



Ägyptische Schwarzkümmelsaat

Nigella sativa

The plus for immune systems

Stabilise your horse's immune system in a natural manner. Black cumin has proven its worth for maintaining good health for centuries.



For a daily ration of 5 g to 50 g

Ingredients:

Pure black cumin seeds

Package:

4 kg resealable ZIP bag
10 kg sack
25 kg sack

Shelf life:

36 months

Herbs & Co.

Care Series

Treats



Bierhefe bonded to spent grain

Optimal for hooves and coat

Brewer's yeast is one of those products that is good for everything. It supports the biotin synthesis in the bowels and promotes healthy skin, beautiful, shiny coat and healthy hooves. Moreover, it stabilises a horse's sensitive intestinal flora. Brewer's yeast is a natural product with the highest concentration of vitamin B1. Due to its high concentration of valuable proteins and a wide variety of vitamins and minerals, our Bierhefe is exceptionally well-suited for supporting your horse with healthy feed.



For a daily ration of 30 g to 50 g

Ingredients:

60 % spent grain; 40 % brewer's yeast

Analytical constituents and contents:

raw protein	31 %	calcium	0.3 %
raw fibre	9.5 %	phosphorus	1 %
raw fat	7 %	sodium	1 %
crude ash	6.5 %		

(contains very many valuable B vitamins)

Package:

3 kg pail
5 kg pail
25 kg sack

Shelf life:

36 months

New to
our product
range!

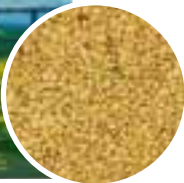


Bockshornklee

Trigonella foenum-graecum
Support for metabolic processes

Fenugreek supports the immune system and airways Promotes healthy skin and strong hooves.

Also usable in mashed form externally.



For a daily ration of 25 g to 100 g

Ingredients:

Pure fenugreek seeds

Package:

4 kg resealable ZIP bag
10 kg sack
25 kg sack

Shelf life:

36 months





Brennesselblätter

Urtica dioica

Activates the water balance

Circulation and water balance are elementary metabolic functions! You can increase the potential of these vital nutrient supply and waste disposal systems with this simple and natural product.



For a daily ration of 15 g to 25 g

Ingredients:

Pure nettle leaves

Package:

1 kg resealable ZIP bag
10 kg sack
25 kg sack

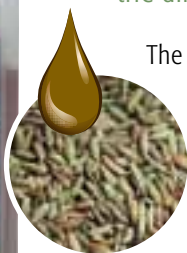
Shelf life:

36 months



Bronchial-Sirup

For stabilising the immune function of the airways



The Nösenberger Bronchial Syrup is ideal for improving the performance and supporting the well-being of your horse. An optimal combination of plant extracts like thyme, fennel, primrose, burnet and horse chestnut ensures that breathing is easy.

Thanks to its spicy aroma, the syrup tastes good to horses and also improves their appetite. Nösenberger Bronchial Syrup is very gentle and yet effective.

For a daily ration of 50 ml to 100 ml

Ingredients:

50.8 % water; 20 % sugar; 21 % dextrose; 6.7 % herbal extract (thyme, fennel, primrose, burnet, horse chestnut); fennel oil

Analytical constituents and contents:

raw fibre	1 %	crude ash	0.3 %
raw fat	0.1 %	dry matter	44.5 %
raw protein	0.08 %		

Package:

1 l bottle

Shelf life:

12 months



Premium Mueslis

Special Mueslis

Muesli for Large Operations

Individual Feeds

Minerals & Co.

Linseed Products

Herbs & Co.

Care Series

Treats



Echinacea purpurea

Purple Coneflower

The immune system activator



Echinacea purpurea is a classic that is known for its wide range of applications for people and animals. For instance, effectively strengthening a horse's immune system among other things. Echinacea purpurea improves health and helps your horse to help itself.

**For a daily ration
of 15 g to 25 g**

Ingredients:

Pure echinacea purpurea (contains: essential oils; alkylamides; flavonoids)

Package:

1 kg resealable ZIP bag
10 kg sack
25 kg sack

Shelf life:

36 months



Ginkgo biloba

Maidenhair Tree

The metabolism activator



The leaves from a ginkgo tree are nowadays used primarily due to their effect on the circulatory system and their ability to absorb free radicals. Ginkgo biloba from Nösenberger's range of herbs is used to optimise the frequently stressed metabolism in horses.

**For a daily ration
of 15 g to 25 g**

Ingredients:

Pure ginkgo biloba (contains: Flavonol glucosides; antioxidants; ginkgoloides; enzymes; bioflavonoids)

Package:

1 kg resealable ZIP bag
10 kg sack
25 kg sack

Shelf life:

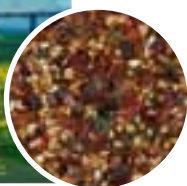
36 months

New to
our product
range!



Hagebutte Rosa canina

For supporting the immune system



To strengthen the immune system.
With an increased need for vitamin C.

**For a daily ration
of 10 g to 40 g**

Ingredients:

Rose hip, cut

Package:

2.5 kg resealable ZIP bag
10 kg sack
25 kg sack

Shelf life:

36 months



Indische Flohsamenschalen

Plantago ovata
Ideal for bowel cleansing

Psyllium seed husks influence the bowel's function in a natural and positive manner. It is extraordinarily important to make sure that a horse has a healthy gastrointestinal system. Nösenberger's Indische Flohsamenschalen are ideal for intestinal cleansing, especially in case there is a suspicion of sand accumulation.

For a daily ration of 30 g to 50 g

Ingredients:

Pure psyllium seed husks (contain: valuable mucilage and bulking agents)

Package:

1.5 kg resealable ZIP bag
10 kg sack
25 kg sack

Shelf life:

36 months

Premium Mueslis

Special Mueslis

Muesli for Large Operations



Ingwer Zingiber officinale

Natural support for joints

A product that has become indispensable in the meantime for supporting horse joints. For the appropriate weaknesses, ginger delivers noticeable results due to its valuable, natural components (i.e. gingeroles). It has proven its worth for centuries and is now more valuable than ever before for raising horses, since older horses still deserve to have a functional locomotor system. We process exclusively pharmacy quality products.

For a daily ration of 10 g to 20 g

Ingredients:

Pure ginger

Package:

2.5 kg resealable ZIP bag
10 kg sack
25 kg sack

Shelf life:

36 months

Individual Feeds

Minerals & Co.

Linseed Products



Knoblauch Allium sativum

Easy-going into grazing season

The most important active substance in garlic is allicin, an essential oil. It is rich in vitamins A, B, C and E, in enzymes, minerals and trace elements. It also supports the immune system and activates the stressed metabolic processes and circulation. An extremely practical side-effect: Garlic also serves as a natural insect repellent for many horses.

For a daily ration of 15 g to 30 g

Ingredients:

Pure garlic (contains: essential oils; enzymes; flavones; vitamins A, B1 and B2)

Package:

4 kg resealable ZIP bag
10 kg sack
25 kg sack

Shelf life:

36 months

Herbs & Co.

Care Series

Treats

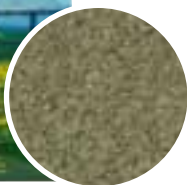


Mariendistel & Artischocke

Silybum marianum & Cynara scolymus

The combination for the liver

Our herbal combination of Mariendistel & Artischocke is designed to support the sensitive liver in its function and regeneration. This combination increases the performance potential of your horse's liver.



**For a daily ration
of 40 g to 60 g**

Ingredients:

80 % milk thistle seeds; 20 % artichoke leaves (containing: silymarin; cynarin; cynarosyde)

Package:

2 kg resealable ZIP bag
10 kg sack
25 kg sack

Shelf life:

36 months

New to
our product
range!



Mönchspfeffer

Vitex agnus-castus

Optimising the hormone balance

Optimise the hormone balance of your horse. Chaste tree provides natural support in this regard.



**For a daily ration
of 5 g to 30 g**

Ingredients:

Pure chaste tree

Package:

2 kg resealable ZIP bag
10 kg sack
25 kg sack

Shelf life:

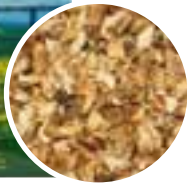
36 months





Teufelskralle

Harpagophytum procumbens
The right active ingredients for healthy joints



Increase the potential of your horse's joints and ligaments! After all, devil's claw is the proven component for reactivating stressed locomotor systems!

For a daily ration of 10 g to 25 g

Ingredients:

Pure devil's claw

Package:

750 g pail
2.5 kg resealable ZIP bag
10 kg sack
25 kg sack

Shelf life:

36 months



Weißdornblätter mit Blüten

Crataegus
The circulation activator



Improve the cardiovascular system of your horse. Active circulation – active horse! Especially in case of weather-related sluggishness, which may also be attributed to age or occur during days of inactivity.

For a daily ration of 20 g to 60 g

Ingredients:

Pure hawthorn leaves with blossoms (containing: glycoside flavones; flavonols; tannins)

Package:

1 kg resealable ZIP bag
10 kg sack
25 kg sack

Shelf life:

36 months





1-2-3 Insektenfrei

Reliable protection against flies both for horse and rider

Nösenberger 1-2-3 Insektenfrei protects adults and children of age 2 and older against tropical and local flies and gnats for up to eight hours. It is effective against horse flies and biting flies for up to five hours and up to four hours against ticks. Nösenberger 1-2-3 Insektenfrei protects horses against flies, gnats, horse flies and biting flies for up to 24 hours and up to four hours against ticks.

Package: 500 ml spray bottle | 5 l refill



Natürliches Fliegen- & Bremsenspray

Reliable protection against flies, based on natural raw materials

The reliable and natural insect repellent from Nösenberger protects horses for at least six hours during their daily routine, whether in the field or open stable or while competing. The spray contains exclusively natural active ingredients and is thus gentle on the skin and coat.

Package: 500 ml spray bottle | 5 l refill



Hautpflege-Balsam

Protective balsam for skin care

Nösenberger's Hautpflege-Balsam offers excellent protection and intensive care for irritated skin, itching and dry skin. It soothes and treats such sensitive areas as lips, corner of mouth, back of hooves, tail root and crest in a gentle manner. It can also be used on bare areas and udders of brood mares. The skin is regenerated in no time, leaving its smooth and supple.

Package: 500 ml jar



Relax & Cool

For effective relaxation of muscles and tendons

Nösenberger's Relax & Cool Gel refreshes and cools stressed legs of horses. Special aromatic oils ensure a fast and total relaxation immediately following work so that joints and tendons are able to regenerate better. Nösenberger's Relax & Cool does not contain any camphor and is absolutely doping-free and thus ideal for use in sports – not only for your horse!

Package: 500 ml jar



Hufpflege-Öl

Hoof care with aloe vera, lanolin and bay leaf oil

Nösenberger's moisturising Hufpflege-Öl regenerates damaged or brittle hooves with the aid of aloe vera, lanolin and bay leaf oil. Initial results can already be seen just after three days. The hoof horn becomes tough, and hoof growth is improved. Hoof chipping and cracking is reduced considerably thanks to the amino acids and minerals included in our hoof care product. It also prevents putrefactive agents and bacteria.

Package: 450 ml jar with brush | 5 l refill



Sauber-Zauber Lederpflege

Self-acting easy-care leather treatment

Ingeniously simple or simply ingenious! Nösenberger Sauber-Zauber Lederpflege cleans, restores and treats all smooth leathers in just two minutes in a self-acting manner without considerable effort! Nösenberger Sauber-Zauber Lederpflege can be used anywhere to give leather a clean and well-cared-for appearance quickly.

Package: 1 l spray bottle | 5 l refill



Fell-Glanz-Spray

For a silky smooth coat and brilliant lustre

Nösenberger's Fell-Glanz-Spray lends coat and hair a healthy and silky lustre. The natural colour of the horse's coat comes into its own once again, and cleaning is considerably easier thanks to the spray's dust and dirt repelling effect. The Fell-Glanz-Spray is non-toxic and gentle on the skin and coat.

Package: 500 ml spray bottle | 5 l refill



Seiden-Shampoo

The equine shampoo with silk proteins and antibacterial silver ions

Nösenberger's Seiden-Shampoo takes care of your horse's coat with the aid of valuable oils and nutrients. It moisturises and does not dry out hair even if used frequently. The hair is also easier to comb and maintains volume. With skin-soothing antioxidants, it is also well-suited for horses with sensitive skin.

Package: 1 l spray bottle | 5 l refill



Honig-Dinkies

The tasty reward with honey and linseeds

The ideal, agreeable treat for in-between.
Delicious and wholesome!



A great reward for in-between

Ingredients:

45 % spelt; 40 % maize; 4 % linseeds; 3.5 % rapeseed oil; 2.5 % honey; 2.5 % glucose; 1.5 % caramel; 1 % sodium chloride

Analytical constituents and contents:

raw protein	9 %	crude ash	2.4 %
raw fat	7.5 %	calcium	0.5 %
raw fibre	2.3 %	magnesium	0.4 %

Additives:

none

Package:

1.5 kg pail
10 kg sack

Shelf life:

12 months



Goldstücke

The tasty reward with maize

The ideal, agreeable treat for in-between.
Always appropriate!



A great reward for in-between

Ingredients:

54.4 % maize; 40 % wheat; 3.8 % rapeseed oil; 1 % sodium chloride; 0.8 % calcium carbonate

Analytical constituents and contents:

raw fat	12.5 %	crude ash	4.4 %
raw protein	10 %	calcium	0.5 %
raw fibre	1.4 %	phosphorus	0.6 %

Additives:

none

Package:

1.5 kg pail
10 kg sack

Shelf life:

12 months



Snäckies

The delicious colourful reward

The ideal, agreeable treat for in-between.
Varied to suit every taste!



A great reward for in-between

Ingredients:

57 % wheat; 28 % maize; 4.9 % glucose; 4.9 % oat; 2 % rapeseed oil; 0.9 % sodium chloride; 0.9 % calcium carbonate; 0.7 % spinach; 0.3 % carrot; 0.1 % mint; 0.1 % alfalfa; 0.1 % kale; 0.1 % pea

Analytical constituents and contents:

raw protein	8.6 %	crude ash	3 %
raw fat	5.4 %	calcium	0.4 %
raw fibre	0.55 %	phosphorus	0.3 %

Additives:

none

Package:

1.5 kg pail
10 kg sack

Shelf life:

12 months





Nösenberger Horse Feeds

The originator of spelt mueslis for horses.
Quality for more than 40 years!

Current list of authorised dealers can be found online or visit our online shop at www.noesenberger.de

Prices & Online Shop

Register and attend our presentations on horse feedstuffs. We explain important basic information, demystify modern myths and discuss your individual problems.

Presentations

Brief presentations at trade shows (Equitana, Eurocheval, etc.) or entire seminars at your premises. Should you have any questions, please contact us directly via e-mail or phone.

Trade shows & seminars

Mon. | Wed. | Thu.: 8.00 am to 12.00 pm and 12.30 pm to 4.30 pm
Tue.: 8.00 am to 12.00 pm and 12.30 pm to 7.00 pm
Fri.: 8.00 am to 12.00 pm and 12.30 pm to 2.30 pm
Sat.: closed

Opening hours

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