

Black Horse

Made in Finland

Premium



**BLACK
HORSE**

 **BIOFARM**

Ferrimax

600 g

 IRON PERFORMANCE BLOOD COUNT

Black Horse Premium Ferrimax

Supplementary feed for racehorses. Contains iron, micronutrients and vitamins.

Iron can be found in the haemoglobin in red blood cells and in muscle myoglobin. Iron is necessary for e.g. the production of haemoglobin in red blood cells, oxygen transport, and cellular respiration.

The vitamins and micronutrients included in the product help support the production of red blood cells and haemoglobin.

Iron deficiency can result in anaemia (low haemoglobin). Horses with impaired iron absorption (e.g. intestinal disorders, nutrition) may require additional iron in their diet.

With **Ferrimax**, you can ensure that your race horse receives the iron it needs during the training and racing season.

Instructions & dosage

Racehorses 10 g/day
For use in fixed-duration regimens.
Mix with feed.

A daily dose of 10 g contains:

Iron	330 mg
Vitamin E	680 mg
Vitamin C	1000 mg
Vitamin B12	0.1 mg
Folic acid	1 mg
Vitamin B6	60 mg
Copper	20 mg
Zinc	20 mg
Selenium	0.1 mg



Elektrolyytti

2 kg



- RECOVERY
- ELECTROLYTES
- WATER-SOLUBLE

Black Horse Premium Elektrolytti

Special supplementary feed for horses - helps maintain electrolyte levels after periods of heavy perspiration.

Electrolytes are necessary for maintaining the body's fluid and salt balance, and they also play a vital role in the nervous and muscular system.

Horses typically lose electrolytes when they sweat during arduous training/race/transport situations and in hot conditions.

A lack of electrolytes can cause dysfunctions of the nervous and muscular system (muscle cramps/pain, disorders of the nervous system, loss of performance/fatigue). Elektrolytti helps horses recover from perspiration-induced dehydration and promotes performance and recovery. It also helps maintain your horse's willingness to drink fluids.

Instructions & dosage

Replaces electrolytes lost during periods of heavy perspiration. Also helps maintain fluid balance in connection with intestinal disorders. Add 25 g of electrolyte powder to one litre of clean tap water, serve as a beverage or mix with feed. New dilution must be prepared daily. The electrolyte powder can also be added as-is to feed. Recommended use time 1–3 days. When using Elektrolytti, remember to ensure that clean drinking water is available at all times.

Prepared dilution contents:

Sodium	1,800 mg/l
Potassium	825 mg/l
Chloride	1,950 mg/l



Electrolytes



Biomet

600 g and 2 kg



- HOOVES
- COAT
- SKIN

Black Horse Premium Biomet

Special supplementary feed for horses – promotes hoof, skin and coat restoration.

Biomet contains the nutrients that are crucial for the health of a horse's hooves, skin and coat. Biotin, i.e. vitamin B₇, is a water-soluble vitamin. Biotin is also called vitamin H, after the German word "haut", which means skin.

Biotin is necessary for safeguarding e.g. the health of the nervous system, skin, mucous membrane and hooves.

Methionine promotes the absorption of biotin. Zinc is a vital micronutrient used in keratin formation, the coat and the skin. **Biomet** helps promote hoof and coat regeneration.

Instructions & dosage

Horses 20 g/day. Supports skin and coat health, provide in 4–8-week regimens. Maintaining the health of your horse's hooves and hoof material is of the essence, and to achieve this, it is recommended that you provide biotin for a period of several months.

A daily dose of 20 g contains:

DL-Methionine	5000 mg
Zinc	540 mg
Biotin	20 mg



Piimax

2.1 kg and 7 kg



BONES

JOINTS

HOOFES

Black Horse Premium Piimax

Supplementary feed for horses. Contains calcium, magnesium and diatomaceous earth. Calcium is a structural component of the skeletal system, and it is also involved in nerve impulse flows and muscle activities. Diatomaceous earth is necessary for the development of cartilage and tendons, and it is also vital for the health of the skin.

Magnesium serves as a building material for the skeletal system, and it is also part of a

body's muscle functions and energy production. Vitamin C is used in the generation of e.g. connective tissue (tendons), and it also acts as an antioxidant that protects the body from oxidation.

Piimax has been designed to help support the growth and development of your horse's joints, connective tissues, skeletal system, and hooves.

Instructions & dosage

Horses 35 g/day

A daily dose contains:

Magnesium	7000 mg
Diatomaceous earth	4550 mg
Calcium	2800 mg
Vitamin C	70 mg



Hooves, joints, bones



Cartivet + msm

900 g and 3 kg



JOINTS

MOBILITY

MAINTENANCE/STRAIN

Black Horse Premium Cartivet + msm

Supplementary feed for the maintenance of normal joint mobility. Exercise is important for the joints, as it helps maintain the structural and mechanical properties of the joint cartilage. The health of your horse's joint cartilage is a key factor for the wellbeing of its joints. Cartilage is formed from glycosaminoglycans and proteoglycans, the synthesis of which can be disturbed by e.g. excessive strain or age-related stiffness. Glucosamine and chondroitin sulphate are the building blocks of the body's cartilage tissue. Adding glucosamine to one's diet can increase the amount of glucan produced by the body. Chondroitin sulphate is believed to have a positive effect on the metabolism of cartilage cells.

MSM (methylsulfonylmethane) provides the body with sulphur, which can be found in the structural proteins of the joints and cartilage. Sulphur is also provided by sulphur-rich amino acids (methionine). Collagen is the structural protein of the body's connective tissue (cartilage and tendons) and skeletal system. Collagen is produced by the body, but its production decreases with age, which can result in the thinning of the body's cartilage. **Cartivet + msm** has been designed for all horses and ponies, and it is especially suitable for horses whose joints and joint cartilage are subjected to very strenuous activities. It is also suitable for senior horses with reduced joint mobility (stiffness).

Instructions & dosage

Horses 30 g/day

Foals 15 g/day

Ponies 15 g/day

A daily dose of 30 g contains:

MSM	15,000 mg
Glucosamine	5100 mg
Chondroitin sulphate	2430 mg
Collagen	51 mg
Vitamin D3	1,200 IU
Vitamin E	150 mg
Biotin	0.18 mg
Vitamin C	900 mg
Methionine	2400 mg



Cartivet

900 g



- JOINTS
- HORSES & PONIES
- SENIORS



Black Horse Premium Cartivet

Supplementary feed for the maintenance of normal joint mobility. Exercise is important for the joints, as it helps maintain the structural and mechanical properties of the joint cartilage. **Cartivet** contains glucosamine, chondroitin sulphate, vitamins and methionine. Adding these to the diet of your horse or pony will help support the wellbeing of its joints and joint cartilage. **Cartivet** can be given to all horses and ponies, and it is especially suitable for those subjected to strenuous activities and senior animals.

Instructions & dosage

Horses 30 g/day
Foals 15 g/day
Ponies 15 g/day

A daily dose of 30 g contains:

Glucosamine	1110 mg
Chondroitin sulphate	942 mg
Vitamin D3	1,200 IU
Vitamin E	150 mg
Biotin	0.18 mg
Vitamin C	900 mg
Methionine	2400 mg

Cartivet Complete

600 g



- TENDONS
- CARTILAGE
- JOINTS



Black Horse Premium Cartivet Complete

Cartivet Complete is a versatile supplementary feed for horses and ponies. It provides support to joints that are subjected to strenuous activities, older age, or are in recovery. Every ingredient in **Complete** has been selected to protect the cartilage cells in the joints from the enzymes that break them down, as well as to promote the growth of new cartilage cells. Collagen is the structural protein of the skin, bones, cartilage, tendons and ligaments. Collagen is produced by the body, but its production decreases with age, resulting in the thinning of the body's cartilage. Glucosamine and chondroitin sulphate are the building blocks of the body's cartilage tissue, and they play a vital role in ensuring the flexibility and durability of the body's cartilage. MSM (methylsulfonyl-methane) provides the body with sulphur, which can be found in the structural proteins of the joints and cartilage. N-acetyl-D-glucosamine is a chemical rel-

ative of glucosamine, chondroitin and hyaluronic acid, and it can be found in the body's cartilage and connective tissue. It also has anti-inflammation properties. Hyaluronic acid can be found in synovial fluid, where it helps lubricate joints and make them elastic. Vitamin C is a water-soluble vitamin and a vital antioxidant for the metabolism of different tissues, and it also serves as a catalyst for the production of the collagen found in the body's cartilage, tendons and connective tissue.

Instructions & dosage

Horses: 1 measure/day
Ponies: ½ measure/day
1 measure = 20 ml (about 15 g)

A daily dose of 15 g contains:

Glucosamine HCl	7500 mg
MSM	3000 mg
Chondroitin sulphate	3000 mg
N-acetyl-D-glucosamine	750 mg
Hyaluronic acid	113 mg
Collagen	47 mg
Vitamin C (3a300)	563 mg

Hooves, joints, bones



Stress, nervous system

Black Horse Premium

Stressless

900 g



- MAGNESIUM & TRYPTOPHAN
- NERVOUS SYSTEM
- MUSCLES

Black Horse Premium Stressless

Special supplementary feed for alleviating stress reactions in horses.

Stressless has been designed for horses who are subjected to very strenuous training and racing activities. It provides them with the magnesium they need and helps with the production of serotonin, a stress-relieving hormone. Tryptophan is a crucial amino acid that is required for the production of proteins. In addition, it is also used to create serotonin, which serves as a tissue hormone and neurotransmitter. In the brain, serotonin affects e.g. the animal's mood and alertness. B vitamins help maintain the functionality of the nervous system,

and they are vital for the brain as well, as they are needed in the production of e.g. serotonin. Magnesium is an especially important mineral for the nervous system, heart and muscles, and it also serves as a building block for bones and teeth. Magnesium participates in numerous enzyme production processes in the body, helps regulate cell metabolism, and also soothes the nervous system. Magnesium deficiency can result in muscle and nervous control dysfunctions (muscle cramps/tremors, nervous/overreacting behaviour).

Stressless is suitable for all horses that are sensitive to various stressors (competitions, transport) as well as for moderating general nervous behaviour.

Instructions & dosage

Horses 30–50 g/day
Ponies 15–25 g/day
Provided in 2–4-week regimens,
minimum duration 7 days.

A daily dose of 30 g contains:

Magnesium	3900 mg
L-Tryptophan	1740 mg
Choline	300 mg
Vitamin B1	150 mg
Niacin	150 mg
Vitamin B6	99 mg
Vitamin B12	0.12 mg



Amino-Booster

900 g



- MUSCLES**
- TRAINING/COMPETITION**
- AMINO ACIDS**

Black Horse Premium Amino-Booster

Supplementary feed that contains the vitamins, minerals, micronutrients and proteins that the body's muscles need. This product has been designed for use from the onset of a strenuous training regimen and in the racing season. When your horse is training hard, it will need more proteins (amino acids) as its muscle mass grows and its metabolism accelerates.

A deficient supply of amino acids can cause problems in muscle development and e.g. in the production of haemoglobin. With **Amino-Booster**, you can improve the amino acid composition of your horse's feed without having to increase the total amount of protein used.

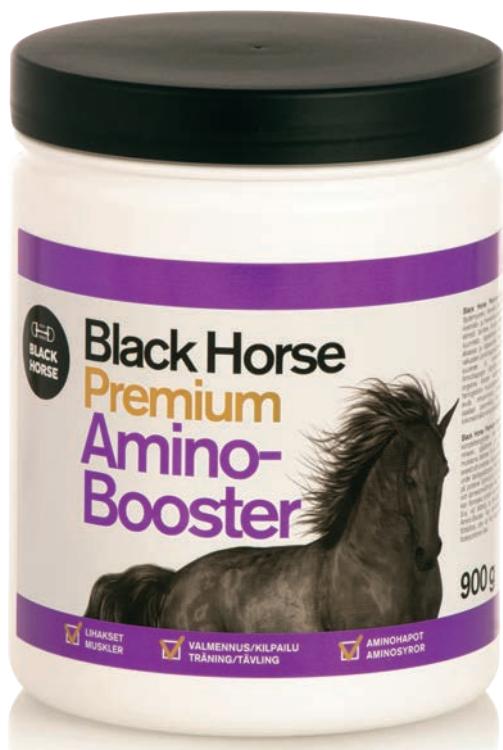
Instructions & dosage

Racehorses 30 g per day for two weeks, after which 15 g per day. Provide in four-week regimens at minimum. Daily dose should be divided between two feeding times.

A daily dose of 30 g contains:

DL-Methionine	300 mg
L-Lysine	252 mg
L-Threonine	49.5 mg
L-Carnitine	998 mg
Zinc	79.5 mg
Manganese	48 mg
Iron	33 mg
Copper	24.6 mg
Iodine	0.42 mg
Molybdenum	0.12 mg
Selenium	0.09 mg

Also contains these vitamins:
A, D3, E, choline, C, niacin, B6, B12,
pantothenic acid, B2, K3, B1, folic
acid, biotin



Muscles



Yeast Booster

1.6 kg



- INTESTINAL DYSFUNCTION
- LIVE YEAST
- MOS

Black Horse Premium Yeast Booster

Special supplementary feed for horses – stabilises physiological digestion.

Yeast Booster contains mannan-oligosaccharides (MOS), which help maintain the health of the intestinal bacterial strain. These yeast cell wall fibres promote the vitality of useful intestinal bacteria and ignore any harmful bacteria. MOS can bind any harmful substances found in feed and thus promote the removal of these and any harmful bacteria from the intestines. Mannan-oligosaccharides also affect the small masses of lymphatic tissue in the small intestine (Peyer's patches), which form part of the body's defence system. As a result, the amount of IgA antibodies in the intestines is increased.

Live yeast (*Saccharomyces cerevisiae*), on the other hand, promotes the creation of microbes that benefit the large intestine and helps break down fibre. For racehorses that are fed large quantities of feed concentrate (that contain a great deal of starch), the addition of live yeast to their feed helps balance the changes in acidity (pH) in their large intestine. Brewer's yeast (*Saccharomyces cerevisiae*) is a versatile and natural source of B vitamins. In addition to these vitamins, it also contains useful amino acids and intestine-friendly inactivated yeasts that helps promote the wellbeing of microfauna together with the B vitamins. Selenium is required for muscle function and development. **Yeast Booster** is suitable for horses whose intestines make poor use of feed and in periods when a horse's intestinal functions are at risk (transportation, changes in feed, recovering animals).

Instructions & dosage

Horses 20–25 g per day For the prevention of digestive disorders, both during and after, recommended use period 4 weeks. Daily dose should be divided between two feeding times. Mix with feed. Smaller doses can be used during the introductory phase.

A daily dose of 25 g contains:

Mannan-oligosaccharides (MOS)	12.5 g
Live yeast (<i>Saccharomyces cerevisiae</i>)	$6 \cdot 10^{10}$ PMY
Selenium (organic)	0.05 mg
Brewer's yeast (<i>Saccharomyces cerevisiae</i>)	



MyGastro

2.7 kg



- MUCOUS MEMBRANE
- GASTRIC ACIDS
- CELL MEMBRANES

Black Horse Premium MyGastro

is a supplementary feed that, when combined with your horse's breed-specific diet, helps maintain normal stomach activity and acid balance.

Pressure to the abdominal cavity caused by exercise can lift acids to the upper part of the stomach. This can result in gastric irritation, which can cause behavioural changes and decreased performance.

In addition, feeds with high carbohydrate contents, small/rare doses of coarse fodder, irregular daily rhythms, long-term pain medicine regimens, transportation and other situations that are stressful to the horse can weaken their gastrointestinal defence mechanisms.

Instructions & dosage

Mix **MyGastro** with water, around 2 dl of water / 1 measure (30 g), let swell and mix into a thick gel. Can be served as-is or mixed in feed. Daily dose should be divided between two feeding times, morning & night. Second dose can also be served before practice, transport, etc. Recommended serving period: around one month.

Continuous/ periodic feeding is also possible. In such cases, depending on the health of the animal, the dose can be reduced even by half.

Dosage

Horse	3 measures/day (90 g)
Pony (depending on size)	1–2 measures/day (30–60 g)

Package includes measuring cup (50 ml=30 g)



Black Horse Premium

Carragen

1 kg



RESPIRATORY TRACT



NATURAL



TRADITIONAL

Black Horse Premium Carragen

The jelly that is made from **Carragen** can be used to treat congestion caused by dusty feed, bedding or poor stable air conditions.

Carragen absorbs a great deal of water, and the resulting jelly can have a positive effect on the health of your horse's respiratory tract.

Instructions & dosage

Place around 50 g (around 1 dl) of Carragen in e.g. a two-litre container and mix with one litre of water. Heat up mixture while stirring occasionally. Carragen jelly can also be prepared by placing the required amount of Carragen in a container and pouring hot water on top. Let the mixture stand for the rest of the day until it attains a jelly-like consistency. Divide the resulting daily dose in two and mix with your feed morning and night.

For a 1-month regimen, the following dosages are recommended:

Week 1	50 g / day
Week 2	80 g / day
Weeks 3 and 4	30–50 g / day

Carragen jelly can be stored for a few days in a cool place or refrigerator, so larger amounts can be prepared in advance for several days at a time. If necessary, after a one-month regimen, continue with a half-dose regimen. One kilogram of Carragen will last around two weeks.

Natural product



Black Horse Premium

C-Garlic

600 g



- RESPIRATORY TRACT
- RESILIENCE
- NATURAL



Black Horse Premium C-Garlic

Supplementary horse feed containing vitamin C and garlic.

Garlic is one of the most well-known seasonings in the world. Garlic has traditionally been used in horse feed to support the health and resilience of the equine respiratory tract. Garlic contains chemicals compounds that help protect cells and are believed to promote the body's immune system. Vitamin C is an antioxidant that protects cells from the harmful oxidation caused by free radicals. **C-Garlic** is recommended for supporting your horse's immune system and respiratory well-being.

C-Max

900 g



- RESILIENCE
- IRON ABSORPTION
- ANTIOXIDANT



Black Horse Premium C-Max

Supplementary horse feed rich with vitamin C.

Vitamin C, or ascorbic acid, is a water-soluble vitamin that serves as the body's main antioxidant. It helps protect cells from the harmful oxidation caused by free radicals. Vitamin C participates in the creation of collagen, promotes the absorption of iron, and helps the nervous system function normally. Vitamin C also helps alleviate fatigue and exhaustion. Vitamin C helps the body's immune system function normally even during and after periods of heavy strain. **C-max** supports the body's immune system during periods of heavy strain and changes in locations, even during convalescence periods.

Instructions & dosage

Horses 20 g/day.
Mix with feed. Use in fixed-duration regimens.

A daily dose of 20 g contains:

Vitamin C	198 mg
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Instructions & dosage

Racehorses 2–5 g/day
Foals and ponies 2–3 g/day

A daily dose of 3 g contains:

Vitamin C	2970 mg
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Black Horse Premium

ADE-liq

1 litre



RESILIENCE

BONES AND MUSCLES

WINTER SEASON

Black Horse Premium

ADE-liq

Liquid supplementary horse feed containing vitamins A, D, and E as well as selenium. Can be used all year round, but is recommended especially during longer indoor feeding periods, when the vitamin content of coarse fodder is reduced.

Vitamin A helps maintain the normal functionality of the skin and mucous membrane, and it also supports the immune system. It is also vital for your animal's eyesight.

The purpose of vitamin D₃ is to help regulate the body's calcium and phosphorus balance. Vitamin E plays a crucial role in the functionality of the muscles and the maintenance of the immune system, and, as an antioxidant, it also helps protect cells from oxidation.

Instructions & dosage

WEEKLY DOSE

depending on other feeding regimen:
Horses: 4–10 ml / week

Foals (weaned):
4–7 ml / week

Nutritional additives/ml

Vitamin A	10,000 IU/IE/ml
Vitamin D ₃	5,000 IU/IE/ml
Vitamin E (all-rac-alpha-tocopherol acetate) (3a700)	30 mg/ml*
Niacinamide	10 mg/ml
Selenium (sodium selenite)	0.01 mg/ml



*1 mg all-rac-alpha-tocopherol acetate
= 1 IU

B-liq
1 litre **MUSCLES** **NERVOUS SYSTEM** **SKIN/COAT****Black Horse Premium
B-liq**

Liquid supplementary horse feed containing the most important B vitamins.

Instructions & dosage

Horses: 10–15 ml / day

Foals: 6–10 ml / day

Nutritional additives/ml

Choline chloride	130 mg/ml
Niacinamide	30 mg/ml
D-panthenol	10 mg/ml
Vitamin B1	3 mg/ml
Vitamin B2	4 mg/ml
Vitamin B6	5 mg/ml
Vitamin B12	20 mcg/ml
Biotin	50 mcg/ml

B vitamins are crucial for the functionality of the muscle and nervous system and the metabolism of lipids and proteins. They also promote the health of your animal's skin, coat and mucous membrane.

B vitamins are particularly necessary during periods of shedding, heavy work/competition, illness or stressful situations (transportation, changes in feeding).

**E-liq**

1 litre

 **MUSCLES** **CELL PROTECTION** **RESILIENCE****Black Horse Premium
E-liq**

Liquid supplementary horse feed containing vitamin E and selenium. Vitamin E is vital for your horse's muscle functions, haemoglobin production and immune system. Selenium helps support the functions of vitamin E.

Horses that are subjected to especially heavy training regimens/competitions as well as stud horses require additional amounts of vitamin E. In addition, diets that are rich in lipids also increase your animal's need for vitamin E.

Instructions & dosage**WEEKLY DOSE 25 ml**

depending on other feeding regimen. Weekly dose can also be divided into daily doses.

Nutritional additives/ml

Vitamin E*	75 mg/ml
Selenium (sodium selenite)	0.02 mg/ml

*1 mg all-rac-alpha-tocopherol acetate = 1 IU

**Muscles, nervous system, skin****Muscles, cell protection**

Versatile

Black Horse Premium

MULTI-liq

1 litre



VERSATILE

FOR USE ALL YEAR ROUND

Black Horse Premium

MULTI-liq

Liquid supplementary horse feed containing several vitamins, supports general health and performance.

MULTI-liq contains the right number and amount of vitamins that your horse needs the most. Thanks to its versatile composition, this product provides your horse with the vitamins it needs in every season and situation.



Instructions & dosage

DAILY DOSE

depending on other feeding regimen:
Horses: 4–10 ml / day
Foals (weaned):
4–7 ml / day

Nutritional additives/ml

Vitamin A	8,000 IU/IE/ml
Vitamin D3	800 IU/IE/ml
Vitamin E	30 mg/ml*
Vitamin B1	3 mg/ml
Vitamin B2	3 mg/ml
Vitamin B6	3 mg/ml
Vitamin B12	0.01 mg/ml
Vitamin K3	2 mg/ml
D-pantthenol	9 mg/ml
Niacinamide	20 mg/ml

*1 mg all-rac-alpha-tocopherol acetate
= 1 IU

01/2020

