

Three horses are galloping from left to right against a black background. The horse on the left is a chestnut color. The middle horse is a chestnut color with a white blaze on its face. The horse on the right is a dark bay or black color with a white blaze on its face. Their manes and tails are flowing, suggesting high speed. The horses are positioned above a golden, curved banner that spans the width of the image.

*“Prevention is better  
than cure”*

Hippocrates

*Galloping Towards  
a Healthy Future*

# *“Prevention is better than cure”*

This well-known maxim, attributed to Hippocrates, applies to almost every area of life. It is especially relevant for the prevention of various health disorders. Hippocrates claimed that maintaining a healthy diet was a means of preventing diseases. Today, numerous scientific studies highlight the strong connection between an unbalanced, unhealthy diet and the development of serious health conditions, including cancer, in both humans and animals. **Therefore, a comprehensive and balanced nutrition plan is essential for maintaining good health.**

In addition to being responsible for our own health, it is our duty to make sure that our pets and animals are healthy and fit throughout their life. In terms of feeding, horses are completely dependent on us, humans. Their well-being, vitality, and longevity are largely linked to the right nutritional choices. **To ensure your horses stay healthy and energetic, we have developed highly digestible products with a variety of health-promoting benefits.**

Intensive breeding efforts contribute to the continuous improvement of the genetic value of animals each year. However, achieving the full genetic potential also requires careful attention to environmental considerations, among which nutrition is a critical factor. Providing animals with well-balanced feed is the foundation of proper animal care. Improper feeding of horses can lead to serious metabolic conditions, such as colic, bloating, laminitis, and gastric ulcers. Equine 'lifestyle diseases' – such as osteochondrosis (bone and cartilage necrosis) and RAO (equine asthma) – can also result from poor nutrition. **This is why providing animals with a well-balanced diet is crucial, as it effectively helps prevent a range of illnesses and conditions.** Proper nutrition is a key factor in maintaining the health and physical well-being of horses.

**To support the well-being and vitality of horses, we have created products with an exceptionally high digestibility index and health-boosting properties.**



**CHRUPKA**  
★ ★ ★

# CHRUPKA – muesli for horses

is an innovative textured compound feed with a unique structure and composition to maximise growth rates and improve horses health and vitality. CHRUPKA is a muesli-type feed, unique on the Polish market, produced with the aid of four feed upgrading technologies:

★ **Extrusion** - processing of plant-based raw materials based on hydrobarothermal treatment to induce desirable physical and chemical modifications. The combined effect of water, steam, temperature, pressure and mechanical stresses in the processing of feed materials results in beneficial changes in the structure of proteins, fats, starch and the fibre contained in the extrudates.



★ **Micronisation** - exposure of plant materials to IR radiation with a wavelength of 1.8-3.4  $\mu\text{m}$ . The process excites the molecules that make up the material, causing them to vibrate. The vibration of the molecules creates friction, which contributes to a rapid increase in temperature and vapour pressure inside the feed material's particles. Similarly to extrusion, the process improves the digestibility of nutrients and helps eliminate anti-nutritional compounds.



★ **Micronization (milling)** - reduction of the diameter of feed material particles to the order of micrometres. The process, which is used in many areas of science and industry, significantly increases the availability and assimilation of nutrients.



★ **Granulation** - treatment of the plant material with hot steam leading to partial gelatinisation of starch, which has a positive effect on digestibility. An additional advantage of the process is homogeneity of the resulting feed.



4 technologies



CHRUPKA

# Why Chrupka is the perfect choice

Equine digestive systems are adapted to diets high in fiber and low in starch. In horses, the small intestine has a limited capacity to digest starch. As a result, a high proportion of raw (unrefined) cereals in feed can lead to various adverse health effects. Poorly digestible starch passes through the small intestine and reaches the cecum, disrupting fermentation processes and affecting the composition, activity, and levels of the intestinal microbiome. As a result, horses may develop metabolic diseases including colic, bloating, laminitis, and gastric ulcers. To prevent these issues, we develop horse feeds that are specifically formulated to support the sensitive equine gastrointestinal tract.

- ★ **Reduced risk of digestive disorders** – extrusion and micronization of raw materials used in CHRUPKA enhance the digestibility and absorption of nutrients (fiber, starch, protein, fat) in the small intestine.
- ★ **Minimized risk of intestinal colic** – nutrients are more efficiently absorbed in the small intestine, while less food for pathogens reaches the large intestine, reducing fermentation and gas production.
- ★ **Prevention of stomach ulcers** – large feed particles and extruded fiber help prevent horses from eating too quickly and swallowing their food in large gulps. Chrupka stimulates an increase in the production of saliva (the basic and natural buffer for gastric acids).
- ★ **Enhanced immune function helps reduce the incidence of RAO** – plant extracts, herbs, carefully selected essential oils, and the absence of dust fraction contribute to health-promoting effects.
- ★ **Significantly reduced feeding costs** – highly digestible and absorbable nutrients are efficiently utilized by animals, minimizing waste and loss.

CHRUPKA is a line of highly palatable and carefully balanced muesli-type feed products containing a high proportion of extruded components. Extrusion and micronization are proven to enhance digestion, nutrient assimilation, and absorption, thereby supporting metabolic processes. In addition, extrusion significantly improves the palatability and aroma of animal feed. During gelatinization, starch is broken down into simpler and more readily digestible compounds. Horses simply love the flavor and aroma of this feed.

**CHRUPKA**  
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*“Prevention is better than cure”*

Hippocrates

**Proper nutrition is a critical factor determining the health and physical well-being of horses.**



# Basic

## CHRUPKA

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Muesli-style feed recommended as a primary feed for horses and ponies. High digestibility and absorbability of CHRUPKA Basic feed help ease the strain on the horse's sensitive digestive system, enhancing its overall function.

The product contains highly digestible components processed using specialized refining techniques for plant materials.



### ADVANTAGES AND BENEFITS

- ★ Feed with reduced protein content and lower levels of energy-rich ingredients – designed to prevent hyperactivity and nervousness in horses, while still providing all the essential nutrients needed to maintain their health and fitness.
- ★ High digestion and nutrient absorption rates ensure that animals utilize only the ingredients that are properly digested and absorbed in the gastrointestinal tract. Most of the nutrients contained in Chrupka Basic undergo absorption in the small intestine. As a result, they do not reach the cecum, preventing disruption to fermentation processes and helping to reduce the risk of colic, bloating, laminitis, and gastric ulcers.
- ★ Complete and optimal levels of vitamins, micronutrients, and macronutrients – essential ingredients for the proper functioning of the horse's body.
- ★ Zinc, copper, and manganese chelates – highly bioavailable organic trace elements that support the quality of the horse's hoof horn and coat.
- ★ No added oats – to ensure a steady release of energy.

By using the optimal combination of easily digestible refined cereals, a specialized mycotoxin-binding preparation, and a blend of herbs and essential oils, the impact of nutrition on the development of metabolic diseases and respiratory disorders is minimized. Balanced protein and energy levels make it an excellent basic feed for horses and ponies.

### INGREDIENTS:

Extruded corn (muesli-type), infrared micronized barley flakes, wheat, microWheat (extruded, micronized wheat), dried alfalfa, o-MEGA L (extruded linseed, corn, dried apples, milk thistle), dried carrots, sodium chloride, monocalcium phosphate, dried apples, yeast and its derivatives from *Saccharomyces cerevisiae*, magnesium oxide, calcareous marine algae.

### ANALYTICAL INGREDIENTS::

Total protein	%	10,50
Metabolic energy	MJ	12,50
Crude fat	%	5,00
Crude fiber	%	4,50
Crude ash	%	6,00
Lysine	%	0,35
Methionine	%	0,20
Met+Cys	%	0,40
Threonine	%	0,35
Tryptophan	%	0,10
Calcium	%	1,00
Phosphorus	%	0,50
Sodium	%	0,50
Magnesium	%	0,65
Vitamin A	IU	23 800
Vitamin D3	IU	2 550
Vitamin E	Mg	452,0
Vitamin K	Mg	5,1
Vitamin C	Mg	800,0
Vitamin B1	Mg	15,3
Vitamin B2	Mg	20,40
Vitamin B6	Mg	13,6
Vitamin B12	Mcg	136,0
Biotin	Mcg	1 020,0
Manganese	Mg	102,0
Chelated Mn	Mg	77,0
Iodine	Mg	1,4
Copper	Mg	25,0
Chelated Cu	Mg	24,0
Iron	Mg	106,0
Zinc	Mg	102,0
Chelated Zn	Mg	143,0
Cobalt	Mcg	1 360,0
Selenium	Mcg	340,0



### FEEDING SCHEDULE:

The recommended dose ranges from 0.5 to 1 kg per 100 kg of body weight, depending on the intensity of training and the horse's overall condition.

# Sport

## CHRUPKA

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Muesli-type feed recommended for horses during periods of intensive training. With its good digestibility and effective absorption of dietary nutrients, Chrupka Sport support the horse's sensitive digestive system, enhancing its function and directing more nutrients toward performance.

The product contains highly digestible components processed using specialized refining techniques for plant materials.



### ADVANTAGES AND BENEFITS

- ★ **High-energy feed** – a source of easily accessible energy.
- ★ **High digestion and nutrient absorption rates** ensure that animals utilize only the ingredients that are properly digested and absorbed in the gastrointestinal tract. Most of the nutrients contained in Chrupka Sport are absorbed in the small intestine. As a result, they do not reach the cecum, preventing disruption to fermentation processes and helping to reduce the risk of colic, bloating, laminitis, and gastric ulcers.
- ★ **High biological value protein** – an excellent building block for muscle mass, supporting strength and accelerating tissue regeneration after competitions or intense training.
- ★ **Enhanced levels of magnesium and highly absorbable calcium from marine algae** – promoting stronger tendons, muscles, and joints.
- ★ **Zinc, copper, and manganese chelates** – highly bioavailable organic trace elements that support the quality of hoof horn and coat.
- ★ **Rich source of vitamins, micronutrients, and macronutrients** – essential components that support healthy body functions and enhance sports performance.
- ★ **Chrupka Sport is oat-free** – to offer a steady release of energy.

CHRUPKA SPORT, providing quickly available energy from starch, and OMEGA FIBER, offering slowly released energy from fiber and pure energy from linseed oil, are complementary components. They provide not only strength and speed but also enhance the horse's composure and endurance.



### INGREDIENTS:

Infrared micronized barley flakes; extruded corn (muesli-type); Golden Protein – extruded rapeseed meal post-extraction; microWheat – micronized extruded wheat; dried alfalfa; o-MEGA L (extruded linseed, corn, dried apples, milk thistle); dried carrots; yeast and its derivatives from *Saccharomyces cerevisiae*; sodium chloride; monocalcium phosphate; magnesium oxide; dried apples, calcareous marine algae; calcium carbonate.

### ANALYTICAL INGREDIENTS:

Total protein	%	13,50
Metabolic energy	MJ	13,50
Crude fat	%	4,50
Crude fiber	%	6,00
Crude ash	%	7,00
Lysine	%	0,60
Methionine	%	0,20
Met+Cys	%	0,55
Threonine	%	0,50
Tryptophan	%	0,15
Calcium	%	1,40
Phosphorus	%	0,70
Sodium	%	0,50
Magnesium	%	0,80
Vitamin A	IU	26 600
Vitamin D3	IU	2 850
Vitamin E	Mg	464,0
Vitamin K	Mg	5,7
Vitamin C	Mg	800,0
Vitamin B1	Mg	17,1
Vitamin B2	Mg	22,8
Vitamin B6	Mg	15,2
Vitamin B12	Mcg	152,0
Biotin	Mcg	1 140,0
Manganese	Mg	114,0
Chelated Mn	Mg	77,0
Iodine	Mg	1,5
Copper	Mg	25,0
Chelated Cu	Mg	24,0
Iron	Mg	115,0
Zinc	Mg	115,0
Chelated Zn	Mg	143,0
Cobalt	Mcg	1 520,0
Selenium	Mcg	380,0



### FEEDING SCHEDULE:

The recommended dose ranges from 0.5 to 1 kg per 100 kg of body weight, depending on the intensity of training and the horse's overall condition.

# Junior

## CHRUPKA

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Specially formulated muesli-type feed, ideal as solid fodder for foals both before and after weaning. High digestibility and absorbability of CHRUPKA Junior feed help reduce strain on the sensitive digestive system of young horses, improving its overall function.

The product contains highly digestible components processed through specialized refining techniques for plant materials.



### ADVANTAGES AND BENEFITS

- ★ **High digestion and nutrient absorption rates** ensure that animals utilize only the ingredients that are properly digested and absorbed in the gastrointestinal tract. Most of the nutrients contained in Chrupka Junior are absorbed in the small intestine. This promotes stable fermentation processes, reducing the risk of metabolic disorders.
- ★ **Magnesium and easily digestible calcium from marine algae** – support healthy bone development in young horses and help prevent osteochondrosis. In addition, both ingredients increase the strength of tendons, muscles, and joints.
- ★ **Rich amino acid profile and high biological value of protein** – promote the healthy growth and development of muscle tissue in foals.
- ★ **Comprehensive and well-balanced levels of vitamins, micro- and macronutrients** – crucial for the proper development and function of the young horse's body.
- ★ **High levels of zinc, copper and manganese chelates** – organic microelements with high bioavailability help reduce the risk of osteochondrosis.
- ★ **Chrupka Junior is oat-free** – to offer a steady release of energy.

Top-quality, easily digestible components with optimal nutrient levels contribute to rearing healthy, robust, and thriving foals. By incorporating multiple sources of easily absorbed calcium and phosphorus, along with highly bioavailable minerals in chelate form, this formulation effectively helps prevent osteochondrosis.

### INGREDIENTS:

Infrared micronized barley flakes; extruded corn (muesli-type); Golden Protein – extruded rapeseed meal post-extraction; microWheat- micronized extruded wheat; dried alfalfa; soy meal post-extraction; o-MEGA L (extruded linseed, corn, dried apples, milk thistle); yeast and its derivatives from *Saccharomyces cerevisiae*; dried carrots; calcium carbonate; dried apples; sodium chloride; monocalcium phosphate; magnesium oxide; calcareous marine algae.

### ANALYTICAL INGREDIENTS:

Total protein	%	14,50
Metabolic energy	MJ	13,50
Crude fat	%	4,50
Crude fiber	%	4,50
Crude ash	%	7,00
Lysine	%	0,70
Methionine	%	0,25
Met+Cys	%	0,50
Threonine	%	0,55
Tryptophan	%	0,20
Calcium	%	1,40
Phosphorus	%	0,60
Sodium	%	0,40
Magnesium	%	0,50
Vitamin A	IU	23 800
Vitamin D3	IU	2 550
Vitamin E	Mg	452,0
Vitamin K	Mg	5,1
Vitamin C	Mg	800,0
Vitamin B1	Mg	15,3
Vitamin B2	Mg	20,4
Vitamin B6	Mg	13,6
Vitamin B12	Mcg	136,0
Biotin	Mcg	1 020,0
Manganese	Mg	102,0
Chelated Mn	Mg	77,0
Iodine	Mg	1,4
Copper	Mg	25,0
Chelated Cu	Mg	24,0
Iron	Mg	106,0
Zinc	Mg	102,0
Chelated Zn	Mg	143,0
Cobalt	Mcg	1 360,0
Selenium	Mcg	340,0



### FEEDING SCHEDULE:

For foals aged 2 to 18 months: the daily dose ranges from 400 g to 3 kg, increasing with age.

# Beauty Builder

## CHRUPKA

A muesli-type feed formulated for horses in intensive training, designed to build muscle mass and enhance appearance and presentation. It is also suitable for horses recovering from significant weight loss, such as due to injury, as well as those intended for shows and breeding.

The product contains highly digestible components processed through specialized refining techniques for plant materials.



### ADVANTAGES AND BENEFITS

- ★ **Complete feed** – no further supplementation is needed, even with the high demands placed on sport horses.
- ★ **High digestion and nutrient absorption rates from the muesli-type formulation** – achieved through the use of four refining processes during production: extrusion, micronizations, and granulation.
- ★ **High energy supply for the horse's body** – with ingredients including extruded corn and wheat, and micronized barley flakes.
- ★ **Unique protein boost supporting muscle condition** – formulated with micronized peas and Golden Protein extrudate.
- ★ **Shiny coat and strong hoof horn** – thanks to extruded linseed, a valuable source of omega-3 and omega-6 acids.
- ★ **Protective and regenerative effect on the liver** – contains milk thistle endosperm, which is a valuable source of silymarin.
- ★ **High bioavailability of micronutrients such as zinc, copper, and manganese** – provided in chelated form.
- ★ **Optimal calcium level** – contains highly digestible marine algae.
- ★ **Improved gastrointestinal function** – formulated with *Saccharomyces cerevisiae* yeast to support gut microbiota.
- ★ **No added oats** – to ensure a steady release of energy.

Chrupka Beauty Builder is the perfect solution for horses that need rapid improvement in condition, enhancing muscle mass, hair cover, and hoof horn health.

The combination of readily available energy essential for the horse's performance, along with a high level of refined protein and both micro- and macronutrients that support the musculoskeletal system, makes this an essential addition to the training of sport horses or those participating in breeding exhibitions.

The product supports muscle mass development, aids in the regeneration of muscle fibers in sport horses, and promotes cell renewal after intense activity.



### INGREDIENTS:

Extruded corn (muesli-type); infrared micronized barley flakes; Golden Protein – extruded rapeseed meal post-extraction; microWheat – micronized extruded wheat; infrared micronized pea flakes; dried alfalfa; o-MEGA L (extruded linseed, corn, dried apples, milk thistle); yeast and its derivatives from *Saccharomyces cerevisiae*; sodium chloride; monocalcium phosphate; magnesium oxide; dried apples; calcareous marine algae; calcium carbonate.

### ANALYTICAL INGREDIENTS:

Total protein	%	15,00
Metabolic energy	MJ	13,50
Crude fat	%	4,00
Crude fiber	%	6,00
Crude ash	%	9,00
Lysine	%	0,80
Methionine	%	0,25
Met+Cys	%	0,60
Threonine	%	0,60
Tryptophan	%	0,20
Calcium	%	1,50
Phosphorus	%	0,70
Sodium	%	0,50
Magnesium	%	0,80
Vitamin A	IU	29 260
Vitamin D3	IU	3 135
Vitamin E	Mg	510,0
Vitamin K	Mg	6,3
Vitamin C	Mg	880,0
Vitamin B1	Mg	18,8
Vitamin B2	Mg	25,0
Vitamin B6	Mg	16,7
Vitamin B12	Mcg	167,2
Biotin	Mcg	1 254,0
Manganese	Mg	125,0
Chelated Mn	Mg	85,0
Iodine	Mg	1,7
Copper	Mg	27,5
Chelated Cu	Mg	26,4
Iron	Mg	125,0
Zinc	Mg	125,0
Chelated Zn	Mg	157,0
Cobalt	Mcg	420,0
Selenium	Mcg	1 670,0



### FEEDING SCHEDULE:

The recommended dose ranges from 0.5 to 1 kg per 100 kg of body weight, depending on the intensity of training and the horse's overall condition.



# Allergic

## CHRUPKA

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Chrupka Allergic is specifically formulated for horses with gastric issues, including peptic ulcers, diagnosed food intolerances, and metabolic disorders.

It contains highly digestible ingredients that undergo specialized refining processes to enhance their nutritional value.



### ADVANTAGES AND BENEFITS

- ★ Cereal-free product, low in starch and rich in fiber – offering a steady release of energy.
- ★ Carefully designed formula to eliminate common allergens present in feeds.
- ★ **Superior digestibility** – achieved through the use of three refining processes during production: extrusion, micronization, and granulation.
- ★ **Positive impact on gut function** – enhanced with extruded Omega Fiber, which provides long-lasting energy release.
- ★ **Unique protein boost** – thanks to the use of infrared-micronized pea flakes.
- ★ **Shiny coat and strong hoof horn** – thanks to extruded linseed, a valuable source of omega-3 and omega-6 acids.
- ★ **Protective and regenerative effect on the liver** – contains milk thistle endosperm, which is a valuable source of silymarin.
- ★ **Supports digestive processes and binds heavy metals** – thanks to the high pectin content from dried fruit.
- ★ **Complete muesli-type feed** – no additional mineral or vitamin supplementation required.
- ★ **High bioavailability of micronutrients** such as zinc, copper, and manganese – provided in chelated form.
- ★ **Optimal calcium level** – contains highly digestible marine algae.



### INGREDIENTS:

MEGA FIBER (extruded dried apples, unmolassed beet pulp, linseed, wheat bran, buckwheat husk, calcareous marine algae); dried apples; infrared micronized pea flakes; wheat bran; linseed oil; sodium chloride; magnesium oxide; calcium carbonate; monocalcium phosphate; calcareous marine algae.

### ANALYTICAL INGREDIENTS:

Total protein	%	12,00
Metabolic energy	MJ	10,50
Crude fat	%	7,00
Crude fiber	%	15,50
Crude ash	%	8,00
Lysine	%	0,60
Methionine	%	0,20
Met+Cys	%	0,35
Threonine	%	0,40
Tryptophan	%	0,10
Calcium	%	1,30
Phosphorus	%	0,55
Sodium	%	0,55
Magnesium	%	0,70
Vitamin A	IU	23 870
Vitamin D3	IU	2 550
Vitamin E	Mg	452,0
Vitamin K	Mg	5,1
Vitamin C	Mg	800,0
Vitamin B1	Mg	15,3
Vitamin B2	Mg	20,4
Vitamin B6	Mg	13,6
Vitamin B12	Mcg	136,0
Biotin	Mcg	1 020,0
Manganese	Mg	102,0
Chelated Mn	Mg	77,0
Iodine	Mg	1,4
Copper	Mg	25,0
Chelated Cu	Mg	24,0
Iron	Mg	106,0
Zinc	Mg	102,0
Chelated Zn	Mg	143,0
Cobalt	Mcg	1 360,0
Selenium	Mcg	340,0

### FEEDING SCHEDULE:

The recommended dose is 0.3 to 0.6 kg per 100 kg of body weight, adjusted based on training intensity, the horse's overall condition, and individual nutritional needs. It is advised to divide the daily dose into at least three meals.

A product formulated for horses with allergies, heightened sensitivity, and digestive problems.

Chrupka Allergic delivers slowly released energy from high-fiber ingredients and highly digestible protein from hypoallergenic sources.

# Omega Fiber

innovative solution

Extruded compound feed with added linseed. Omega Fiber is a rich source of crude fiber, dietary fiber, and omega-3 fatty acids.

## ADVANTAGES AND BENEFITS

- ★ With its high fiber content (over 20%), low starch content (up to 5%), and buffering properties from marine algae, Omega Fiber is highly effective in aiding convalescence and preventing metabolic diseases such as stomach ulcers, colic, bloating, and laminitis.
- ★ It supports the proper functioning of the digestive system. It has a positive effect on gut motility, offers prebiotic benefits, and promotes the growth of beneficial gut microbiota.
- ★ Mineralized red algae contain highly bioavailable calcium and magnesium, along with essential macro- and micronutrients such as phosphorus, potassium, sodium, iron, copper, selenium, and iodine, all of which support the animal's health and well-being. Mineralized red algae fortify the muscles, tendons, and joints. Minerals are essential not only for the healthy mineralization of bones and teeth but also for supporting the optimal functioning of the nervous, muscular, and circulatory systems. Marine algae have buffering properties that help neutralize stomach acids, aiding in the prevention of ulcers and inflammatory conditions.
- ★ It has beneficial dietary properties and produces a soothing effect on the gastrointestinal tract. Mucilaginous substances contained in linseed have a beneficial impact on the mucous membrane of the digestive tract. The product also improves the quality of hoof horn and ensures a shiny coat.
- ★ Due to the high levels of flavonoids in buckwheat husk, particularly rutin (compounds known for their antioxidant properties, detoxifying the body of free radicals, and valued in preventing lifestyle diseases), it offers both anti-inflammatory and antioxidant effects. In addition, it strengthens the immune system.
- ★ High levels of natural B vitamins (niacin, thiamine, riboflavin, folic acid) support the proper functioning of the nervous system, providing a calming effect on nervous horses.
- ★ An excellent source of slowly released energy.
- ★ Microbiologically safe product – sanitized through high temperature and pressure during the extrusion process.

The superior microbiological quality (with the extrusion process eliminating molds and fungi) and high fiber content make the product a valuable and safer alternative to most types of pulp, bran, and chaff.



## Applications:

Omega Fiber is recommended as a component of daily diet. It is an excellent complement to concentrate feeds, and may partially replace roughage.

Omega Fiber is recommended in particular:

- for hyperactive horses,
- for the prevention of metabolic conditions: laminitis, bloating, colic, and stomach ulcers
- for breeding mares to improve reproductive performance.,



## INGREDIENTS:

Extruded components: linseed, dried apples, buckwheat husk, unmolassed beet pulp, wheat bran, marine algae.

## ANALYTICAL INGREDIENTS:

Crude fiber	%	20,50
Crude protein	%	11,50
Crude fat	%	10,00
Starch	%	5,00
Crude ash	%	4,50
Lysine	%	0,55
Methionine	%	0,20
Met+Cys	%	0,40
Threonine	%	0,50
Tryptophan	%	0,15
Calcium	%	0,80
Phosphorus	%	0,40
Sodium	%	0,80

## FEEDING SCHEDULE:

Mature horses: between 1 kg and 2 kg per horse daily.  
Foals: 150 g per 100 kg of body weight daily.

### Feeding instructions:

wet feeding – combine 3 parts water with 1 part feed. Mix thoroughly and allow to soak for 10–15 minutes before serving.  
dry feeding – limit to a maximum of 500 g per serving.

# Mineral BONUS

## Complementary mineral feed for horses

Recommended to supplement the mineral and vitamin needs of horses fed OMEGA FIBER.

A low-starch diet based on OMEGA FIBER and MINERAL BONUS is recommended for hyperactive horses and those with metabolic disorders, including laminitis, bloating, colic, and peptic ulcers.

### COMPOSITION:

wheat bran, sodium chloride, magnesium oxide, calcium carbonate, monocalcium phosphate, calcareous marine algae, and yeast and their derivatives sourced from *Saccharomyces cerevisiae*

### ANALYTICAL INGREDIENTS:

calcium 5.00%; phosphorus 1.50%; sodium 2.50%, magnesium 3.00%

### ADDITIVES (per 1 kg):

Vitamin A (3a672a) 3a\*(retinyl acetate) 119,340.00 IU

Vitamin D3 E(671) 3a\*12,785.00 IU

Vitamin E 3a700 (all-rac-alpha-tocopheryl acetate) 2,260.00 mg

Vitamin K (3a711) 3a\*25.50 mg

Vitamin B1 3a821 3a\*(thiamine mononitrate) 76.0 mg

Vitamin B2 3a\* 102.0 mg

Vitamin B6 3a831 3a\*(pyridoxine hydrochloride) 68.0 mg

Vitamin B12 3a\*(cyanocobalamin) 682.0 mcg

Biotin (3a880) 3a\* 5,115.0 mcg

Choline chloride (3a890) 3a\* 2,215.0 mg

Manganese Mn 3b502 3b\*(manganese oxide) 524.0 mg

Chelated Mn 3b506 3b\*(manganese chelate glycine hydrate) 385.0 mg

Copper Cu 3b405 3b\*(copper sulfate pentahydrate) 125.0 mg

Chelated Cu 3b413 3b\*(copper chelate of glycine hydrate) 120.0 mg

Iron Fe 3b103 3b\*(iron (II) sulphate monohydrate) 525.0 mg

Zinc Zn 3b603 3b\*(zinc oxide) 513.0 mg

Chelated Zn 3b607 3b\*(zinc chelate of glycine hydrate) 715.0 mg;

Cobalt Co 3b304 3b\* (coated granulated cobalt(II) carbonate) 6,820.0 mcg Selenium Se 3b802 3b\* (sodium selenite) 1,700.0 mcg

Substances that reduce feed contamination by mycotoxins:

Aflatoxin B1 -1m558 bentonite 2,000.0 mg

Purified diatomaceous earth E551c2 75.0 mg

Blend of flavor-enhancing compounds 2b 172.5 mg (including carvacrol, cinnamon, anethole, Capsicum annuum L./Capsicum frutescens L., 2b03001-1,8-cineole-21680 mg/kg, linalool)



### FEEDING SCHEDULE

The recommended dose ranges from **150 to 450 g per horse per day**, depending on the horse's age and body weight, activity level, and the overall diet composition.



# Vital Mash

Vital Mash is an excellent source of energy. It is a perfect supplement for sport horses, including those involved in endurance, dressage, show jumping, and racing. Vital Mash is a real powerhouse of energy, providing twice the calories of proteins or carbohydrates, making it the perfect fuel for active animals. It is a rich source of essential unsaturated fatty acids, including omega-3 and omega-6, which the horse's body cannot produce on its own.

## ADVANTAGES AND BENEFITS

- ★ Enhanced fertility both in mares and stallions.
- ★ Improved condition of the skin and coat.
- ★ Faster tissue regeneration after injuries or intensive competitions.
- ★ Better quality of the hoof horn, increased bone density.
- ★ Stimulation of the immune system to fight infections (based on the high content of omega-3 acids).
- ★ A valuable source of pure energy for sport horses.
- ★ High levels of pectin and mucilaginous compounds to enhance digestive function.
- ★ Quick preparation, with no boiling or steaming required.

Vital Mash should ideally be used daily, as the equine digestive system does not tolerate frequent feed changes or irregular feeding schedules.

Sudden changes in feed disrupt the fermentation processes in the digestive tract, impacting the composition, activity, and balance of the gut microbiome.

The proportion of Vital Mash in equine diets should be increased on a step-by-step basis. Switching the horse's nutritional regimen immediately before or during competitions is not advisable.

Dietary linseed oil, rich in omega-3 fatty acids, has a multifaceted beneficial effect on equine health.



OMEGA 3



## Applications:

Vital Mash is a specialized feed component made from 100% extruded raw materials, specifically formulated for:

- horses undergoing intensive training and competitions,
- horses during periods of convalescence,
- mares before mating to improve embryo implantation and reproductive performance, and for nursing mares to increase the content of omega-3 acids in milk and thus boost the foals' immune status,
- stud stallions to enhance the quality of semen.

## INGREDIENTS:

Extruded components: linseed, corn, dried apples, milk thistle endosperm

## ANALYTICAL INGREDIENTS:

Metabolic energy	MJ	17,90
Total protein	%	18,00
Crude fat	%	29,00
Crude fiber	%	9,00
Crude ash	%	3,00
Lysine	%	0,65
Methionine	%	0,04
Met+Cys	%	0,70
Threonine	%	0,64
Tryptophan	%	0,23
Calcium	%	0,19
Phosphorus	%	0,46
Sodium	%	0,04
Fatty acid profile (% of total acids):		
Palmitic acid	%	6,5
Oleic acid	%	19,0
Linoleic acid	%	17,0
Linolenic acid	%	50,0

## FEEDING SCHEDULE:

Mature horses: between 0.5 kg and 1 kg per horse daily.

Foals: 50-100 g per 100 kg of body weight daily.

### Feeding instructions:

combine 3 parts lukewarm water with 1 part feed. Mix and allow to soak for 10-15 minutes before serving.



*Our products are  
recommended by...*

*Anna Stasiak*



*Grzegorz Kubiak*



*Dawid Kubiak*



*Michał Kubiak*




*Szymon Stasiak*




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