



**KRAFFT**

**SWEDISH HORSE NUTRITION**

 **PRODUCT CATALOGUE**



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# BECAUSE ALL HORSES ARE INDIVIDUALS

**KRAFFT is a Swedish brand owned by Lantmännen – a cooperative which is owned by 29,000 Swedish farmers. Our first product was launched more than 30 years ago. The idea was based on our conviction that every horse is unique. Individually optimised feed can make a major difference when it comes to keeping your horse healthy, well-balanced, and giving it the chance to perform at its very best.**

## **KNOWLEDGE, RESEARCH AND DEVELOPMENT**

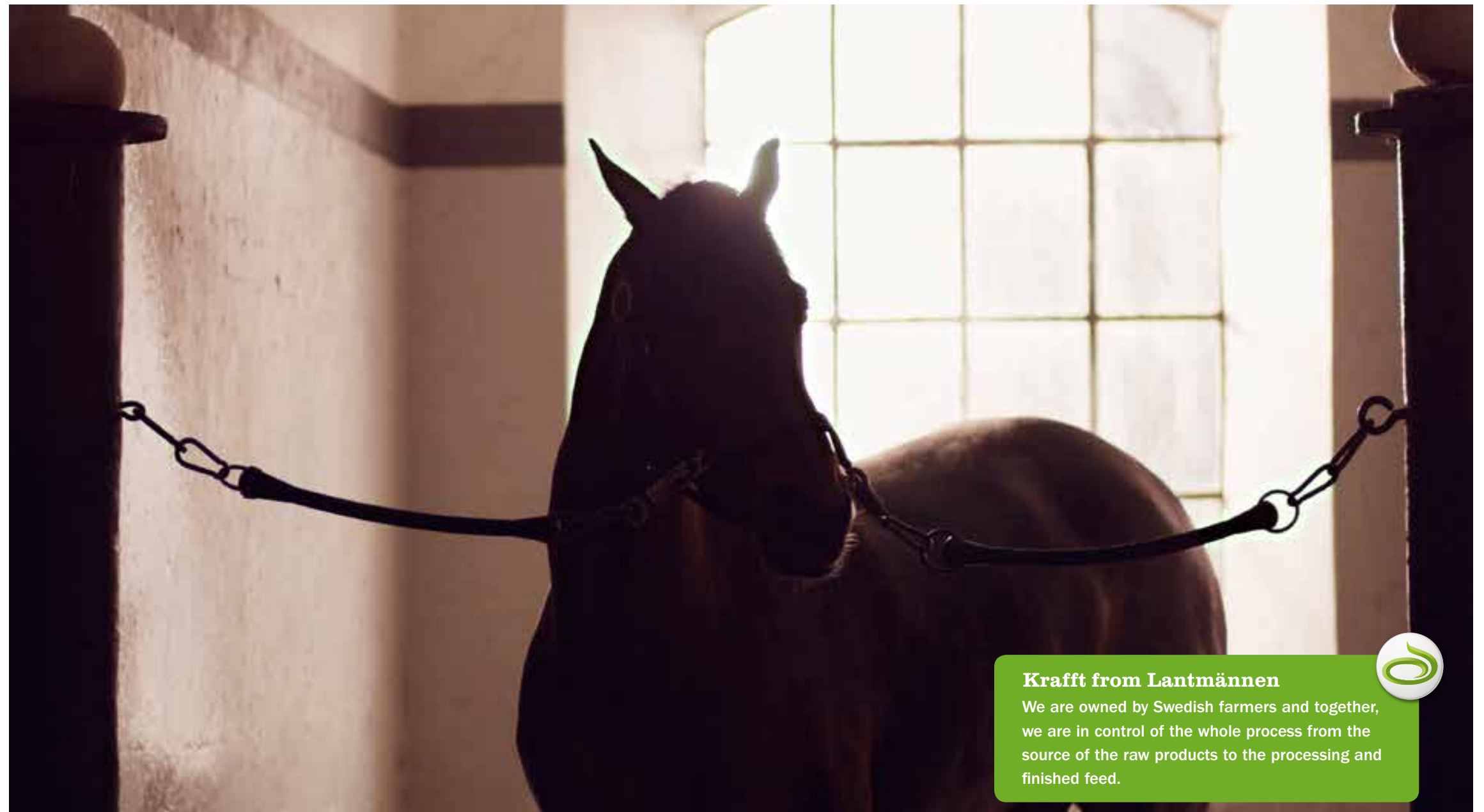
Our feed has been produced on the basis of extensive knowledge, research and development. We are proud to be Sweden's best-selling feed – to both professional and leisure riders. We are also proud to be able to say that when you choose KRAFFT, you choose the same feed as the Swedish national equestrian centers.

## **BECAUSE WE CARE**

Horses are fantastic creatures – powerful, yet sensitive. In order to be able to guarantee the best possible quality of feed, considering both your horse and the environment, we use natural ingredients from sustainable farms. It is important for us to take responsibility for the entire process – from field to feed sack.

## **OUR MAIN COMPONENTS**

All our products have been specially developed to be suitable for the horse's digestive system, and are thoroughly tested to meet the standards set by our company and our costumers.



### **Krafft from Lantmännen**

We are owned by Swedish farmers and together, we are in control of the whole process from the source of the raw products to the processing and finished feed.





## WE WILL HELP YOU COMPOSE A FEED RATION THAT IS SPECIALLY DESIGNED FOR YOUR HORSE

We know that there are many questions regarding the feed ration and there is not always someone nearby to ask, therefore we have made it easy for you. You can always call or e-mail us at KRAFFT Direct. This service is free of charge and you do not need to be a customer of ours in order to call. However, the advice we give is based on our products, since these are the products we know and the ones we work with!



Hi! We are KRAFFT Direct. You can contact us at +46 10 556 30 40 and at [direct@krafft.nu](mailto:direct@krafft.nu). We are at the office Monday-Friday, from 07.00-16.00.

## QUESTIONS AND ANSWERS

### WHEN DOES MY HORSE NEED ELECTROLYTES?

**ANSWER:** When a horse sweats, it loses essential electrolytes. Normally, it is enough to give extra salt in order to restore the balance but sometimes you may want to give your horse some extra help to recover, for example, on hot days, during periods of tough training and competing, or on other occasions when you feel your horse is sweating more than is normal. At times like that, it could be good to give electrolytes. However, remember they cannot be given preventively; they should be given after profuse sweating.

### DO I NEED TO SOAK THE PELLETS BEFORE FEEDING?

**ANSWER:** Not normally. Our pellets have been designed to be eaten as they are. They are good for your horse's mastication. However, for some horses, it may be better to soak the pellets for a while before feeding, for example, horses with dental problems or horses who tend to gulp their feed without chewing. Lucerne pellets are an exception; we recommend you soak them for a while before feeding.

### HOT-HEADED HORSE - WHAT DO I NEED TO THINK ABOUT?

**ANSWER:** When a horse has a lot of energy within itself, we recommend a feed with a lower energy content and where the source of energy is fibre. Normally, muesli should be avoided since it often has a higher starch content which gives the horse fast-release energy. There is now an icon on the front of our feed sacks which indicates what type of energy the feed has. Look for sacks with a green energy icon (read more about the icons on page 16). KRAFFT has alternative feeds that are adapted for horses that are sensitive to oats. These have the word "Sensitive" in their product name.



# INDIVIDUALLY ADAPTED FEED RATION

## – BASED ON YOUR HORSE’S PREREQUISITES AND NEEDS

**Your horse’s needs are governed by several different parameters: the size of the horse, if it is an easy keeper/ hard keeper and how much it is trained. In addition, young horses whom are still growing needs more energy and protein to facilitate growth and gaining of muscles. Mares at the end of gestation and those lactating have much greater needs when it comes to nutrition to be able to meet both their own and their foal’s needs. When calculating the nutritional needs consider all prerequisites of the horse. Predicted needs have been published in the feed recommendations for horses (2013) from the Swedish Univeristy of Agriculture (SLU).**

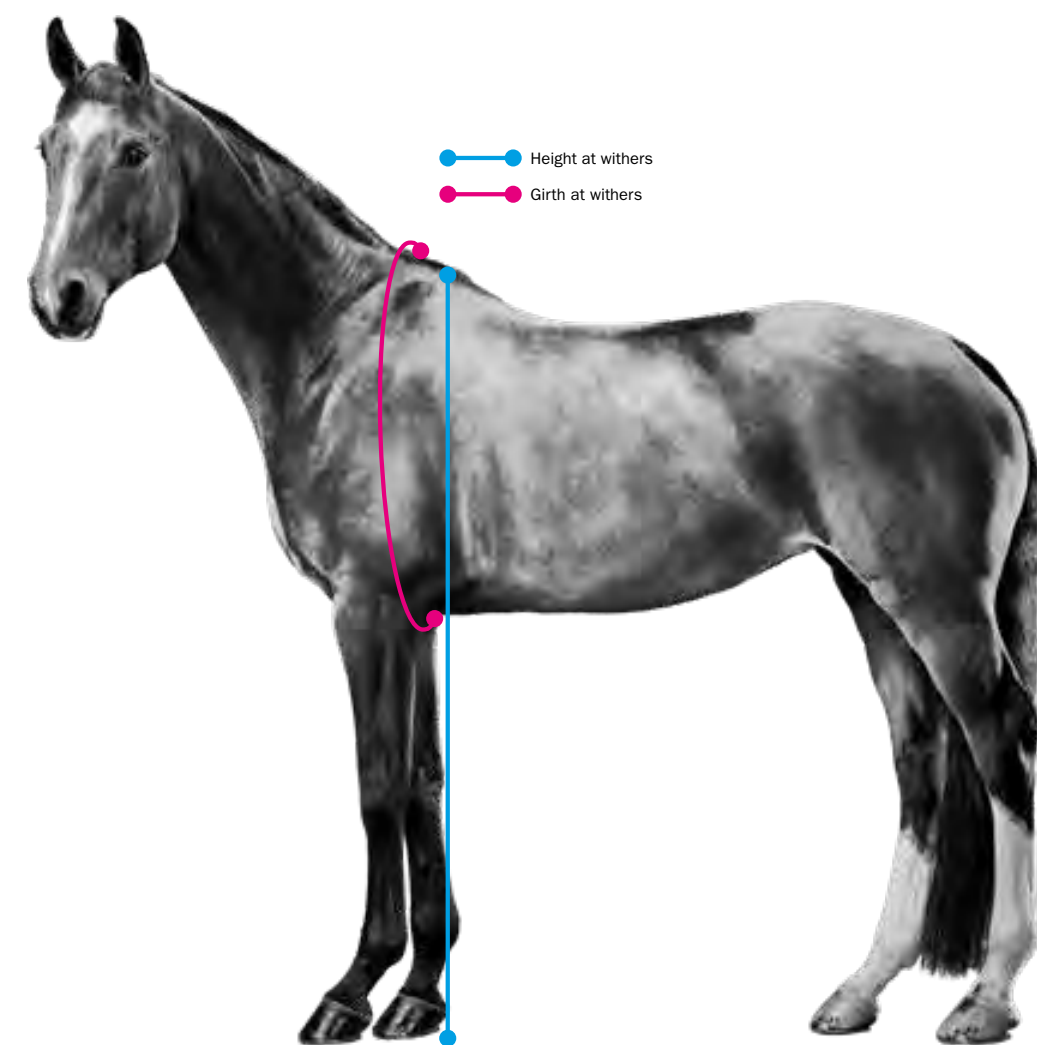
### HOW DOES THE HORSE’S DIGESTION WORK?

The horse’s digestive system is both complex and extremely sensitive. The stomach is relatively small – approximately 10 litres – while the colon, with appendix and large intestine, holds more than 100 litres. The feed passes through the stomach and small intestine relatively fast and the horse has limited possibilities of utilising starch and fat. Therefore, the horse extracts as much as 60-75% of its energy by breaking down fibre. Micro-organisms help the horse to break down the feed and release fatty acids that the horse can use as a source of energy. In order to maintain well-balanced intestinal microflora, the feed ration’s content of crude fibre is of crucial significance.

### THE WEIGHT OF THE HORSE’S FORAGE

You should reckon on giving at least 1-1.5 kg of dry matter forage (for example, hay, haylage, grass, lucerne, straw) per 100 kg horse and day in order to fulfil the

horse’s need for fibre and mastication. In order to know how much nutrition your horse is getting from the forage, the nutritional content should be analysed. Depending on the nutritional values of the forage, you may need to supplement with a concentrate to meet the horse’s remaining needs for energy, protein and/or minerals – adapted to suit the horse’s work, gestation or growth. Offer forage and fresh water before giving concentrate, preferably dividing up the feed into several portions per day.



## HOW MUCH DOES THE HORSE WEIGH?

In order to calculate a suitable feed ration, you must first find out how much the horse weighs. This is not always easy to do if you do not have access to a scale. Some people take the opportunity of weighing their horse when they are at a clinic but there are also different formulas that can be used to calculate a horse’s weight.

### One formula for working out the horse’s weight is:

Weight = (4.3 x girth at withers) + (3.0 x height at withers) – 785.

**Example:** The picture illustrates how to measure height at withers (marked in blue) and girth at withers (marked in pink; If the horse is about 160 cm high and its girth at withers is 170 cm, the calculation would be as follows:

(4.3 x 170) + (3.0 x 160) – 785 = 426 kg. The optimal weight of a horse varies from breed to breed.



# HOW DO YOU DETERMINE THE BODY CONDITION OF A HORSE?

One way of assessing whether the energy in your horse's present feed ration is in line with your horse's needs – or is giving too much or too little energy – is to determine your horse's body condition. What usually gives the clearest indication on the horse's body condition is to assess the fat cover down the back, along the top line of the neck, just behind the shoulder blades/shoulders, over the ribs, and by the tailhead (Fig. 1).

Another guideline can be how visible the hip bones are. Both underweight and overweight should be avoided to ensure a horse is sound and healthy. Therefore, you should strive for level 5 for most horses and 6-7 for a broodmare. You should distinguish between the amount of muscle on the horse and increased body tissue in the areas marked out in Figure 1 which often consists of fat.

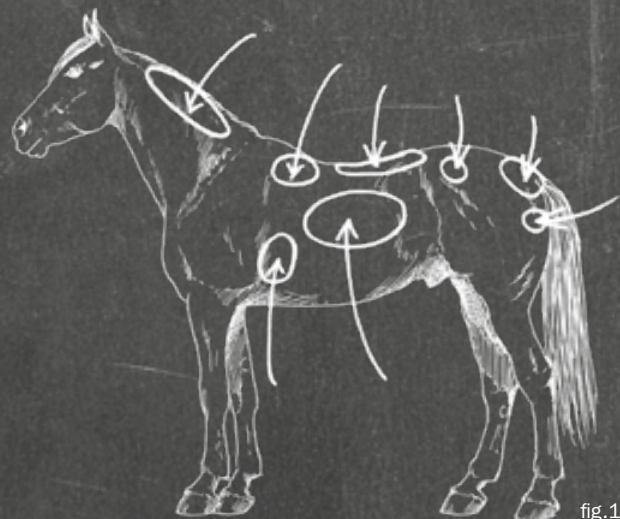
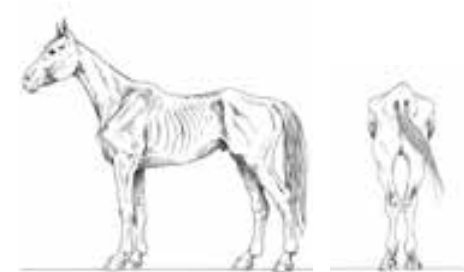
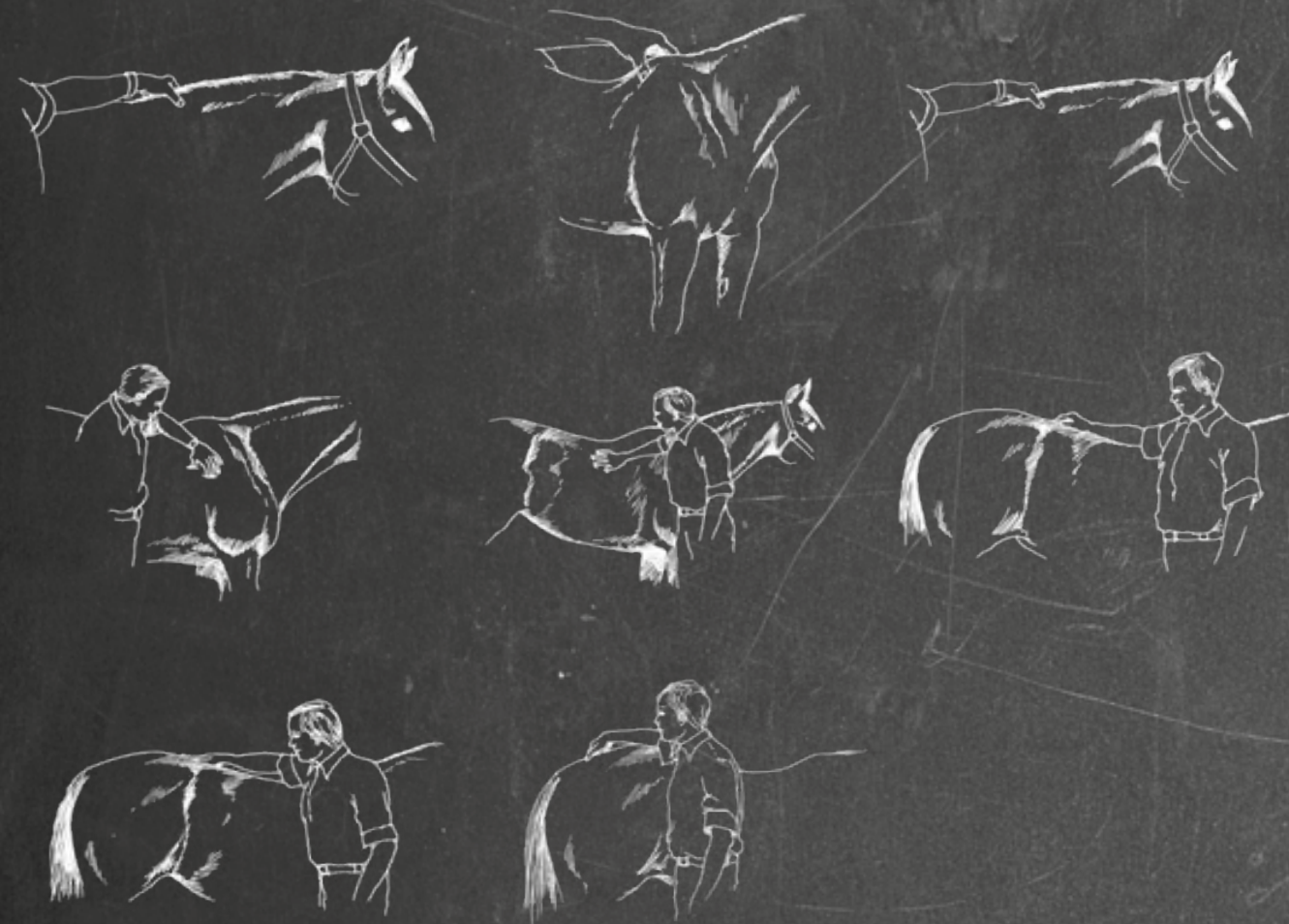
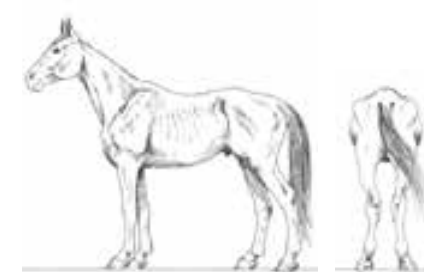


fig.1



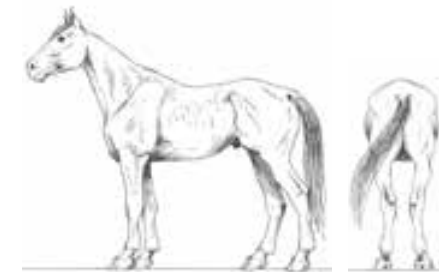
## 1. Extremely poor condition

Spine, ribs, tailhead and hip bones extremely prominent, bone structure around the withers, shoulder blades and neck is clearly visible, no fatty tissue.



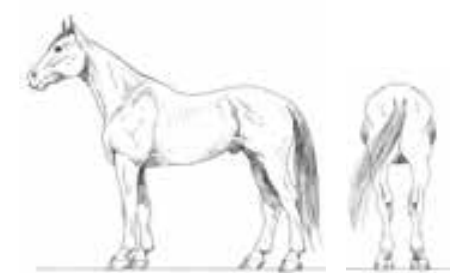
## 2. Very thin

Spine, ribs, tailhead and hip bones prominent, bone structure around the withers, shoulder blades and neck is faintly visible.



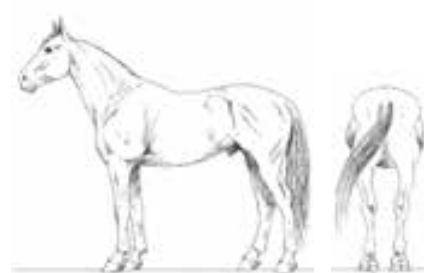
## 3. Thin

Ribs and spine visible, tailhead prominent but individual vertebrae are not visible, hip bones rounded but clearly visible, pelvic bones not visible, withers, shoulders and neck are outlined.



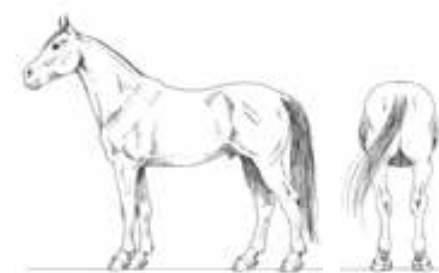
## 4. Moderately thin

Slight ridge down back, ribs faintly visible, some flesh around tailhead, pelvic bones not visible, withers, shoulders and neck are not thin.



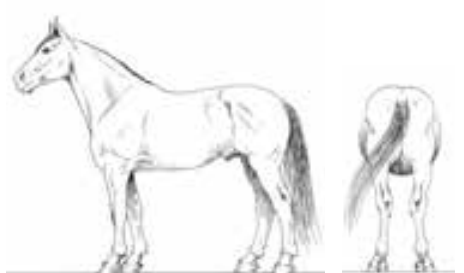
## 5. Moderate

Even surface down back, ribs not visible but easy to feel, the fat around the tailhead is beginning to feel "spongy", shoulders and neck blend smoothly with body.



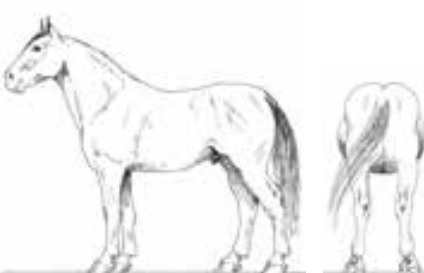
## 6. Moderately fleshy

May have a small crease down back, spongy fat over the ribs, soft fat around the tail, clear signs of fat cover along the withers, behind the shoulder blades and along the neck.



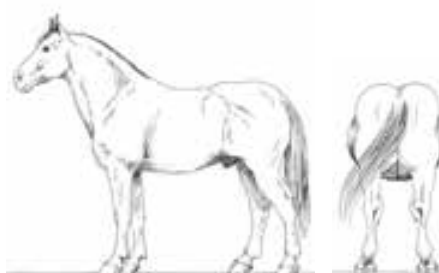
## 7. Fat

May have crease down back, individual ribs and the fat between them can be felt, soft fat around tailhead, fat cover around withers, shoulders and along neck.



## 8. Very fat

Crease down back, difficult to feel the ribs, very soft fat around tailhead, thick fat cover around withers, shoulders, "thickened" neck, fat cover on inside of legs.



## 9. Extremely fat

Obvious crease down back, varying fat cover over the ribs, bulging fat cover around tailhead, withers, shoulders and along neck. The inside of the rear legs may "rub together".

Illustrations: Staffan Philipsson.

Source: SLUs utfodringsrekommendationer för häst, 2013. Modifierat efter Henneke med flera Equine Vet J (1983) 15 s371-372, samt NCR (1989).





Photo: Photochannell

# THE IMPORTANT ASPECTS OF EVERYDAY ROUTINES

## Change feed gradually:

If the feed is changed fast, the microflora of the intestine can be put out of off balance since it takes time for it to get used to a new feed. Therefore you must always introduce a new feed by gradually replacing the old feed. A change of forage (hay/haylage) should be done over a two-week period. Diarrhoea and colic are common symptoms of disturbed intestinal microflora.

## Avoid constipation through body movement:

Constipation can be caused by several different things: Lack of water, the horse has been eating sand, or eaten insufficient amount of fibre. In addition to avoiding the previously mentioned risks, it is good to stimulate the horse's intestinal movement with body movement, for instance when it walks around and grazes. A horse that stands still in a box and/or in a small paddock without any grass for most of the day may acquire slower stomach/intestinal transit than normal.

## Be precise with feed portions:

Base your choice of concentrate and portion size on the analysed nutritional values of the forage you are using. Offer forage before giving concentrate, preferably dividing up the feed into several portions per day. Your horse should always have access to fresh water.

# THE HORSE'S FEED RATION



The horse's feed ration can be seen as a pyramid, most of which should consist of forage, like grass, hay, haylage or lucerne. As a guideline, forage should cover the horse's basic needs (maintenance needs) when it is not being ridden, trained, growing, with foal, or lactating.

Depending on the nutritional values of the forage, you may then need to supplement with a concentrate to meet the horse's remaining needs of energy, protein and/or minerals. Adapt the feed to suit the unique needs and prerequisites of your horse. In addition to the previously

mentioned, you may need to give extra minerals in order to achieve the correct balance in the total feed ration. This is especially important if you only give your horse forage or if you use pure cereals as concentrate. Horses that regularly sweats generally needs extra dissolved salt in addition to a salt stone, in order to meet their salt requirements.

In addition to the feed ration described above, in some special cases, you can give extra vitamins or other supplements.

# HOW IS THE FEED COMPOSED?

The horse's main sources of energy and protein are fibre, protein, fat and starch. These four basic components occur to a varying degree and in different proportions depending on the type of feed.



## Fibre/Crude fibre:

The horse's most important source of energy. Fibre provide long-lasting energy and a well-balanced stomach and intestines. We recommend you choose a concentrate that has a high proportion of fibre/crude fibre.

With help of the microflora in the colon, the horse is especially good at utilising fibre as an important, gentle, and long-lasting source of energy. The microflora in the colon needs an even supply of fibre to stay well-balanced and to give optimal uptake of energy. Fibre is also needed to maintain a sufficiently high level of water in the colonic system.



## Starch:

An energy-rich feed component for work of a more explosive nature. Should be given in small amounts per feed time and in combination with fat and fibre for the best result.

The uptake of starch is located in the horse's small intestine. Because the feed passes through the horse's stomach and small intestine so fast, the horse's ability to take up and utilise starch in the feed is limited. This energy-rich feed component should therefore only be given in small portions per feed time. For horses with insulin resistance, it is particularly important to limit the intake of starch.



## Protein:

Is the basis of the gaining and repairing and repair of muscle tissue. Horses need protein in a readily accessible form with a good composition in order to achieve optimal gaining of muscles.

It is important that your horse's need for protein is fulfilled. The need is normally 6 g of digestible crude protein per unit of energy (MJ), but this increases dramatically for growing horses and broodmares/lactating mares. Proteins are constructed of amino acids whose availability also controls the building up of muscles (read more on page 17). Potato protein is an easily digestible source of protein that is optimal with regard to its composition of amino acids, which means your horse can utilise large quantities of the protein it eats.



## Fat:

The most energy-rich component in a feed and the most efficient way of giving energy without increasing the amount of protein. Important for horses who need more energy and/or need to gain more weight.

Fat is a good alternative source of energy for horses that work hard or need to put on weight/muscle mass, since it is processed in a different part of the digestive system than carbohydrates/starch do. The horse can only digest small amounts of fat per feed time which is why you should limit the fat allowance. The recommendation is generally maximum 1 dl of pure oil per feed time. It is better to divide the fat into smaller portions and serve at several feed times per day.





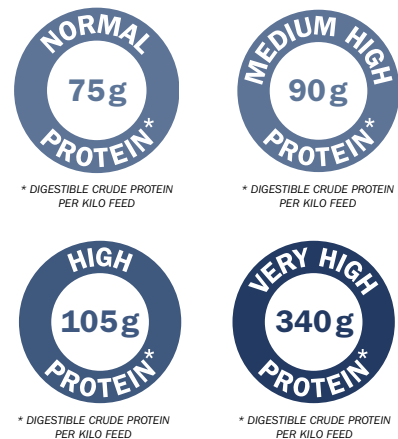
# ICONS

In order to make it easier for our customers to find the most suitable concentrate for their horse's specific needs, we have given our products new icons which makes it easier to compare and match feeds: One for energy and one for protein.



## PROTEIN

The amount of digestible crude protein per kilo feed is divided into four levels. The two where the two lower levels (normal and medium high) should cover the needs of the adult horse if the amount of protein in the forage is of normal to high level. The two higher levels represent feed that is suitable for the adult horse if the forage has a somewhat lower protein content, and for horses with an increased need for protein (for example, growing horses, broodmares, or lactating mares). The protein level for each feed is stated inside each icon.



### KRAFFT supplementary feed with high protein content (in descending order)

Muscle Up  
Plus Protein  
Groov Extra Protein  
Foal  
High Protein Muesli

## ENERGY

The energy icon is based on the main source of energy in the feed. The feeds that have an icon for "slow release" contain a larger proportion of energy from fibre (which promotes a good stomach-intestine balance and gives longer lasting energy). This icon can be found on our GROOV range, and other products as well. For horses that need extra energy, there are feeds with a "fast release" icon. These feeds contain a mix of both faster, more explosive energy and fibre which gives longer lasting energy. Feed with "fast release" is best suited for high performance horses in comparison to horses in a lower work intensity.



\* SLOW RELEASING AND LONG-LASTING ENERGY  
FOR A WELL-BALANCED DIGESTIVE TRACT

### Slow release feed:

Performance Low Starch  
Groov Original  
Groov Protein  
Foal  
Performance



\* MIX OF FAST RELEASING ENERGY  
CONTENT AND LONG-LASTING ENERGY

### Fast release feed:

High Protein Muesli  
Sensitive Muesli  
High Energy Muesli  
Performance Energy  
Sport Original

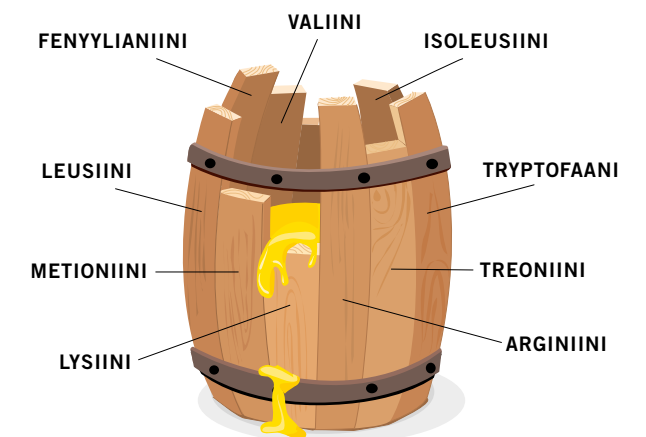
# AMINO ACIDS – THE BUILDING BLOCKS OF PROTEIN

Amino acids are the building blocks that are needed to create protein and build muscles. Each amino acid represents a unique piece of the puzzle and it cannot be excluded if the end product is to be achieved. There are a number of amino acids that the horse cannot create itself; they must be provided to the horse through the feed. These are called essential (or vital) amino acids. Two of these are lysine and methionine. For horses,

lysine is generally the amino acid that lacks in relation to how much is needed. If you ensure that the need for lysine is being fulfilled by the feed protein you are using, there will usually be enough of the other amino acids too. Potatoe protein has got a high content of lysine and methionine, and is an easily digestible source of protein for the horse. Therefore it is the main type of protein used in KRAFFT's products.

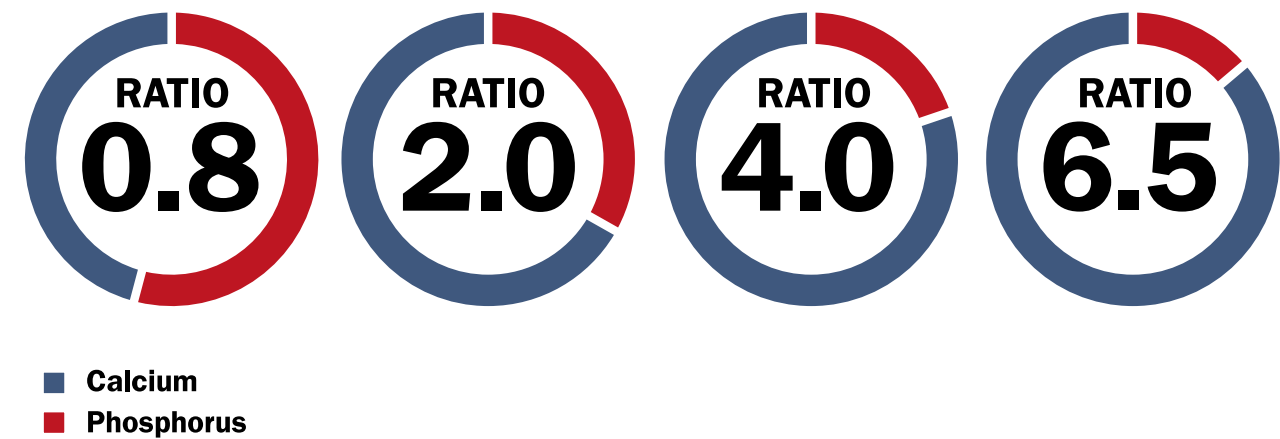
## THE BARREL

Imagine the creation of protein is like a barrel, where each plank represents an amino acid: all the planks are needed in order to keep the contents of the barrel in place. The amount of protein that can be created can be likened to how much water a barrel would be able to hold without it overflowing. Lysine governs how much protein can be created since it is the shortest plank.



Mathilde Hannell and Marina Mattsson with Double Diamond II.  
Photo: Photochannell





# MINERALS

The balance between minerals and trace elements is important for a horse's health and well-being. It is especially important to ensure that there is a sufficient amount of calcium and phosphorus and a good quota between these, since both are important for building bones, among other things. The quota between calcium and phosphorus should be between 1.2-1.8 in the total feed ration. Magnesium is another important mineral that must be controlled in the feed ration. By looking at your horse it is not possible to see whether its needs for minerals it is not possible to see by looking at your horse whether its needs for minerals and trace elements are being fulfilled. You must do an analysis of the forage so you know what you need to add, either through separate mineral feeds or as part of a concentrate. The values in forage can vary from harvest to harvest, regarding both to the level regard to the level of each mineral, and the balance (quota) between them. The choice of mineral feed should be based on the content of the feed ration as a whole. KRAFFT has four different mineral feeds, where the quota between calcium and phosphorus increases successively. Miner Balance P has the lowest quota and Miner Extra the highest. Choose the one that is best suited to balance the individual total feed ration for the horse in question. Predicted mineral needs for different situations and types of horse have been published in SLU's feed recommendations for horses, 2013.

**Minerals in complete feeds:**  
Most of our supplementary feeds are complete feeds with all the vitamins and minerals that the horse needs. If you decide to give a small portion of concentrate, you must take special care that the horse's mineral requirements are fulfilled. Some of our supplementary feeds have a higher mineral content to make it easier to meet the horse's needs when it is given a smaller portion of the feed (see below). Another alternative is to give a separate mineral feed as a supplement to fulfil the horse's needs, since then it will also be easier for you to adjust the quota between the different minerals.

**Supplementary feeds with a higher mineral content (the feeds with the highest mineral content are at the top of the list)**  
Plus Protein  
Plus Energy  
Performance Low Starch  
Sensitive Mash  
Foal  
Groov Sensitive  
Senior Sensitive

# WATER

Horses need water of the same high quality and purity as humans do. Taste and smell may affect how much your horse drinks. Make sure there is always fresh water available both in the stable and out in the field. Generally speaking, horses drink better from a pail or large water trough with a calm surface than from a water bowl. It's important the horse drinks enough to avoid oesophageal impaction, colic, poor appetite, dehydration, and other serious, medical conditions.

When horses are together in a herd, it is especially important that they have access to large water troughs or several pails of water where all the horses can drink at the same time. Otherwise, the horse's strong instincts may keep the low-ranking horses from drinking rather than risking being left behind by the herd when the high-ranking horses have finished drinking.

An adult horse (500 kg) at rest drinks about 25 litres of water a day. When working hard, the same horse should drink two or three times that amount.

The horse's water requirements per day\*

The horse's weight	Main-tenance	Hard work	Lactating mare
300 kg	15 litres	30-45 litres	24-30 litres
400 kg	20 litres	40-60 litres	32-40 litres
500 kg	25 litres	50-75 litres	40-50 litres

\*There may be great variation between individual horses.

# SALT

All horses should have unlimited access to a salt stone. The normal requirement is about 10-30 grams of salt per day, but the need vary from horse to horse.

Horses that sweat regularly need more salt since they lose large amounts of salt through perspiration. If your horse sweats a lot, a salt stone will not be enough to cover its needs which would then be around 50-60 grams/day. On warm summer days, the salt requirement would be twice as much. On such occasions you should also include dissolved, iodine-free salt in the feed ration.



Thomas Carlile riding Sirocco du Gers. Photo: www.eventingphoto.com



# OUR RANGE

## PERFORMANCE



Performance      Performance MaxBalance      Performance Energy      Performance Low Starch

## BUILD Slow-Release Energy



Groov Original      Groov Protein      Groov Extra Protein      Groov Sensitive

## BOOST Fast-Release Energy



Sport Original      Sensitive Muesli      High Protein Muesli      High Energy Muesli

## CONCENTRATES



Plus Energy      Plus Protein

## SPECIAL PRODUCTS



Foal      Senior      Muscle Up      Sensitive Mash      Milk

## BASIC FEED AND LUCERNE



Leisure Pellets      Leisure Muesli      Lucerne Chopped      Lucerne Pellets      Lucerne Pure Pellets

## MINERALS



Miner Original Pellets      Miner Original Granulate      Miner Summer Pellets      Miner Extra Pellets      Miner Balance P Pellets

## SUPPLEMENTS



## TREATS+



Live Yeast Apple      Electrolytes Carrot      Biotin Mint



# PERFORMANCE



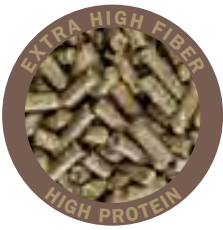




# LIVE YEAST OR DEACTIVATED YEAST?

Active live yeast works in two different ways in the colon: it creates a favourable climate for beneficial micro-organisms and it promotes the breaking-down of fibres. This process helps to create a more stable pH in the colon and increases the digestibility of the feed.

Deactivated yeast is not active in itself in the colon but it provides good nutrition for the beneficial micro-organisms, thereby promoting their survival and proliferation. Performance Low Starch and Treats+ Live Yeast contain active, live yeast. Sensitive Mash, Senior Sensitive, Gastro Support and Stress Relief contain deactivated yeast.



5 mm Pellets



\* SLOW RELEASING AND LONG-LASTING ENERGY FOR A WELL-BALANCED DIGESTIVE TRACT



\* DIGESTIBLE CRUDE PROTEIN PER KILO FEED



\* HELPS MAINTAIN A BALANCED DIGESTIVE SYSTEM

## PERFORMANCE LOW STARCH

Performance Low Starch is a supplementary feed with an extra low starch (4%) and sugar (4%) content, with added active live yeast to balance the horse's digestive system, where the energy comes primarily from an extra high proportion of fibre and fat. The feed has a high protein content and extra added minerals to facilitate an overall balanced feed status when only a small allowance is given.

**Feed instructions:** A guideline for an adult horse is approx. 0.2-0.4 kg of concentrate/100 kg horse and at least 1.5 kg dry matter forage/100 kg horse. A small allowance of concentrate may need to be supplemented with extra mineral feed.

**Composition:** Alfalfa, Green meal, Wheat bran, Beet pulp, Oat bran, Potato protein, Rapeseed oil and vegetable fat, Sodium chloride LEVUCELL® SC.

### Analytical constituents:

EN	
Metabolisable energy (ME)	10 MJ/kg (*0,8 FE)
Digestible energy (DE)	11,6 MJ/kg
Crude protein	15%
Digestible crude protein	115 g/kg
Fibre/Crude fibre	23%
Crude oil and crude fat	6%





# SPC FOR FLUID BALANCE AND SENSITIVE STOMACHS

**KRAFFT Performance, KRAFFT Performance Energy and KRAFFT Performance MaxBalance contain SPC (Specially Processed Cereals) which are specially treated oats, made using a natural process with water and heat, and with no additives.**

## Patented natural process:

The starch in the oats is broken down partly during the process and a number of natural substances are formed. These substances among other things stimulates the horse's own production of the protein AF (antisecretory factor). AF can help the horse too keep its fluids, for example in the case of diarrhoea, and to faster recover from fluid loss. SPC is based on a patent held by Lantmännen and has been developed

through collaboration with researchers and leading professionals within equestrian sport.

## Many horses have problems with fluid depletion and a sensitive stomach:

The horse is an animal with a sensitive stomach that sometimes gets diarrhoea without any obvious reason. Many horses also drink too little and they lose plenty of fluid when being transported, at competitions, change of environment and other stressful situations. Feed that contains SPC could be a good solution to improve your horse's well-being. KRAFFT's SPC products can be given as the sole concentrate together with forage or they can be combined with other feeds.



8 mm Pellets



\* SLOW RELEASING AND LONG-LASTING ENERGY FOR A WELL-BALANCED DIGESTIVE TRACT



\* DIGESTIBLE CRUDE PROTEIN PER KILO FEED

# PERFORMANCE

A supplementary feed that ensures the intake of quality protein and fibre for all horses. As a result of a patented natural process (SPC), the feed has properties that provide quicker normalisation of the fluid balance and accelerate recovery after training.

**Feed instructions:** A guideline for an adult horse is approx. 0.8 kg of concentrate/100 kg horse and 1-1.5 kg dry matter hay/haylage/100 kg horse. A small concentrate allowance may need to be supplemented with extra mineral feed.

**Composition:** Oats (specially processed), Wheat bran, Oat bran, Lucerne, Pressed sugar beet pulp, Wheat, Beet molasses, Oats (high fat oats), Green meal, Potato protein, Sodium chloride, Vegetable rapeseed oil.

## Analytical constituents:

EN	
Metabolisable energy (ME)	10 MJ/kg (*0.8 FE)
Digestible energy (DE)	11.6 MJ/kg
Crude protein	12.5%
Digestible crude protein	100 g/kg
Fibre/Crude fibre	16%
Crude oil and crude fat	5%

# PERFORMANCE MAXBALANCE

A supplementary feed for high-performance horses or horses with a sensitive stomach, with high SPC effect per kg of feed. As a result of a patented natural process (SPC), the feed has properties that provide quicker normalisation of the fluid balance and accelerate recovery after training.

**Feed instructions:** A guideline for an adult horse is approx. 0.2 kg of concentrate/100 kg horse and 1-1.5 kg dry matter hay/haylage/100 kg horse. A small concentrate allowance may need to be supplemented with extra mineral feed.

**Composition:** Oats (specially processed), Pressed sugar beet pulp, Oat bran, Wheat bran, Beet molasses, Wheat, Green meal, Sodium chloride.

## Analytical constituents:

EN	
Metabolisable energy (ME)	10.5 MJ/kg (*0.85 FE)
Digestible energy (DE)	12.2 MJ/kg
Crude protein	10%
Digestible crude protein	75 g/kg
Fibre/Crude fibre	13%
Crude oil and crude fat	4%



8 mm Pellets



\* MIX OF FAST RELEASING ENERGY CONTENT AND LONG-LASTING ENERGY



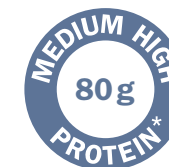
\* DIGESTIBLE CRUDE PROTEIN PER KILO FEED



8 mm Pellets



\* MIX OF FAST RELEASING ENERGY CONTENT AND LONG-LASTING ENERGY



\* DIGESTIBLE CRUDE PROTEIN PER KILO FEED

# PERFORMANCE ENERGY

A high-energy supplementary feed for high-performance horses, which is rich in fibre and fat and contains quality protein. Contains a medium level of protein. As a result of a patented natural process (SPC), the feed has properties that provide quicker normalisation of the fluid balance and accelerate recovery after training.

**Feed instructions:** A guideline for an adult horse is approx. 0.8 kg of concentrate/100 kg horse and 1-1.5 kg dry matter hay/haylage/100 kg horse. A small concentrate allowance may need to be supplemented with extra mineral feed.

**Composition:** Oats (specially processed), Pressed sugar beet pulp, Wheat, Beet molasses, Wheat bran, Green meal, Oats (high fat oats), Lucerne, Potato protein, Vegetable rapeseed oil, Oat bran, Sodium chloride.

## Analytical constituents:

EN	
Metabolisable energy (ME)	12 MJ/kg (*0.9 FE)
Digestible energy (DE)	14 MJ/kg
Crude protein	11%
Digestible crude protein	80 g/kg
Fibre/Crude fibre	11%
Crude oil and crude fat	6%



# BUILD SLOW-RELEASE ENERGY







8 mm Pellets



\* SLOW RELEASING AND LONG-LASTING ENERGY FOR A WELL-BALANCED DIGESTIVE TRACT



\* DIGESTIBLE CRUDE PROTEIN PER KILO FEED

# GROOV ORIGINAL

A supplementary feed that ensures the intake of quality protein and fibre for all horses. The feed contains a medium-high level of protein that is easily digestible and has a high proportion of essential amino acids.

**Feed instructions:** A guideline for an adult horse is approx. 0.2-0.6 kg of concentrate/100 kg horse and 1-1.5 kg dry matter forage/100 kg horse. A small concentrate allowance may need to be supplemented with extra mineral feed.

**Composition:** Oat bran, Wheat bran, Oats (high fat oats), Lucerne, Pressed sugar beet pulp, Wheat, Green meal, Beet molasses, Oats, Barley, Potato protein, Sodium chloride, Vegetable rapeseed oil and fat.

**Analytical constituents:**

EN	
Metabolisable energy (ME)	9.0 MJ/kg (*0.7 FE)
Digestible energy (DE)	10.5 MJ/kg
Crude protein	11%
Digestible crude protein	90 g/kg
Fibre/Crude fibre	18%
Crude oil and crude fat	4%



8 mm Pellets



\* SLOW RELEASING AND LONG-LASTING ENERGY FOR A WELL-BALANCED DIGESTIVE TRACT



\* DIGESTIBLE CRUDE PROTEIN PER KILO FEED

# GROOV SENSITIVE

A supplementary feed adapted for the horse that is sensitive to oats. The feed ensures the intake of quality protein, fibre and fat. Contains a medium-high level of easily digestible protein with a high proportion of essential amino acids.

**Feed instructions:** A guideline for an adult horse is approx. 0.2-0.6 kg of concentrate/100 kg horse and 1-1.5 kg dry matter forage/100 kg horse. A small concentrate allowance may need to be supplemented with extra mineral feed.

**Composition:** Oat bran, Barley, Wheat bran, Wheat, Pressed sugar beet pulp, Beet molasses, Lucerne, Green meal, Potato protein, Vegetable rapeseed oil and fat, Sodium chloride.

**Analytical constituents:**

EN	
Metabolisable energy (ME)	10 MJ/kg (*0.8 FE)
Digestible energy (DE)	11.6 MJ/kg
Crude protein	13%
Digestible crude protein	105 g/kg
Fibre/Crude fibre	15%
Crude oil and crude fat	5%



8 mm Pellets



\* SLOW RELEASING AND LONG-LASTING ENERGY FOR A WELL-BALANCED DIGESTIVE TRACT



\* DIGESTIBLE CRUDE PROTEIN PER KILO FEED

# GROOV PROTEIN

A supplementary feed that ensures the intake of quality protein and fibre for all horses. The feed contains a high level of protein that is easily digestible and has a high proportion of essential amino acids.

**Feed instructions:** A guideline for an adult horse is approx. 0.2-0.6 kg of concentrate/100 kg horse and 1-1.5 kg dry matter forage/100 kg horse. A small concentrate allowance may need to be supplemented with extra mineral feed.

**Composition:** Wheat bran, Oat bran, Oats (high fat oats), Pressed sugar beet pulp, Lucerne, Wheat, Beet molasses, Green meal, Oats, Potato protein, Sodium chloride, Vegetable rapeseed oil and fat.

**Analytical constituents:**

EN	
Metabolisable energy (ME)	10 MJ/kg (*0.8 FE)
Digestible energy (DE)	11.6 MJ/kg
Crude protein	13.5%
Digestible crude protein	115 g/kg
Fibre/Crude fibre	16%
Crude oil and crude fat	5%



8 mm Pellets



\* SLOW RELEASING AND LONG-LASTING ENERGY FOR A WELL-BALANCED DIGESTIVE TRACT



\* DIGESTIBLE CRUDE PROTEIN PER KILO FEED

# GROOV EXTRA PROTEIN

A supplementary feed that ensures the intake of quality protein and fibre for all horses. The feed contains an extra high level of protein that is easily digestible and has a high proportion of essential amino acids. Suitable as a supplement to forage with very little protein or for horses that require a lot of protein.

**Feed instructions:** A guideline for an adult horse is approx. 0.2-0.6 kg of concentrate/100 kg horse and at least 1.5 kg dry matter forage/100 kg horse. A small allowance of concentrate may need to be supplemented with extra mineral feed.

**Composition:** Oats, Wheat bran, Alfalfa, Green meal, Oat bran, Potato protein, Wheat, Molasses, Beet pulp, Sodium chloride, Rapeseed oil and vegetable fat.

**Analytical constituents:**

EN	
Metabolisable energy (ME)	10 MJ/kg (*0.8 FE)
Digestible energy (DE)	11.6 MJ/kg
Crude protein	17%
Digestible crude protein	140 g/kg
Fibre/Crude fibre	16%
Crude oil and crude fat	4%





# BOOST FAST-RELEASE ENERGY







Muesli



\* MIX OF FAST RELEASING ENERGY CONTENT AND LONG-LASTING ENERGY



\* DIGESTIBLE CRUDE PROTEIN PER KILO FEED

# HIGH PROTEIN MUESLI

Steamed supplementary feed for high-performance horses. A muesli feed with a high fat content and high protein content.

**Feed instructions:** A guideline for an adult horse is approx. 0.2-0.6 kg of concentrate/100 kg horse and 1-1.5 kg dry matter forage/100 kg horse. A small concentrate allowance may need to be supplemented with extra mineral feed.

**Composition:** Oat flakes (steamed), Oats, Barley flakes (steamed), Corn flakes (steamed), Soya bean flakes (steamed), Soya husks, Sugar cane molasses, Micronised pea, Sunflower, Pressed sugar beet pulp, Soya beans, Grass, Sodium chloride, Vegetable soya oil and fat.

**Analytical constituents:**

EN	
Metabolisable energy (ME)	11.0 MJ/kg (*0.85 FE)
Digestible energy (DE)	12.8 MJ/kg
Crude protein	17%
Digestible crude protein	135 g/kg
Fibre/Crude fibre	10%
Crude oil and crude fat	5%



Muesli



\* MIX OF FAST RELEASING ENERGY CONTENT AND LONG-LASTING ENERGY



\* DIGESTIBLE CRUDE PROTEIN PER KILO FEED

# SENSITIVE MUESLI

An oatmeal-free and steamed supplementary feed for adult horses in light or normal work. Contains a medium level of protein.

**Feed instructions:** A guideline for an adult horse is approx. 0.2-0.6 kg of concentrate/100 kg horse and 1-1.5 kg dry matter forage/100 kg horse. A small concentrate allowance may need to be supplemented with extra mineral feed.

**Composition:** Barley flakes (steamed), Soya husks, Wheat flakes (steamed), Corn flakes (steamed), Grass, Wheat middlings, Sugar cane molasses, Pressed sugar beet pulp, Sunflower, Sodium chloride, Vegetable soya oil and fat.

**Analytical constituents:**

EN	
Metabolisable energy (ME)	10 MJ/kg (*0.8 FE)
Digestible energy (DE)	12 MJ/kg
Crude protein	10%
Digestible crude protein	80 g/kg
Fibre/Crude fibre	12%
Crude oil and crude fat	3%



Muesli



\* MIX OF FAST RELEASING ENERGY CONTENT AND LONG-LASTING ENERGY



\* DIGESTIBLE CRUDE PROTEIN PER KILO FEED

# HIGH ENERGY MUESLI

A steamed supplementary feed for high-performance horses, with a high fat content and a medium protein content. Suitable for horses that need additional energy that is rapidly absorbed and converted.

**Feed instructions:** A guideline for an adult horse is approx. 0.2-0.6 kg of concentrate/100 kg horse and 1-1.5 kg dry matter forage/100 kg horse. A small concentrate allowance may need to be supplemented with extra mineral feed.

**Composition:** Oat flakes (steamed), Oats, Barley flakes (steamed), Corn flakes (steamed), Soya husks, Soya beans, Sugar cane molasses, Vegetable soya oil and fat, Sunflower, Pressed beet molasses, Soya bean flakes (steamed), Micronised pea, Grass, Sodium chloride.

**Analytical constituents:**

EN	
Metabolisable energy (ME)	12.0 MJ/kg (*0.9 FE)
Digestible energy (DE)	14 MJ/kg
Crude protein	14%
Digestible crude protein	105 g/kg
Fibre/Crude fibre	11%
Crude oil and crude fat	9%



8 mm Pellets



\* MIX OF FAST RELEASING ENERGY CONTENT AND LONG-LASTING ENERGY



\* DIGESTIBLE CRUDE PROTEIN PER KILO FEED

# SPORT ORIGINAL

A high-energy supplementary feed for high-performance horses, which is rich in fibre and fat and contains quality protein. Contains a medium level of protein.

**Feed instructions:** A guideline for an adult horse is approx. 0.2-0.6 kg of concentrate/100 kg horse and 1-1.5 kg dry matter forage/100 kg horse. A small concentrate allowance may need to be supplemented with extra mineral feed.

**Composition:** Pressed sugar beet pulp, Oats (high fat oats), Wheat, Oat, Sugar beet pulp, Wheat bran, Green meal, Lucerne, Oat bran, Potato protein, Vegetable rapeseed oil and fat, Sodium chloride.

**Analytical constituents:**

EN	
Metabolisable energy (ME)	12 MJ/kg (*0.9 FE)
Digestible energy (DE)	14 MJ/kg
Crude protein	11%
Digestible crude protein	80 g/kg
Fibre/Crude fibre	11%
Crude oil and crude fat	6%



# CONCENTRATES



Horse: Adriana







8 mm Pellets



\* SLOW RELEASING AND LONG-LASTING ENERGY  
FOR A WELL-BALANCED DIGESTIVE TRACT



\* DIGESTIBLE CRUDE PROTEIN  
PER KILO FEED

## PLUS ENERGY

A concentrated supplementary feed that adds gentle energy. Rich in fibre and fat in combination with quality protein and vitamins and minerals in balanced proportions. Can be used as the only concentrate for the average horse where requirements are met by a relatively small portion or for horses with higher energy requirements when combined with cereals.

**Feed instructions:** A guideline for an adult horse is approx. 0.1 kg PLUS Energy/100 kg horse (light work) to 0.2 kg PLUS Energy/100 kg horse (medium-tough training) and 1-1.5 kg dry matter forage/100 kg horse.

**Composition:** Pressed sugar beet pulp, Wheat bran, Oats, Wheat, Green meal, Beet molasses, Lucerne, Sodium chloride, Vegetable rapeseed oil and fat, Potato protein.

### Analytical constituents:

EN	
Metabolisable energy (ME)	11 MJ/kg (*0.85 FE)
Digestible energy (DE)	12.8 MJ/kg
Crude protein	11.5%
Digestible crude protein	90 g/kg
Fibre/Crude fibre	13%
Crude oil and crude fat	5%



8 mm Pellets



\* SLOW RELEASING AND LONG-LASTING ENERGY  
FOR A WELL-BALANCED DIGESTIVE TRACT



\* DIGESTIBLE CRUDE PROTEIN  
PER KILO FEED

## PLUS PROTEIN

A concentrated supplementary feed that adds protein in a combination with fat, fibre and vitamins and minerals in balanced proportions. Can be used as the only concentrate where requirements are met by a relatively small portion, or for horses with higher energy needs in combination with cereals.

**Feed instructions:** A guideline for an adult horse is approx. 0.1 kg PLUS Protein/100 kg horse (light work) to 0.2 kg PLUS Protein/100 kg horse (medium-tough training) and 1-1.5 kg dry matter forage/100 kg horse.

**Composition:** Extracted and roasted soya, Wheat bran, Green meal, Oat bran, Wheat, Pressed sugar beet pulp, Lucerne, Beet molasses, Sodium chloride, Vegetable rapeseed oil and fat, Potato protein.

### Analytical constituents:

EN	
Metabolisable energy (ME)	10.5 MJ/kg (*0.8 FE)
Digestible energy (DE)	12.2 MJ/kg
Crude protein	25%
Digestible crude protein	210 g/kg
Fibre/Crude fibre	11%
Crude oil and crude fat	4.5%

## CONCENTRATE

KRAFFT's concentrated supplementary feed is a complete feed with a higher concentration of minerals. Suitable for horses fed a small portion of concentrate or in combination with cereals as a concentrate.



# SPECIAL PRODUCTS







5 mm Pellets



\* SLOW RELEASING AND LONG-LASTING ENERGY FOR A WELL-BALANCED DIGESTIVE TRACT



\* DIGESTIBLE CRUDE PROTEIN PER KILO FEED

# SENIOR SENSITIVE

Supplementary feed especially adapted for older horses, or horses of all ages that have difficulty putting on weight. A high-energy feed with extra high-quality protein added and extra vitamins and minerals in balanced proportions for older horses, as well as yeast for improved digestion.

**Feed instructions:** A guideline for an adult horse is approx. 0.2-0.6 kg of concentrate/100 kg horse and 1-1.5 kg dry matter forage/100 kg horse. A small concentrate allowance may need to be supplemented with extra mineral feed.

**Composition:** Wheat bran, Wheat, Barley, Oat bran, Pressed sugar beet pulp, Green meal, Lucerne, Beet molasses, Vegetable rapeseed oil and fat, Potato protein, Sodium chloride, Brewing yeast.

**Analytical constituents:**

EN	
Metabolisable energy (ME)	11 MJ/kg (*0.95 FE)
Digestible energy (DE)	12.8 MJ/kg
Crude protein	14%
Digestible crude protein	110 g/kg
Fibre/Crude fibre	13%
Crude oil and crude fat	7%

# MUSCLE UP



8 mm Pellets



\* SLOW RELEASING AND LONG-LASTING ENERGY FOR A WELL-BALANCED DIGESTIVE TRACT



\* DIGESTIBLE CRUDE PROTEIN PER KILO FEED

An extra protein-rich supplementary feed with a low percentage of starch. Gives a concentrated addition of quality protein (particularly potato protein). Extra high content of the amino acids lysine and methionine. Suitable in the event of an acute shortage of, increased need for or risk of deficiency of protein.

**Feed instructions:**

Need for extra protein (crude protein)	Portion MUSCLE UP
100 gram	0.25 kg
200 gram	0.5 kg
300 gram	0.8 kg

**Composition:** Potato protein, Wheat bran, Green meal, Pressed sugar beet pulp, Lucerne, Wheat, Beet molasses, Oats, Oat bran, Vegetable rapeseed oil and fat.

**Analytical constituents:**

EN	
Metabolisable energy (ME)	12 MJ/kg (*0.9 FE)
Digestible energy (DE)	14 MJ/kg
Crude protein	40%
Digestible crude protein	340 g/kg
Fibre/Crude fibre	10%
Crude oil and crude fat	4%



Mash



\* MIX OF FAST RELEASING ENERGY CONTENT AND LONG-LASTING ENERGY



\* DIGESTIBLE CRUDE PROTEIN PER KILO FEED

# SENSITIVE MASH

Oat-free special feed with ingredients like, for example, apple, carrot, yeast and linseed. To be mixed with warm or cold water and left to stand for about 15 minutes before being given to the horse. Can be used to increase a horse's intake of fluid, stabilise the horse's fluid balance, for faster recovery after exertion, or in other situations where the horse has a higher water intake (diarrhoea, horse that is sensitive to colic, etcetera). Contains a medium level of protein.

**Feed instructions:** A suitable portion should be based on the nutritional value of the forage (portion 1-1.5 kg dry matter hay/haylage per 100 kg horse) and the horse's work. Mix 0.5 kg MASH with at least 1 litre of water 15 minutes before feeding. A small concentrate allowance may need to be supplemented with extra mineral feed.

**Composition:** Wheat bran, Barley (flakes), Linseed, Apple pulp, Corn (flakes), Barley, Wheat (popped), Beet molasses, Yeast, Carrot, Linseed oil, Sodium chloride.

**Analytical constituents:**

EN	
Metabolisable energy (ME)	11 MJ/kg (*0.92 FE)
Digestible energy (DE)	12.4 MJ/kg
Crude protein	13%
Digestible crude protein	100 g/kg
Fibre/Crude fibre	8%
Crude oil and crude fat	7%



Henrik Von Eckermann riding Yajamila.  
Photo: Roland Thunholm



# FOAL



5 mm Pellets



\* SLOW RELEASING AND LONG-LASTING ENERGY FOR A WELL-BALANCED DIGESTIVE TRACT



\* DIGESTIBLE CRUDE PROTEIN PER KILO FEED

A supplementary feed developed specially for foals and young horses, containing a particularly large amount of quality protein, vitamins and minerals. The feed is easily digestible and has a high proportion of essential amino acids. Suitable for both suckling foals and non suckling foals.

**Feed instructions:** A guideline for horses with an expected adult weight of 500 kg is 1-2 kg concentrate for the first 3-6 months, and 1-3 kg concentrate from 6 months to 2 years. A small concentrate allowance may need to be supplemented with extra mineral feed.

**Composition:** Oats, Wheat bran, Lucerne, Oat bran, Wheat, Pressed sugar beet pulp, Green meal, Potato protein, Beet molasses, Sodium chloride, Vegetable rapeseed oil and fat.

**Analytical constituents:**

EN	
Metabolisable energy (ME)	10 MJ/kg (*0.8 FE)
Digestible energy (DE)	11.6 MJ/kg
Crude protein	16%
Digestible crude protein	135 g/kg
Fibre/Crude fibre	15%
Crude oil and crude fat	4.5%

# MILK

A mare milk substitute produced specially for horses. Its properties are similar to the composition of the mare's own milk. Its composition is very similar to that of natural mare milk and it is suitable for both a motherless foal and a foal whose mother is not producing sufficient milk. However, it does not contain the important antibodies that natural raw milk has and which protect the foal from infectious agents. Ask your vet for advice if you have a motherless foal.

KRAFFT Milk is easy to store in the stable and has often served as a safety net for breeders and saved the lives of many foals.

**Feed instructions:** It is extremely important that the foal is given raw milk 1-2 hours after birth (maximum 12 hours) and preferably 1-2 litres. This is so that the foal will be able to build up an immune system. Sometimes additional blood plasma is needed. Consult your vet. Mix KRAFFT Milk with 50-degree water and let the foal drink it when it is 38-40 degrees. The temperature should be checked with a thermometer. If the foal drinks too fast, it may get the milk in its lungs. Keep the foal's head low down when serving Milk. When the foal is a few weeks old, you can start to serve KRAFFT Foal. Put a handful in the bottom of the bucket with KRAFFT Milk at the end of the meal. Gradually reduce the amount of KRAFFT Milk once the foal has started to eat sufficient forage and concentrate.

**Composition:** Skimmed milk powder, Whey powder, Vegetable oil and fat, Dextrose.



Powder

**Analytical constituents:**

EN	
Metabolisable energy (ME)	16.7 MJ/kg
Crude protein	22.5%
Fibre/Crude fibre	0.1%
Crude oil and crude fat	14.5%







# LEISURE







8 mm Pellets

# LEISURE PELLETS

A supplementary feed for adult horses in light or normal work. Contains a normal level of protein.

**Feed instructions:** A guideline for an adult horse involved in light work is approx. 0.2-0.6 kg of concentrate/100 kg horse and 1-1.5 kg dry matter forage/100 kg horse. A small concentrate allowance may need to be supplemented with extra mineral feed.

**Composition:** Pressed sugar beet pulp, Oats, Wheat bran, Wheat, Oat bran, Green meal, Beet molasses, Barley, Sodium chloride, Vegetable rapeseed oil and fat, Lucerne, Potato protein.

**Analytical constituents:**

EN	
Metabolisable energy (ME)	10 MJ/kg (*0.8 FE)
Digestible energy (DE)	11.6 MJ/kg
Crude protein	10%
Digestible crude protein	75 g/kg
Fibre/Crude fibre	13%
Crude oil and crude fat	3.5%



Muesli

# LEISURE MUESLI

A supplementary feed for adult horses in light or normal work. Contains a normal level of protein.

**Feed instructions:** A guideline for an adult horse involved in light work is approx. 0.2-0.6 kg of concentrate/100 kg horse and 1-1.5 kg dry matter forage/100 kg horse. A small concentrate allowance may need to be supplemented with extra mineral feed.

**Composition:** Wheat bran, Oat bran, Oats, Barley, Corn (flakes), Pressed sugar beet pulp, Green meal, Sugar cane molasses, Apple pulp, Barley (flakes), Lucerne, Vegetable rapeseed oil and fat.

**Analytical constituents:**

EN	
Metabolisable energy (ME)	10 MJ/kg (*0.85 FE)
Digestible energy (DE)	11,2 MJ/kg
Crude protein	11%
Digestible crude protein	75 g/kg
Fibre/Crude fibre	14%
Crude oil and crude fat	5%





# LUCERNE







# LUCERNE PELLETS

KRAFFT LUCERNE Pellets are hot-air dried lucerne in pellet form. Used in combination with hay, haylage and grazing. Rich in fibre and high-quality protein and has a balanced composition of other important nutrients. High fibre content promotes a healthy colon functionality and has a stabilising effect when this feed is used as a supplement to other forage.

**Feed instructions:** A guideline is approx. 0.5–4 kg per horse per day. Ensure that the horse receives sufficient other forage (a total of 1-1.5 kg dry matter forage per 100 kg horse). KRAFFT Lucerne Pellets should be moistened to minimise the risk of oesophageal impaction.

**Composition:** KRAFFT Lucerne Pellets contain lucerne and molasses.

**Analytical constituents:**

EN	
Metabolisable energy (ME)	8.5 MJ/kg (*0.64 FE)
Crude protein	15%
Digestible crude protein	105 g/kg
Fibre/Crude fibre	27%
Crude oil and crude fat	3%



# LUCERNE PURE PELLETS

KRAFFT Lucerne Pure Pellets are hot-air dried lucerne in pellet form without added molasses. Used in combination with hay, haylage and grazing. Rich in fibre and high-quality protein and has a balanced composition of other important nutrients. High fibre content promotes a healthy colon functionality and has a stabilising effect when this feed is used as a supplement to other forage.

**Feed instructions:** A guideline is approx. 0.5–4 kg per horse per day. Ensure that the horse receives sufficient other forage (a total of 1-1.5 kg dry matter forage per 100 kg horse). Lucerne Pure Pellets should be moistened to minimise the risk of oesophageal impaction.

**Composition:** KRAFFT Lucerne Pure pellets only contain lucerne.

**Analytical constituents:**

EN	
Metabolisable energy (ME)	8.5 MJ/kg (*0.64 FE)
Crude protein	15%
Digestible crude protein	105 g/kg
Fibre/Crude fibre	27%
Crude oil and crude fat	3%



# LUCERNE CHOPPED

KRAFFT Lucerne Chopped is a hot-air dried forage based on chopped lucerne. Used in combination with hay, haylage and grazing – and can also be given as the only forage together with fodder straw. Rich in fibre and high-quality protein and has a balanced composition of other important nutrients. High fibre content promotes a healthy colon functionality.

**Feed instructions:** A guideline is approx. 0.5–4 kg per horse per day. Ensure that the horse receives a total of 1-1.5 kg dry matter forage per 100 kg horse.

**Composition:** KRAFFT Lucerne Chopped contains lucerne and molasses.

**Analytical constituents:**

EN	
Metabolisable energy (ME)	8.5 MJ/kg (*0.64 FE)
Crude protein	15%
Digestible crude protein	105 g/kg
Fibre/Crude fibre	27%
Crude oil and crude fat	3%



# MINERALS





# MINER ORIGINAL PELLETS

A well-balanced mineral supplement for horses in normal work, if the mineral content of the forage and concentrate portion is insufficient. A suitable allowance should be based on the mineral values of the forage and concentrate and the horse's work, growth and whether it is with foal/lactating.

**Feed instructions:** A guideline for an adult horse at rest or in light work is approx. 90-120 g/day, and in normal work approx. 120-180 g/day. For broodmares, the guideline is approx. 150 g/day and for lactating mares approx. 200 g/day. 1 dl weighs approx. 80 g. Give 1-1,5 kg of dry matter forage/100 kg horse and day as a basic amount of feed. Always serve forage before concentrate.

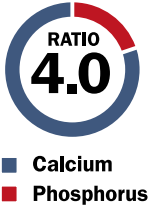
Available as 5 mm pellets, and as granules in 25 kg sacks.  
Available as 20 kg sack and 8 kg bucket.

**Analytical constituents Pellets:**

EN	
Calcium	12 %
Phosphorus	3 %
Calcium/phosphorus quota	4.0
Magnesium	6 %
Sodium	5 %
Crude ash	4 %

**Analytical constituents Granules:**

EN	
Calcium	16 %
Phosphorus	4 %
Calcium/phosphorus quota	4.0
Magnesium	6 %
Sodium	10 %
Crude ash	4 %



■ Calcium  
■ Phosphorus

# MINER EXTRA PELLETS

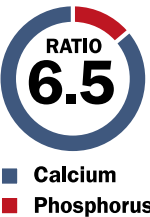
A well-balanced mineral supplement for high-performance horses, if the mineral content of the forage and concentrate portion is insufficient. A suitable allowance should be based on the mineral values of the forage and concentrate and the horse's work, growth and whether it is with foal/lactating.

**Feed instructions:** A guideline for a pony is approx. 90-120 g/day, for horses in normal work approx. 120 g/day, and for horses in heavy work approx. 120-180 g/day. 1 dl weighs approx. 80 g. Give 1-1,5 kg of dry matter forage/100 kg horse and day as a basic amount of feed. Always serve forage before concentrate.

Available as 20 kg sack and 8 kg bucket.

**Analytical constituents:**

EN	
Calcium	11 %
Phosphorus	1.7 %
Calcium/phosphorus quota	6.5
Magnesium	6 %
Sodium	5 %
Crude ash	4 %



■ Calcium  
■ Phosphorus

# MINER SUMMER PELLETS

A well-balanced mineral supplement for grazing horses, or for horses that mainly eat forage, if the mineral content of the forage and concentrate portion is insufficient. A suitable allowance should be based on the mineral values of the forage and concentrate and the horse's work, growth and whether it is with foal/lactating.

**Feed instructions:** A guideline for an adult horse at rest or in light work is approx. 60-120 g/day, and in normal work approx. 120-180 g/day. For broodmares, the guideline is approx. 180 g/day and for lactating mares approx. 240 g/day. 1 dl weighs approx. 80 g. Give 1-1,5 kg of dry matter forage/100 kg horse and day as a basic amount of feed. Always serve forage before concentrate.

Available as 20 kg sack and 8 kg bucket.

**Analytical constituents:**

EN	
Calcium	8 %
Phosphorus	4 %
Calcium/phosphorus quota	2.0
Magnesium	6 %
Sodium	5 %
Crude ash	4 %



■ Calcium  
■ Phosphorus

# MINER BALANCE P PELLETS

A pelleted mineral supplement which restores mineral balance when the forage allowance is rich in calcium. A suitable allowance should be based on the mineral values of the forage and concentrate and the horse's work, growth and whether it is with foal/lactating.

**Feed instructions:** A guideline for a horse at rest is approx. 60-120 g/day, for horses in light work approx. 120 g/day, and for horses in heavy work approx. 120-180 g/day. 1 dl weighs approx. 80 g. Give 1-1,5 kg of dry matter forage/100 kg horse and day as a basic amount of feed. Always serve forage before concentrate.

Available as 20 kg sack and 8 kg bucket.

**Analytical constituents:**

EN	
Calcium	5.5 %
Phosphorus	6.5 %
Calcium/phosphorus quota	0.8
Magnesium	6 %
Sodium	5 %
Crude ash	4 %



■ Calcium  
■ Phosphorus



# SUPPLEMENTS





# SUPPLEMENT GUIDE

## WHAT DOES YOUR HORSE NEED AND WHICH KRAFFT SUPPLEMENTS WILL HELP SOLVE THE PROBLEM?



SKIN &amp; COAT



STOMACH &amp; INTESTINES



STRESS &amp; NERVES



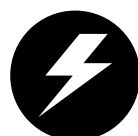
HOOVES



MUSCLES



RECOVERY



ENERGY



JOINTS



MINERAL SUPPLEMENT



VITAMINS

### STRESS RELIEF



A well-composed supplement with tryptophan, magnesium, B vitamins and amino acids that can balance the horse's temperament in stressful situations. It is easier to reach success if the psyche is strong.



**ACTIVE INGREDIENTS:** Magnesium 130 000 mg/kg, tryptophan 57 000 mg/kg, feed yeast and vitamins.

**DOSAGE:** Horses 30-50 g/day, Ponies 15-25 g/day

**PACKAGE:** 700 g

### JOINT SUPPORT



A unique supplement with four components that are important for maintaining joint mobility. Can be given to all horses, but is especially suitable for horses in tough physical training and for elderly horses. Provides MSM, glucosamine, chondroitin sulphate and hyaluronic acid.



**ACTIVE INGREDIENTS:** MSM 500 000 mg/kg, glucose amin 34 000 mg/kg, Chondroitin sulphate 27 000 mg/kg, Hyaluronic acid 1 733 mg/kg and vitamins.

**DOSAGE:** Horses 30 g/day, Ponies 15 g/day

**PACKAGE:** 700 g

### GASTRO SUPPORT



Our best-seller that ensures sound colon functionality. A unique composition of B vitamins, yeast organisms and substances that counteract acidification. Used both preventively and when problems arise, in stressful situations like change of environment, transportation, change of feed, and being let out to pasture.



**ACTIVE INGREDIENTS:** Yeast culture (deactivated) 40%, Bentonite clay 38%, vitamin B 2 204 mg/kg and vitamins.

**DOSAGE:** Foals and yearlings 10-20 g/day, adult horses 40 g/dag

**PACKAGE:** 500 g and 3 kg

### HOOF SUPPORT



Well-balanced composition of important substances to help improve the quality of the hoof, increase hoof growth and counteract cracks in the hoof. Provides biotin, methionine and zinc.



**ACTIVE INGREDIENTS:** Methionine 250 000 mg/kg, zinc 27 000 mg/kg and biotin 1 000 mg/kg.

**DOSAGE:** 20 g/day

**PACKAGE:** 700 g

### COPPER IRON



Supplement of copper and iron in an organically bound form which supports the uptake. Copper and iron are important trace elements needed for the building up of, connective tissue, bone tissue and red blood cells. Deficiency can lead to, for example, reduced performance capacity.



**ACTIVE INGREDIENTS:** Chelated copper 8 mg/g and Iron proteinate 3,3 mg/g.

**DOSAGE:** 15 g/day for 1-2 months.

**PACKAGE:** 700 g

### BIOTIN



Pelleted supplement that is used when extra biotin is needed. A biotin deficiency can lead to hoof problems. KRAFFT Biotin creates the necessary prerequisites to prevent this and to re-establish any deficiencies.



**ACTIVE INGREDIENTS:** Biotin 417 mg/kg.

**DOSAGE:** 60 g/day

**PACKAGE:** 3 kg

### ELECTROLYTES PRO



Compensates for the loss of electrolytes in connection to conditions and situations where the horse might be exposed to the risk of losing these important electrolytes. Shortens the time needed for recovery between repeated exertion, and makes the horse more willing to drink water.



**ACTIVE INGREDIENTS:** Chloride 29%, potassium 15%, sodium 10%, calcium 5 %, magnesium 2,5% and vitamins.

**DOSAGE:** 40 g/day

**PACKAGE:** 1200 g

### MAGNESIUM



Magnesium deficiency can affect muscle function and the horse's mental balance. This supplement prevents and rectifies magnesium deficiency. Used when forage has a low magnesium content, in connection to tough exercise, and when a deficiency has been confirmed (via a blood test).



**ACTIVE INGREDIENTS:** Magnesium oxide 100%.

**DOSAGE:** 5 g/day

**PACKAGE:** 130 g



**RAPSEED OIL**



Soya oil provides concentrated energy in a gentle form, for example, for horses with muscular problems or hot-headed horses that have difficulty retaining weight. The oil is rich in nutritious fatty acids that contribute to a shiny coat and increased well-being.



**RECOMMENDED DAILY DOSAGE:**

1-3 dl/day, maximum 1 dl per feeding time.

**PACKAGE:** 1,8 liter, 10 liter and 25 liter

EN	
Metabolisable energy (ME)	40 MJ/liter

**VITAMIN MULTI**



All-round supplement in concentrated form; beneficial for the horse's general status and performance capacity. Suitable for broodmares or in preparation for mating. Is also used in stressful situations such as transportation and change of feed. Provides vitamins A, B, C, D3, E and K3.



**RECOMMENDED DAILY DOSAGE:**

Liquid 20-30 ml/day, pellets 60 g/day.

**PACKAGE:** 1 liter, 3 kg and 10 kg

**VITAMIN E**



Vitamin E is important for the muscle function of, for example, horses in heavy work and foals. Broodmares might also need a supplement to facilitate the tissue growth of the foetus. Highly concentrated, pure vitamin E, without added selenium.



**RECOMMENDED DAILY DOSAGE:**

**HARD WORKING HORSES:**

Liquid 10-15 ml/day, pellets 60 g/day.

**HORSES WITH NORMAL EXERTION AND FOALS:**

Liquid 5-10ml/day, pellets 30 g/day.

**PACKAGE:** 1 liter, 3 kg and 10 kg

**LINSEED OIL**



Linseed oil provides concentrated energy in a gentle form, for example, for horses with muscular problems, or horses that have difficulty retaining weight. Rich in nutritious fatty acids that contribute to a shiny coat and increased well-being.



**RECOMMENDED DAILY DOSAGE:**

1-3 dl/day, maximum 1 dl per feeding time.

**PACKAGE:** 1 liter

EN	
Metabolisable energy (ME)	33 MJ/liter

**VITAMIN B**



Beneficial for coat growth, functionality of the horse's colon and muscles. Used in case of lost appetite, loss of coat/coat growth, and in stressful situations such as transportation and change of feed. Provides Vitamin B1, B2, B6, B12 and biotin.



**RECOMMENDED DAILY DOSAGE:**

Liquid 20 ml/day, pellets 60 g/day.

**PACKAGE:** 1 liter, 5 liter, 3 kg och 10 kg

**SALT**



Granulated salt of food quality. Can be mixed into any feed, preferably KRAFFT Sensitive Mash, or be dissolved in lukewarm water to make a saline solution.

**PACKAGE:** 10 kg bag

**SALT LICK**



Salt lick of pure cooking salt. Of food quality.

**PACKAGE:** 2 kg



Jan Brink and Okeanos 1097. Photo: K Pålsson

Mont Ormel, winner of Juddmonte Grand Prix de Paris 2016. Photo: Quentin Bertrand



Björn Goop and Timoko, Elitloppet 2017.





# TREATS+







CARROT FLAVOUR



CONTAINS ELECTROLYTES TO IMPROVE FLUID BALANCE AND RECOVERY

# TREATS+ ELECTROLYTES

Functional treat that replaces lost electrolytes and promotes recovery and fluid balance. Suitable after strenuous exertion and in warm weather when the horse perspires profusely. Contains only 5% sugar and 5% starch. Made of natural ingredients and flavourings with no additives. Unlimited access to fresh water is essential to establish a healthy horse.

**Feed instructions:** Approx. 8 treats (50 g) cover daily requirements. No risk of overdosage.

**Composition:** Lucerne, Wheat bran, Carrot, Apple, Beetroot, Vegetable rapeseed oil, Potassium chloride, Sodium chloride, Magnesium oxide, Calcium chloride, Magnesiumchloride.

**Analytical constituents:**

EN	
Drymatter	93%
Crude fat	1,8%
Crude protein	8,2%
Energy (ME, DE/Fe)	7 MJ ME, 8 MJ DE (0,6 Fe)
Crude fibre	16,6%
Crude ash	19,5%
Starch	5%
Sugar	5%
Calcium	4%
Magnesium	2%
Sodium	8%
Potassium	12%
Chloride	23%



MINT FLAVOUR



CONTAINS BIOTIN FOR A HEALTHY HOOF QUALITY

# TREATS+ BIOTIN

Functional treat with biotin which promotes good hoof quality. A biotin deficiency can lead to hoof problems. Contains only 5% sugar and 5% starch. Made of natural ingredients and flavourings with no additives.

**Feed instructions:** Approx. 8 treats (50 g) cover daily requirements. No risk of overdosage.

**Composition:** Lucerne, Wheat bran, Apple, Mint, Carrot, Beetroot.

**Analytical constituents:**

EN	
Drymatter	92%
Crude fat	2%
Crude protein	9%
Energy (ME, DE/Fe)	8 MJ ME, 9 MJ DE (0,7 Fe)
Crude fibre	19,2%
Crude ash	10,8%
Starch	5%
Sugar	5%



APPLE FLAVOUR



CONTAINS LIVE YEAST FOR A BALANCED DIGESTION



CONTAINS LEVUCELL® SC.

# TREATS+ LIVE YEAST

Functional treat that balances the gastrointestinal system. Contains LEVUCELL® SC which is an active live yeast with documented results. Contains only 5% sugar and 5% starch. Made of natural ingredients and flavourings with no additives.

**Feed instructions:** Approx. 8 treats (50 g) cover daily requirements. No risk of overdosage.

**Composition:** Lucerne, Apple, Wheat bran, Carrot, Beetroot, LEVUCELL® SC.

**Additives (nutritional additives):** Saccharomyces cerevisiae 4a1711, 3010 CFU pr. 50 g treats (6011 CFU/kg)

**Analytical constituents:**

EN	
Drymatter	91%
Crude fat	2,4%
Crude protein	8,5%
Energy (ME, DE/Fe)	8 MJ ME, 9 MJ DE (0,7 Fe)
Crude fibre	19,1%
Crude ash	6,7%
Starch	5%
Sugar	5%



# ANALYSIS GUARANTEE

																				
	Performance Low Starch	Performance MaxBalance	Performance	Performance Energy	Groov Original	Groov Sensitive	Groov Protein	Groov Extra Protein	High Protein Muesli	Sensitive Muesli	High Energy Muesli	Sport Original	Plus Energy	Plus Protein	Senior Sensitive	Muscle Up	Sensitive Mash	Foal	Leisure Pellets	Leisure Müsli
Per kg feed																				
Drymatter %	88	87	88	87	88	88	88	88	86	86	86	87	88	88	88	88	88	89	88	88
Digestible energy (DE) MJ	11,6	12,2	11,6	14	10,5	11,6	11,6	11,6	12,8	12	14	14	12,8	12,2	12,8	14	12,4	11,6	11,6	11,2
Metabolisable energy (ME) MJ	10	10,5	10	12	9	10	10	10	11,0	10,3	12,0	12	11	10,5	11	12	11	10	10	10
Crude protein %	15	10	12,5	11	11	13	13,5	17	17	10	14	11	11,5	25	14	40	13	16	10	11
Digestible crude protein g	115	75	100	80	90	105	115	140	135	80	105	80	90	210	110	340	100	135	75	75
Digestible crude protein/ energy g/MJ (ME)	11,5	7,1	10	6,7	10	10,5	11,5	14	12,3	7,8	8,8	6,7	8,2	20	10	28,3	9	13,5	7,5	7,5
Lysine g	7,5	4	6,5	5,5	5,5	7	7	10	9	4	7	5,5	5	15	7,5	30	5	9	4,5	4
Vegetable fibres %	23	13	16	11	18	15	16	16	10	12	11	11	13	11	13	10	8	15	13	14
Crude oils and fat %	6	4	5	6	4	5	5	4	5	3	9	6	5	4,5	7	4	7	4,5	3,5	5
Starch %	4	27	19	24	16	20	17	16	30	35	30	24	15	9	18	9	22	16	20	23
Sugar %	4	4	5	6	5	5	5	5	3	3	3	6	6	7	5	5	6	5	6	4
Crude ash %	8	6	7	7	7	7	7	8	8	8	8	7	12	13	7,5	5	8	10	6	9
Calcium %	0,8	0,7	0,8	0,7	0,8	0,8	0,8	0,8	1	1	1	0,7	1,5	2	1	0,4	0,8	1,5	0,8	0,8
Phosphorus %	0,4	0,4	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	1	0,6	0,4	0,5	0,7	0,5	0,5
Magnesium %	0,5	0,3	0,3	0,4	0,3	0,4	0,3	0,4	0,3	0,3	0,3	0,4	0,8	0,8	0,4	0,2	0,4	0,4	0,4	0,4
Sodium %	0,4	0,3	0,4	0,4	0,3	0,3	0,4	0,4	0,3	0,3	0,3	0,4	0,8	0,9	0,4	0,07	0,4	0,4	0,4	0,4
Potassium %	1,5	0,7	0,9	0,8	1	1	1	1,2	0,9	0,9	0,8	0,8	0,9	1,4	1	1,1	1	1	0,9	1
FE	(*0,85 FE)	(*0,88 FE)	(*0,85 FE)	(*0,91 FE)	(*0,75 FE)	(*0,85 FE)	(*0,85 FE)	(*0,85 FE)	(*0,92 FE)	(*0,87 FE)	(*0,91 FE)	(*0,91 FE)	(*0,92 FE)	(*0,88 FE)	(*0,92 FE)	(*0,91 FE)	(*0,85 FE)	(*0,85 FE)	(*0,85 FE)	(*0,85 FE)
Vitamin A, 3a672a IE	15 000	10 000	10 000	10 000	10 000	13 000	10 000	10 000	10 000	10 000	10 000	10 000	30 000	30 000	12 000	-	10 000	14 000	10 000	10 000
Vitamin D3, E671 IE	1 500	1 000	1 000	1 000	1 000	1 300	1 000	1 000	1 000	1 000	1 000	1 000	3 000	3 000	1 200	-	1 000	1 400	1 000	1 000
Vitamin E mg	600	400	400	400	400	520	400	400	400	400	400	400	1200	1 200	480	-	400	560	400	400
Vitamin C, E300 mg	75	50	50	50	50	65	50	50	50	50	50	50	150	150	60	-	50	70	50	50
Vitamin K3 mg	0,2	0,1	0,1	0,1	0,1	0,13	0,1	0,1	0,1	0,1	0,1	0,1	0,3	0,3	0,12	-	0,1	0,14	0,1	0,1
Vitamin B1 (nitrate) mg	15	10	10	10	10	13	10	10	10	10	10	10	30	30	12	-	10	14	10	10
Vitamin B2 (riboflavin) mg	15	10	10	10	10	13	10	10	10	10	10	10	30	30	12	-	10	14	10	10
Vitamin B6 (pyridoxine hydrochloride) mg	3	2	2	2	2	3	2	2	2	2	2	2	6	6	2,4	-	2	2,8	2	2
Vitamin B12 mg	0,15	0,1	0,1	0,1	0,1	0,13	0,1	0,1	0,1	0,1	0,1	0,1	0,3	0,3	0,12	-	0,1	0,14	0,1	0,1
Calcium panth mg	7,5	5	5	5	5	6,5	5	5	5	5	5	5	15	15	6	-	5	7	5	5
Niacin mg	15	10	10	10	10	13	10	10	10	10	10	10	30	30	12	-	10	14	10	10
Folic acid mg	3	2	2	2	2	2,6	2	2	2	2	2	2	6	6	2,4	-	2	2,8	2	2
Biotin mg	0,15	0,1	0,1	0,1	0,1	0,13	0,1	0,1	0,1	0,1	0,1	0,1	0,3	0,3	0,12	-	0,1	0,14	0,1	0,1
Iron, E1 (sulphate) mg	95	63	63	63	63	83	63	63	62	62	62	63	191	191	76	-	63	89	63	63
Iodine, 3b202 (kalciumiodine) mg	0,18	0,12	0,12	0,12	0,12	0,16	0,12	0,12	0,12	0,12	0,12	0,12	0,36	0,36	0,15	-	0,12	0,17	0,12	0,12
Cobolt, 3b302 (carbonate) mg	0,45	0,3	0,3	0,3	0,3	0,39	0,3	0,3	0,4	0,4	0,4	0,3	0,9	0,9	0,36	-	0,3	0,42	0,3	0,3
Copper, E4 (chelate with aminoacids) mg	30	20	20	20	20	26	20	20	20	20	20	20	60	60	24	-	20	28	20	20
Copper, E4 (sulphate) mg	23	15	15	15	15	20	15	15	15	15	15	15	45	45	18	-	24	22	15	15
Manganese, E5 (oxide) mg	75	50	50	50	50	65	50	50	50	50	50	50	150	150	60	-	50	70	50	50
Zink, E6 (oxid) mg	90	60	100	60	60	78	60	60	100	100	100	60	180	180	72	-	60	84	60	60
Selenium, 3b8.11 (selenite yeast) mg	0,3	0,2	0,2	0,2	0,2	0,26	0,2	0,2	0,2	0,2	0,2	0,2	0,6	0,6	0,24	-	0,2	0,28	0,2	0,2
Selenium, E8(sodium selenite) mg	0,3	0,2	0,2	0,2	0,2	0,26	0,2	0,2	0,2	0,2	0,2	0,2	0,6	0,6	0,24	-	0,2	0,28	0,2	0,2
Estimate for climate impact (CO2 eq.)	295	375	312	418	260	270	290	280	-	-	-	420	388	456	301	358	-	330	337	-
Volume weight kg/l (approx.)	0,7	0,7	0,6	0,7	0,6	0,6	0,6	0,6	0,5	0,5	0,5	0,7	0,7	0,7	0,6	0,7	0,5	0,7	0,6	0,5





Tinne Vilhelmsen Silfvén riding Don Auriello. Photo: Roland Thunholm



Jennifer Fogh Pedersen with Lady Carmen M. Photo: Sanne Kolind



Nellie Berntsson riding High Hope. Photo: Stefan Keturi

# ANALYSIS GUARANTEE LUCERNE



	Lucerne chopped	Lucerne pellets	Lucerne pure pellets
Per kg feed			
Dry matter %	88	88	88
Metabolisable energy (ME) MJ/kg	8,5	8,5	8,5
Crude protein %	15	15	15
Digestible crude protein g/kg	105	105	105
Digestible crude protein/energy (DE) g/MJ	12,4	12,4	12,4
Lysine g/kg	4	4	4
Crude fibre %	27	27	27
Crude oil and crude fat %	3	3	3
Sugar %	11	6	3
Calcium %	1,3	1,3	1,3
Phosphorus %	0,3	0,2	0,2
Magnesium %	0,2	0,2	0,2

# ANALYSIS GUARANTEE MINERALS AND VITAMINS

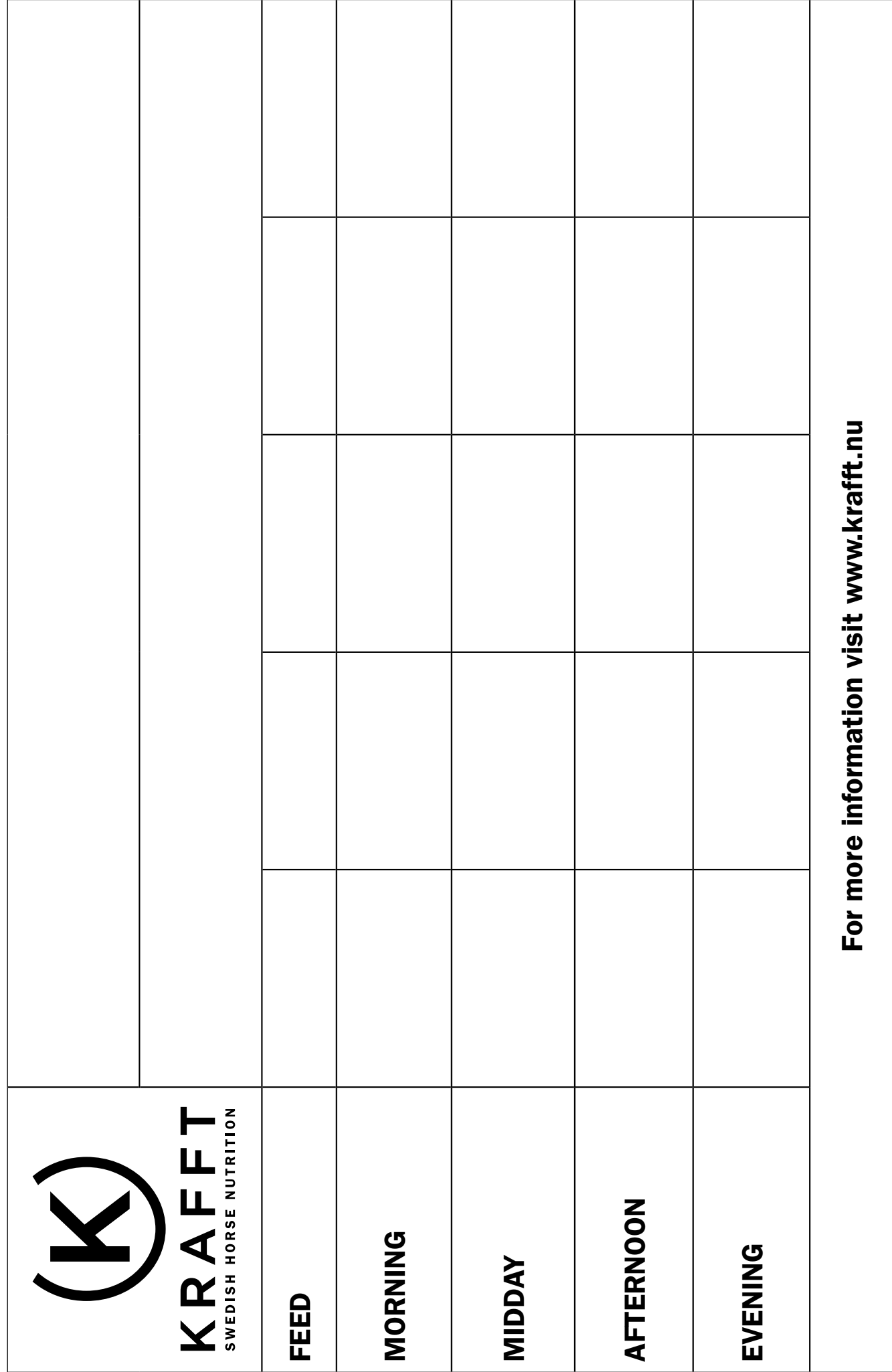


Per kg feed	Original		Extra	Summer	Balanced P	B		E		Multi	
	Granulat	Pellets	Pellets	Pellets	Pellets	Pellets	Flytande	Pellets	Flytande	Pellets	Flytande
Calcium (%)	16	12	11	8	5,5	-	-	-	-	-	-
Phosphorus (%)	4	3	1,7	4	6,5	-	-	-	-	-	-
Magnesium (%)	6	6	6	6	6	-	-	-	-	-	-
Cooking salt (%)	10	5	5	5	5	-	-	-	-	-	-
Copper (added) (mg)	900	900	1200	1200	900	-	-	-	-	-	-
Selenium (added) (mg)	15	15	15	15	15	-	-	-	-	-	-
Ca/P quota	4	4	6,5	2	0,8						
Vitamin A (IU)	100 000	100 000	200 000	-	100 000	-	-	-	-	750 000	1800
Vitamin D3 (IU)	10 000	10 000	10 000	-	10 000	-	-	-	-	66 667	160
Vitamin E (mg)	5 000	5 000	15 000	-	5 000	-	-	12 500	75	9600	23
Vitamin C (mg)	-	-	-	-	-	-	-	-	-	5800	14
Vitamin K3 (mg)	-	-	-	-	-	-	-	-	-	420	1
Vitamin B1 (mg)	-	-	250	-	-	1000	3	-	-	292	0,7
Vitamin B2 (mg)	-	-	250	-	-	667	-	-	-	458	1,1
Vitamin B6 (mg)	-	-	50	-	-	333	1	-	-	458	1,1
Vitamin B12 (mg)	-	-	2,5	-	-	17	0,05	-	-	2,5	0,006
Pantothenic acid (mg)	-	-	125	-	-	-	-	-	-	1125	2,7
Niacin (mg)	-	-	250	-	-	-	-	-	-	3000	7,2
Folic acid (mg)	-	-	70	-	-	-	-	-	-	75	0,18
Biotin (mg)	-	-	2	-	-	42	-	-	-	25	0,06
Choline (mg)	-	-	-	-	-	-	-	-	-	13 333	32
Iodine (mg)	3	3	3	3	10	-	-	-	-	-	-
Iron (mg)	600	600	600	600	600	-	-	-	-	-	-
Cobolt (mg)	10	10	10	10	10	-	-	-	-	-	-
Manganese, (mg)	1000	1000	1000	1000	1000	-	-	-	-	-	-
Zinc (mg)	2500	2500	2500	2500	2500	-	-	-	-	-	-













# KRAFFT

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