

**Pure nature, extreme conditions,
exclusive quality.**



For healthier horses – since 1982

Black Horse has been a Finnish forerunner in equine nutrition since 1982. Our idea from the beginning has been to develop and manufacture quality products to promote the health and wellbeing of horses. And that is exactly what we do also today.

Black Horse – reliable Finnish products for comprehensive feeding and care – for both horse enthusiasts and professionals.

In Finland the energy content is given as metabolisable energy (the unit is MJ, and the numerical value is lower than given as digestible energy).



20 kg

Black Horse Balance – *balance without oats!*

Black Horse Balance is a complementary feed without oats for horses and ponies. Balance is given as a supplement with normal hay feed. Thanks to its versatile and balanced composition, it is suitable for all kinds of horses as the exclusive concentrate feed, especially for horses to whom the oat feed is not preferable.

Composition:

barley, wheat, beet pulp, wheat middlings, grass meal, molasses, vegetable oil, linseed expeller, soya meal, calcium carbonate, rapeseed, premix, sodium chloride, monocalcium phosphate, magnesium oxide

Nutrients:

Dry matter88,6%
Crude protein 12,0 %
Crude ash..... 7,0 %
Crude fats6,0 %
Crude fibre6,0 %
Calcium..... 0,7 %
Phosphorus 0,5 %
Sodium0,7 %
Magnesium0,3 %
Lysine0,7 %
Metabolisable energy 13,1 MJ/kg dm
also contains vitamins, trace elements .

Recommended dosing:

Horses in intense work 3 – 5 kg/day
Horses in medium work 2 - 3 kg/day
Ponies (depending on size and intensity of work)0,5 - 2 kg/day
Mares
At the late pregnancy (9-11 months)..... *1 - 3 kg/day
Lactating mares..... *2 - 4 kg/day
Young growing horses *1,5 - 2,5 kg/day
*Protein supplement is recommended

Weight per litre appr. 700 g



20 kg

Black Horse Classic+ – *feed for horses and ponies in medium or intensive work!*

Black Horse Classic+ is a complementary feed low in sugar and starch for horses and ponies. Classic is given as a supplement with normal hay feed. Thanks to its versatile and balanced composition, it is suitable for horses as the exclusive concentrate feed. Classic+ contains MOS (mannan-oligosaccharide). MOS binds the harmful bacteria of the intestinal tract reducing the colonization on the gut wall. MOS is able to stimulate the growth and activity of beneficial bacteria in the intestinal tract.

Composition:

oats, beet pulp, wheat bran, oat bran, grass meal, vegetable oil, molasses, yeasts(MOS), rapeseed, premix, calcium carbonate, sodium chloride, monocalcium phosphate, magnesium oxide

Nutrients:

Dry matter.....88,5 %
Crude protein11,0 %
Crude ash.....8,0 %
Crude fats 6,2 %
Crude fibre 10,5 %
Calcium..... 0,8 %
Phosphorus 0,5 %
Sodium0,4 %
Magnesium 0,4 %
Lysine0,4 %
Metabolisable energy 10,6 MJ/kg dm
Starch 12,8 %
Sugar 3,8 %
also contains vitamins, trace elements

Recommended dosing:

Horses in intense work 3 - 5 kg/day
Horses in medium work 2 - 3 kg/day
Ponies (depending on size and intensity of work)0,5 - 2,5 kg/day
Mares
At the late pregnancy (9-11 months) *1,5 - 2,5 kg/day
Lactating mares..... *2,0 - 3,0 kg/day
Young growing horses *1,5 - 2,5 kg/day
* extra mineral / protein if needed

Weight per litre appr. 650 g



20 kg

Black Horse Booster – *together with oats!*

Black Horse Booster is a complementary feed for sports horses designed to oat-based feeding. Thanks to its balanced composition, Booster is suitable for sports horses to use with oats in a 50:50 ratio, no separate mineral supplement required. The versatile addition of vitamins and trace elements ensures their adequate intake even under demanding conditions. Booster is also suitable for individuals for whom the oat feed is not preferable, the amount of use depends on the amount of other nutrition and the level of work the horse is performing.

Composition:

barley, wheat, beet pulp, grass meal, wheat bran, vegetable oil, molasses, soya meal, calcium carbonate, linseed expeller, sodium chloride, magnesium oxide, monocalcium phosphate, premix, L-lysine

Nutrients:

Dry matter.....89,0 %
Crude protein11,3 %
Crude ash..... 11,0 %
Crude fats6,0 %
Crude fibre6,9 %
Calcium.....1,5 %
Phosphorus 0,5 %
Sodium0,9 %
Magnesium 0,8 %
Lysine 0,5 %
Metabolisable energy 12,4 MJ/kg dm
also contains vitamins, trace elements .

Recommended dosing:

Sport horses Oats kg/day Booster kg/day
Intense work 2 - 2,5 2 - 2,5
Medium work 1,5 1,5
Light work 1,0 1,0

Weight per litre appr. 700 g



20 kg

Black Horse Sportpower – high performance horses!

Black Horse Sportpower is a specially designed for competitive horses. The product contains digestible fibers and energy-rich fat. Fibers offers many nutritional benefits. The microbes in the horse's hindgut can easily ferment and use it for energy production. Fat has a positive influence on performance, it helps horses to spare muscle glycogen.

Composition:

oats, beet pulp, barley, wheat, grass meal, molasses, vegetable oil, soya meal, rapeseed, calcium carbonate, sodium chloride, monocalcium phosphate, premix, magnesium oxide

Nutrients:

Dry matter.....88,6%
Crude protein 12,0 %
Crude ash.....7,3 %
Crude fats6,7 %
Crude fibre 8,3 %
Calcium.....0,77 %
Phosphorus0,4 %
Sodium0,4 %
Magnesium 0,3 %
Lysine 0,5 %
Threonine.....0,4 %
Methionine 0,2 %
Metabolisable energy 12,8 MJ/kg dm
also contains vitamins, trace elements.

Recommended dosing:

Sporthorses
Intense work 3 - 5 kg/day
Medium work, light work 2 - 3 kg/day
Ponies (depending on size and intensity of work)0,5 - 2 kg/day

Weight per litre appr. 700 g



20 kg

Black Horse Breeder – protein supplement!

Black Horse Breeder is a protein supplement with added value amino acids lysine and methionine. Protein is a vital requirement for all horses, the demand is greatest for the growing horses and the late trimester/lactating mares.

Roughages are important components of horse's diet. They can vary extremely in their protein content. Breeder is also suitable for meet protein needs of all horses if for example its content of roughages is low.

Composition:

soya meal, beet pulp, grass meal, wheat, oats, rapeseed, amino acids, calcium carbonate, linseed expeller, vegetable oil, sodium chloride, calcium sodium phosphate, premix, sodium carbonate

Nutrients:

Dry matter.....89,7%
Crude protein30,0 %
Crude ash..... 12,3 %
Crude fats5,0 %
Crude fibre7,5 %
Calcium.....2,3 %
Phosphorus0,65 %
Sodium0,9 %
Magnesium0,24 %
Lysine5,0 %
Methionine0,4 %
Threonine.....1,0 %
Metabolisable energy12,9 MJ/kg dm
also contains vitamins, trace elements .

Dosage recommendation

depending on other feeding:

Sporthorses 0,25 kg/day
Mares
At the late pregnancy (9-11 months)0,5 kg/day
Lactating mares..... 0,5 – 1,0 kg/day
Foals.....0,5 kg/day

Weight per litre appr. 700 g



20 kg

Black Horse Greenmix – tasty green pellets!

Black Horse Greenmix is a pelleted mixture of hay for horses and ponies. With Greenmix you can replace part of the daily hay/ haylage, while adding taste in the feed at the same time. Because of soft texture of pellets, Greenmix is also suitable during recovery and for older horses. Contain different hay and pasture varieties, but no alfalfa.

Composition:

pelletized grass meal 100 %

Nutrients:

Dry matter.....90 %
Crude protein 13 %
Crude ash..... 8,5 %
Crude fats 3 %
Crude fibre27 %
Metabolisable energy9,4 MJ/kg dm

There may be a slight variation in nutritional values in different batches.

Recommended dosing:

1-3 kg /day
Before feeding swell the pellets with clean water

Weight per litre appr. 600 g



Black Horse Harmony mix – muesli feed for horses and ponies!

Black Horse Harmony mix is a balanced muesli feed for horses and ponies. Due to its balanced composition the product can be given as a supplement to hay for feeding. It is especially beneficial if oat is not suitable for the horse. Harmony mix complementary feed contains minerals and trace elements as well as vitamins and therefore separate minerals are not needed.

Composition:

steam cooked barley, steam cooked wheat, corn flakes, apple pomace, beet pulp, grass meal, flax cake, vegetable oil (rapeseed oil), herb mixture (basil, rosemary, fennel, peppermint, nettle), carrot pellets, molasses, premix, seaweed, sodium chloride, calcium carbonate, mono calcium phosphate, magnesium oxide

Nutrients:

Moisture7,6 %
Ash.....4,6 %
Crude protein 11,5 %
Crude fat..... 5,0 %
Crude fibre.....9,6 %
Sodium.....0,2 %
Calcium0,6 %
Phosphorus0,4 %
Magnesium.....0,2 %
Metabolizable energy 11,5 MJ/kg dm
Starch.....29,0 %
Sugar.....4,0 %
also contains vitamins, trace elements etc.

Black Horse Harmony mix is used as a supplement to normal hay feed. The feed can be used dry or moistened. The amount fed should be adjusted according to the size of the horse and the work load. The daily amount should be divided into several feeds.

Recommended dosing:

Horses in hard work..... 3 – 5 kg/day
Horses in medium work 2 - 3 kg/day
Ponies..... 1 – 2 kg/day

Weight per litre appr. 550 g.



Black Horse Mash – porridge ingredients!

Black Horse Mash is a feed supplement for adult horses and ponies. Black Horse Mash is suitable for racing horses recovering from a demanding performance, for convalescents and, due to its easy chewability, as energy feed for older horses. Black Horse Mash makes the feed more balanced and tasty. It can also be used to supplement or substitute a part of the concentrated feed serving size.

Composition:

wheat bran, steam cooked barley, corn flakes, flax cake, apple pomace, grass meal, beet pulp, vegetable oil (rapeseed oil), herb mixture (basil, rosemary, fennel, peppermint, nettle), calcium carbonate, pre-mix, seaweed, sodium chloride, mono calcium phosphate, magnesium oxide

Nutrients:

| | |
|------------------------------|---------------|
| Moisture | 12,0 % |
| Ash | 6,0 % |
| Crude protein | 13,0 % |
| Crude fats..... | 4,0 % |
| Crude fibre..... | 9,4 % |
| Sodium..... | 0,1 % |
| Calcium | 0,75 % |
| Phosphorus..... | 0,5 % |
| Magnesium..... | 0,3 % |
| Metabolizable energy | 12,3 MJ/kg dm |
| Starch and sugar total | 19,0 % |

also contains vitamins, trace elements etc.

Black Horse Mash is used as a complement to normal concentrated feed or as a substitute for a part of the concentrated feed (grain, industrial feed). Let it expand in warm water (no boiling needed). Mixing proportion: 1 litre MASH and at least 1.5–2 litres of water, let the mixture expand for appr. 15 minutes, mix well and give as lukewarm mush or as a runny mixture.

Normal amount as a feed complement: horses 0.5 kg/day, ponies (depending on size) appr. half of the amount given to horses.

If given as the sole concentrated feed: horses appr. 2 kg/day, ponies (depending on the size) appr. half of the amount given to horses. Make sure that the horse gets supplementary minerals and vitamins in this case. A salt lick should also be kept available for the horse.

Weight per litre appr. 500 g.

IRON



700 g, 3 kg

BH Turborauta (Iron supplement)

The product includes, among others nettle powder, grass meal and seaweed. In the nettle, iron is organically bound and therefore very absorbent. Iron compounds alone are not always enough to raise iron values. Trace elements, primarily copper and vitamins C, B6, B12, vitamin E and folic acid is also needed.

Daily dosage of 20 g incl.:

| | |
|------------------|--------|
| Iron | 500 mg |
| Copper | 20 mg |
| C..... | 900 mg |
| B12 | 0,3 mg |
| B6 | 56 mg |
| E..... | 100 mg |
| Folic acid | 18 mg |

Dosage / day /

horse appr. 500 kg 20 g

Foals 10 g



600 g

BH Premium Ferrimax

Feed containing iron, minerals and vitamins. Iron can be found in the hemoglobin of red blood cells and the myoglobin of muscles. Iron is needed for example in hemoglobin formation, transportation of oxygen and cellular respiration. Iron deficiency can cause anemia. The need for additional iron can occur in horses in which the absorption of iron has been disturbed (for example a disruption in the function of intestines, feeding). With Ferrimax the intake of iron can be assured during the training and competition season of sport horses.

Daily dosage of 10 g incl.:

| | |
|-----------------|---------|
| Iron | 330 mg |
| E..... | 680 mg |
| C..... | 1000 mg |
| B12 | 0,1 mg |
| Folic acid..... | 1 mg |
| B6 | 60 mg |
| Copper | 20 mg |
| Zinc | 20 mg |
| Selenium | 0,1 mg |

Dosage / day /

horse appr. 500 kg 10 g

In regimens.



1 l, 5 l

BH Ferrimax Tonic (liquid iron)

Ferrimax Tonic is liquid feedingstuff that contains iron, copper, and vitamins. It helps to maintain the intake of iron on horses during training and competition seasons. Iron is needed, for example the formation of hemoglobin in the red blood cells, oxygen transport and cell respiration.

Daily dosage of 25 ml incl.:

| | |
|-----------------|--------|
| Iron | 188 mg |
| Copper | 50 mg |
| B1..... | 43 mg |
| B2..... | 25 mg |
| B6 | 18 mg |
| B12 | 0,1 mg |
| Folic acid..... | 15 mg |

Dosage / day /

horse appr. 500 kg ... 25 ml

2-4 weeks regimens.

ELECTROLYTE



1 kg, 4 kg

BH Electrolyte

Electrolytes are needed for the upkeep of the fluid balance and salt balance of the body, they are also important for nerve activity and muscle activity. A horse loses electrolytes especially due to sweating during heavy training/competition/transportation and hot weather. The shortage of electrolytes can cause dysfunction with nerve and muscle activity. Electrolyte helps to recover from dehydration caused by sweating, thus promoting performance and recovery.

Daily dosage of 40 g incl:

Sodium..... 4000 mg
Magnesium1000 mg
Potassium6000 mg
Calcium 2000 mg
Chlorides6200 mg
Iron80 mg
E.....200 mg
C..... 120 mg
B135 mg
Glucose

Dosage / day /

horse appr. 500 kg 40 g



2 kg

BH Premium Electrolyte

Electrolytes are needed for the upkeep of the fluid balance and salt balance of the body, they are also important for nerve activity and muscle activity. A horse loses electrolytes especially due to sweating during heavy training/competition/transportation and hot weather. The shortage of electrolytes can cause dysfunction with nerve and muscle activity. Electrolyte helps to recover from dehydration caused by sweating, thus promoting performance and recovery. It also preserves the animal's desire to drink.

Final feed solution:

Sodium..... 1800 mg/ltr
Potassium..... 825 mg/ltr
Chlorides 1950 mg/ltr
Glucose

Dosage / day / horse appr. 500 kg

25 g / 1 ltr clean water,
mix into feed or serve as is.

A new dilution should be made daily.

1-3 days



1 l

BH Lyyt

Electrolytes are needed for the upkeep of the fluid balance and salt balance of the body, they are also important for nerve activity and muscle activity. A horse loses electrolytes especially due to sweating during heavy training/competition/transportation and hot weather. The shortage of electrolytes can cause dysfunction with nerve and muscle activity. Electrolyte helps to recover from dehydration caused by sweating, thus promoting performance and recovery. It also preserves the animal's desire to drink.

Final feed solution:

Sodium..... 1800 mg/ltr
Potassium..... 825 mg/ltr
Chlorides 1950 mg/ltr
Glucose

Dosage / day / horse appr. 500 kg

1,5 dl / 2 ltr clean water offer as a drink.

A new dilution should be made daily.

1-3 days

When adding complementary feedingstuff to horse's drinking water, horse's willingness to drink must be observed. In some cases a new taste can increase drinking, but in other cases a horse may consider the new taste strange. Therefore to ensure adequate fluid intake, clean water should be available at all times.

SKIN, HOOVES, JOINTS, BONES

BH Biotin



800 g, 3 kg

Hoofs and skin need biotin to stay healthy. But biotin alone is not enough, zinc, silicon and methionine is also needed for the growing of high quality hoofs. A good quality skin also requires the development of these same nutrients.

Daily dosage of 20 g incl:
 Magnesium..... 550 mg
 Biotin.....20 mg
 Zinc.....400 mg
 Silicon840 mg
 DL-Methionine.....2970 mg

Dosage / day /
 horse appr. 500 kg 20 g
 for several months

BH Premium Biomet



600g, 2 kg

Important nutrients for the wellbeing of the hoofs, skin and coat. Biotin is a water-soluble vitamin. It is needed for the wellbeing of the nervous system, skin, mucosa and hoofs. Methionine aids the absorption of biotin. Zinc is an important mineral in the wellbeing of keratin, hair coat and skin. Biomet advances the regeneration of the hoofs and coat.

Daily dosage of 20 g incl:
 DL-Methionine..... 5000 mg
 Zinc.....540 mg
 Biotin.....20 mg

Dosage / day /
 horse appr. 500 kg 20 g
 for several months

Biotin Plus



200 tbl

Biotin promotes skin and coat health and adds shine, reduces the drawbacks of age and increases fertility. Biotin helps to maintain the condition of hoofs and skin.

Daily dosage of 6 tbl incl:
 Biotin.....30 mg
 DL-Methionine 150 mg
 Zinc.....30 mg
 Manganese..... 9 mg

Dosage / day /
 horse appr. 500 kg 4-6 tbl

Biotiinipelletti (Biotin pellets)



3 kg

Biotin is important nutrient for the wellbeing of the hoofs and coat. It is a watersoluble vitamin and essential for keratin synthesis. Hoofs takes several months to regrow (growing from the coronary band downwards). So it is important to continue to add biotin to the diet over several months.

Daily dosage 90 g incl:
 Biotin.....27 mg

Dosage / day /
 horse appr. 500 kg 90 g

BH Zn



1 kg, 4 kg

Versatile complementary feed for horses, which contains zinc, copper, manganese and iron. The product can be used coat and skin wellbeing as well as achieving adequate hemoglobin value of the blood. Trace elements affect the absorption of iron, lack of them may be the reason of low blood iron values. Deficiency symptoms are also poor coat, difficult to heal wounds, skin itching, licking and general fatigue.

Daily dosage of 20 g incl:
 Zinc500 mg
 Iron400 mg
 Manganese400 mg
 Copper 125 mg
 Silicon 700 mg

Dosage / day /
 horse appr. 500 kg 20 g

BH Ca



900 g, 3,5 kg

The most important thing in mineral feeding is amount and ratio of calcium and phosphorus. Feeding rich in grain contains often plenty of phosphorous and therefore the need for calcium grows. Magnesium is a building material for the bones and assists in muscular function and energy production. Silicon is needed for the development of bones and joints, and it is also important for the wellbeing of skin.

Daily dosage of 30 g incl:
 Calcium.....6000 mg
 Magnesium..... 5000 mg
 Silicon2100 mg

Dosage / day /
 horse appr. 500 kg 30 g

BH Premium Piimax



2,1 kg, 7 kg

Piimax contain calcium, magnesium and diatomite. It is designed to support the growth and development of bones, joints and hoofs. Calcium is a structural component for the bones. Silicon is needed for the development of bones and joints, and it is also important for the wellbeing of skin. Magnesium is a building material for the bones and assists in muscular function and energy production. Vitamin C takes part in the formation of connective tissue (joints) and it works as an antioxidant protecting the body from oxidation.

Daily dosage of 35 g incl:
 Magnesium..... 7000 mg
 Silicon4550 mg
 Calcium 2800 mg
 C.....70 mg

Dosage / day /
 horse appr. 500 kg35 g

BH Premium Cartivet + MSM



900 g

To maintain the normal mobility of joints. Glucosamine and chondroitin sulfate are the building blocks of the cartilage tissue. MSM can be found in the structural protein of joints and cartilage. Collagen is the structural protein of the connective tissue and the bones. The body produces collagen by itself, but with aging the production decreases. Cartivet + msm suits especially for horses under intensive training, whose joints are under a lot of stress, and to senior horses whose mobility is limited.

Daily dosage of 30 g incl:
 MSM 15 000 mg
 Glucosamine5 100 mg
 Chondroitin sulfate..2 430 mg
 Collagen51 mg
 D3 1 200 IU
 E 150 mg
 Biotin0,18 mg
 C.....900 mg
 Methionine..... 2 400 mg

Dosage / day /
 horse appr. 500 kg 30 g
 foals and ponies 15 g

Recommended to use at least a month

BH Premium Cartivet



900 g

To maintain normal mobility of the joints. Exercise in itself is important for joints because it helps preserve the structural and mechanical qualities of the articular cartilage. Cartivet contains glucosamine, chondroitin sulfate, vitamins and methionine. The intake of these ingredients from nutrition supports the wellbeing of joints and articular cartilage. Cartivet can be given to all horses and ponies, but it especially suits those under a lot of strain, and those of older age.

Daily dosage of 30 g incl:
 Glucosamine..... 1 110 mg
 Chondroitin942 mg
 D3..... 1 200 IU
 E 150 mg
 Biotin.....0,18 mg
 C.....900 mg
 Methionine..... 2 400 mg

Dosage / day /
 horse appr. 500 kg 30 g
 foals and ponies 15 g

Recommended to use at least a month

MSM powder



600 g, 4 kg

Methylsulfonylmethane (MSM) powder is especially recommended for horses suffering from stiffness of muscles, it also maintains normal functioning of joints and tendons. MSM contains sulfur in an easily exploitable form. The horse's body needs sulfur to form collagen, glucosamine and chondroitin, which are all components of cartilage tissue.

MSM 100 %

Dosage / day /
 horse appr. 500 kg
 15 - 30 g

Lypromax caps.



72 caps., 360 caps.

Lypromax is from green-lipped mussel extract, to promote wellbeing of joints and joint surfaces. It contains unique eicosatetraenoic acids (ETA). ETA's reduce the production of prostaglandins in cells. The inflammatory reaction caused by prostaglandins may cause pain in joints and muscles. The ETA's together with other Omega-3 essential fatty acids (EPA/DHA) also promote the wellbeing of skin and coat.

New Zealand green-lipped mussel extract (*Perna Canaliculus*)

EPA/DHA.....4.03 g
 ETA 48 mg

Dosage / day / horse appr. 500 kg
 4 capsules / day for 10 days,
 then can be reduced to 2 caps /day.
 Recommended to be given at least 8-12 week

STRESS, NERVOUS SYSTEM



1 kg, 4 kg

Mg B12

Magnesium and B group vitamins are important for the function of nervous system and muscle. Magnesium is added in two different forms, oxide and citrate, in this product. Product is developed to ensure sufficient intake of magnesium and for horses that are sensitive for different stressors (competition, transport).

Daily dosage of 40 g incl:

Magnesium (oxide, citrate)..... 10 000 mg
Niacin..... 290 mg
B1..... 100 mg
B6 40 mg
B12 5 mg

Dosage / day /

horse appr. 500 kg 40 g



900 g

BH Premium Stressless

To ensure sufficient intake of magnesium, and to maintain production of mind calming serotonin. Tryptophan is amino acid, it is also a precursor of serotonin. B-vitamins maintain the function of the nervous system. They are also needed in serotonin production. Magnesium is an important mineral especially for the nervous system and the muscles, it also calming effect. Stressless is designed for horses that are sensitive for different stressors (competition, transport), and on all horses during overall nervousness.

Daily dosage of 40 g incl:

Magnesium..... 3900 mg
L-Tryptophan 1740 mg
Choline..... 300 g
B1..... 150 mg
Niacin..... 150 mg
B6 99 mg
B12 4 µg

Dosage / day /

horse appr. 500 kg 30-50 g
ponies..... 15-25 g

Recommended to use in 2-4 week regimens, minimum for 7 days.



700 g, 3,5 kg

BH Oluthiiva (Brewer's yeast)

Product contains plenty of B vitamins and proteins needed by horse. Brewer's yeast can be used to maintain the appetite and weight of the horse, to support general fitness and performance. The product is suitable for daily supplementary feed for horses of all ages.

Daily dosage of 50 g incl:

B1..... 100 mg
B2..... 20 mg
B6 1,25 mg

Dosage / day /

horse appr. 500 kg 30-50 g
foals..... 20-30 g

STOMACH AND GUT



1,6 kg

BH Premium Yeast Booster

Mannan-oligosaccharides (MOS) maintains the wellbeing of the bacterial flora of the intestines. MOS is also capable of binding the adverse substances in feed. Live yeast assists in the generation of beneficial microorganisms, and promotes the digestion of fiber. Brewer's yeast support the wellbeing of microorganisms. Yeast booster is suitable for horses with problems with feed conversion, and during periods when the activity of the intestines is endangered.

MOS

Brewers' yeast
Live yeast (*saccharomyces cerevisiae*) 2,4*10¹² GFU/ kg
Selenium (organic) 2 mg/kg

Dosage / day /

horse appr. 500 kg 20-25 g



1 kg, 5 kg

Biobak

Lactic bacteria maintain digestive activity. Use of lactic acid bacteria is always beneficial. Especially in digestive dysfunctions, under stress situations, competition, training and transport. Lactic acid bacteria adhere to the surface of microvilli and prevent, in cooperation with the intestinal mucosa, the growth of harmful bacteria and their adhesion to the intestinal surface.

Enterococcus faecium
7,2 10¹¹ pmy/kg

Dosage / day / horse appr. 500 kg
8 tablespoon during 3-4 days.

For bacterial regeneration, add a bit of water and leave the mixture in a room temperature for few hours before feeding.



1 kg, 7 kg

MILKA Klauberkal suola/ salt

Klauberkal salt can be mixed with feed if the animal's appetite is normal. If the animal does not eat normally, it is best to give the salt as an aqueous solution.

- 1) As an purgative agent in case of sudden diarrhea.
- 2) As an purgative agent in case of constipation.
- 3) Enhance the appetite.

Sodium sulfate
Sodium bicarbonate
Sodium chloride
Potassium chloride

Dosage / day / horse appr. 500 kg

- 1800 g
2).....300-800 g /day
315-50 g /day

Foals

- 1-
220-200 g /day
3-



1 l, 5 l

Paraffiniöljy (Paraffin oil)

Paraffin oil for veterinarians.



10 kg

BH Pellavarouhe (Crushed linseed)

Crushed linseed contains mucin, which maintains intestinal function and supports the growth of beneficial microbes. Linseed contains linoleic and linolenic acid, which are important for the normal condition of the skin and coat. Crushed linseed is also suitable for add the fat and protein content of horse feeding.

Linseed expeller

Dosage / day / horse appr. 500 kg
max.....600 g

Swelling in warm water.



9 kg

Hippolax

Pelleted feed for intestinal and respiratory wellbeing. Made of high quality, very digestible ingredients. Forms a gel-like protective film for stomach and intestines, and promotes the sand removal from the gut.

Linseed expeller
Beet pulp
Garlic
Grass meal
Carrots
Diatomaceous earth

Dosage / day /

- horse appr. 500 kg200-300 g
Ponies 150-200 g
Small ponies 100 - 150 g

Swelling in warm water.



900 g, 3 kg

Psyllium

Psyllium husk is a soluble fiber. Product contains only Psyllium husk in the form of powder to support digestive function in horses. Psyllium assists in the control of colic due to sand in the colon. Horses that graze sandy pastures and horses that are prone to digestive upset may benefit from Psyllium supplementation.

Psyllium husk
(Plantago Ovata)

Dosage / day /

- Horses..... 40 g /2,0 liter water
Foals25 g /1,5 liter water
Ponies30 g /1,5 liter water
divided into two feeding
(morning/evening)

MUSCLES



900 g

BH Premium Amino-Booster

The product is designed to be used from beginning of intense training to end of racing period. Intense training increases the need for protein (amino acids), as muscle mass increases and metabolism accelerates. The insufficient intake of amino acids can cause problems in muscle development and for example in the formation of haemoglobin. With Amino-Booster the amino acid composition of the feed is enhanced without increasing the protein quantity.

Daily dosage of 30 g incl:

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 rich in Vitamins A, D3, E, Choline, C,
 Niacin, B6, B12, Pantothenic acid, B2, K3,
 B1, Folic acid, Biotin

Dosage / day / horse appr. 500 kg

Racing horses 30 g / day for two weeks,
 followed by 15 g / day.

In 4 weeks regimens



800 g, 3,5 kg

BH E

The need of vitamin E for intensive training horses is believed to be multiple compared to the needs of other horses. The high amino acid content of the product with vitamin E helps to build muscle mass during the training period. Magnesium is needed for muscle and nervous functions. Suitable in preparing to breeding season for stallions and mares too.

Daily dosage of 40 g incl:

E 2000 mg
 Magnesium 4800 mg
 L-Lysine 4100 mg
 DL-Methionine 2600 mg

Dosage / day /

horse appr. 500 kg 40 g
 foals 10-20 g



4 kg

BH Malto

Malto is an energy booster and helps recovery for intense training /competition horses. Maltodextrin is a polysaccharide that contains many glucose molecules linked together. It is derived from corn starch and is flavor-free. Maltodextrin a complex carbohydrate. Carbohydrates work energy source for heavy performance. They also help restore by filling body glycogen reserves.

Maltodextrin
 Metabolisable
 energy 16,15 MJ/kg

Dosage

1-2 dl a few hour before intense training/
 competition and 1-2 hours after

RESPIRATORY TRACT, GENERAL CONDITION



600 g

BH Premium C-Garlic

Garlic is one of the most well known herbs. Garlic has traditionally been used in the feeding of horses to support the wellbeing of the horse's respiratory system, and to help the immune system. Vitamin C is an antioxidant that protects the cells from the harmful oxidation caused by free radicals.

Daily dosage 20 g incl:

C 198 mg

Dosage / day /

horse appr. 500 kg 20 g

In regimens.



5 kg

BH Valkosipuli (Garlic)

Garlic is one of the most well known herbs. Garlic has traditionally been used in the feeding of horses to support the wellbeing of the horse's respiratory system, and to help the immune system.

Natural product
 Garlic 100 %

Dosage / day /

horse appr. 500 kg 20-25 g



1 kg

BH Premium Carragen

The coagulate made from Carragen can be used to help with congestion that is caused by dusty feed or bad air in the stable. Carragen absorbs a lot of water, and the coagulate formed might promote the well-being of the horse's respiratory system.

Natural product

Dosage / day /

horse appr. 500 kg
1. week50 g/day
2. week80 g/day
3. and 4. week.....30-50 g /day



6 kg

BH Energiarae (Energy grain)

Besides carbohydrates, fats play the most important role in the provision of energy since they are its richest source. Part of the daily energy needs of a horse can be replaced by energy-rich vegetable fat. Energiarae is valuable energy source, it does not contain starch, carbohydrates or proteins. It is recommended as an energy booster for competition sports, to prevent premature exhaustion. As energy source for too thin and horses of older age, also breeding mares and stallions during the mating season.

Vegetable fat

Metabolisable

energy 32,6 MJ/kg

Dosage / day /

Horses in intense work appr. 250 g
Stallions during mating season appr. 250 g
Mares at the late pregnancy appr. 125 g
Lactating mares appr. 250 g
Horses in medium work appr. 50 - 75 g

OILS



1,5 l

MILKA Kalanmaksajly (Cod liver oil)

Cod liver oil is a traditional product in horse feeding. Oil contains plenty of fatty acids, vitamins A and D. Support the wellbeing of the skin and coat and ensure adequate vitamin A and vitamin D intake during the winter season.

Natural product

Cod liver oil 100 %

A min..... 1200 IU/g

D3 min.....150 IU/g

Dosage / day /

horse appr. 500 kg 15 ml



1,5 l

Omegamax (Salmon oil)

Salmon Oil contains plenty of important omega-3 fatty acids, including EPA and DHA. It is especially recommended for the wellbeing of the joints, skin and coat.

Natural product

Salmon oil 100 %

omega-3 13-15%
of which

EPA 2-3%

DHA 3,5-5%

DPA 1-2%

ALA 4-5%

n-6 13-15%

Dosage / day /

horse appr. 500 kg15-50 ml



10l, 30 l

BH Kasviöljy (Vegetable oil)

Vegetable oil is a good energy source in horse feeding. Vegetable oil does not contain starch, so it is also suitable for horses suffering from muscle problems (eg. muscle stiffness).

Natural product

Coldpressed

vegetable oil 100 %

Metabolisable

energy 32,5 MJ/kg

Dosage / day /

horse appr. 500 kg 3-6 dl



1,5 l, 10 l

BH Pellavansiemenöljy (Linseed oil)

The effect of linseed oil on animal welfare is based on the composition of its fatty acids. Linseed oil contains rich of alpha-linolenic acid (omega-3). The unsaturated fatty acids, alpha linolenic acid (ALA) and linoleic acid (LA) are important for cell membranes and affect positively the condition of the skin and coat.

Linseed oil is also good energy source in horse feeding.

Natural product

Coldpressed

linseed oil 100 %

Metabolisable

energy 32,5 MJ/kg

Dosage / day / horse appr. 500 kg

Skin and coat 2 - 4 tbsp / day

Energy supply2 - 5 dl / day

VITAMINS



900 g

BH Premium C-max

Vitamin C is a water-soluble vitamin that acts as a central antioxidant for the body. It protects the cells from harmful oxidation caused by free radicals. Vitamin C takes part in the formation of collagen, advances the absorption of iron and the normal function of the nervous system.

Daily dosage 3 g incl:
C2700 mg

Dosage / day /
Racehorses..... 2-5 g
Foals and ponies 2-3 g



1 l, 5 l

BH BE-special (liquid vitamin BE)

Liquid feedingstuff, which maintains normal muscle activity and recovery of sports horses. Vitamins B, vitamin E and selenium affect muscle function and energy metabolism. Vitamin E or selenium deficiency may cause muscle damage and weaken performance.

Daily dosage 10 ml incl:
E 300 IU
B130 mg
B230 mg
Niacin 300 mg
B650 mg
B12 0,2 mg
Biotin 0,5 mg
D-Panthenol 100 mg
Selenium0,1 mg

Dosage / day /
horse appr. 500 kg 10-15 ml
foals..... 6-10 ml



3 kg

BH BE-special pellets

Pelletized feedingstuff, which maintains normal muscle activity and recovery of sports horses. Vitamins B, vitamin E and selenium affect muscle function and energy metabolism. Vitamin E or selenium deficiency may cause muscle damage and weaken performance.

Daily dosage 30 g incl:
E 375 mg
B130 mg
B221 mg
B6 10,5 mg
Biotin 1,35 mg
B120,6 mg
Selenium
(Organic selenium) 39 µg

Dosage / day / horse appr. 500 kg
Hard work 60 g (1 dl)
Light work 30 g (1/2 dl)



800 g, 3 kg

BH Vitamin B

Vitamin B supplements combines magnesium, vitamins B1, B2, B6 and B12 and brewer's yeast. It contains the most commonly needed B vitamins needed by the horse for muscle and nervous functions and energy production. It is specially recommended for use with hair loss, intense training and elderly horses. But it is suitable for daily supplementary feed for horses of all ages.

Daily dosage 20 g incl:
Magnesium 3600 mg
Choline200 mg
Niacin 90 mg
B1 90 mg
B285 mg
B6 40 mg
B12 0,3 mg

Dosage / day /
horse appr. 500 kg20 g
foals..... 10 g



1 l, 5 l

BH B-sweet

Vitamin B in tasty form. B-Sweet is recommended to use especially during intense exercise, transport and stressful situations also in shedding season.

Daily dosage 50 ml incl:
B183 mg
B627 mg
B120,18 mg

Dosage / day /
horse appr. 500 kg 50 ml

During shedding season two week regimens.



600 g

BH Vitamin D3

Vitamin D is an essential nutrient required for calcium and phosphorus metabolism. Skin can produce D when it is exposed to sunlight. In the winter, daylight hours are shorter and many horses tend to be blanketed. Therefore, Vitamin D synthesis within the horse's body may be insufficient. The product also is suitable to complete the low levels of vitamin D in feeds (hay).

Daily dosage of 10 g incl:
D3 1000 IU

Dosage / day /
Horses..... 10 g
Ponies 5 g
Breeding mares 15 g

600 g



11,51

MILKA B (liquid vitamin B)

Liquid Vitamin B contains all major group B -vitamins. Group B vitamins are important for the nervous system, so during stressful situations such as traveling and feeding changes it is important to ensure sufficient B vitamin intake.

Daily dosage 10 ml incl:
 Choline 1300 mg
 Niacine 300 mg
 D-Panthenol 100 mg
 B1 30 mg
 B2 40 mg
 B6 50 mg
 B12 0,2 mg
 Biotin 0,5 mg

Dosage / day /
horse appr. 500 kg 10-15 ml



11,51

MILKA ADE (liquid vitamin ADE)

Liquid vitamin ADE contains fat-soluble vitamins, selenium and niacin. Vitamin A protects from infectious diseases by keeping the mucous membranes healthy. Vitamin D3 contributes healthy development of bones. Vitamin E and selenium together contribute to the muscular function.

Weekly dosage 4 ml incl:
 A 40 000 IU
 D3 20 000 IU
 E 120 mg
 Niacin 40 mg
 Selen 0,04 mg

Dosage / week /
horse appr. 500 kg 4-10 ml
foals 4-7 ml

Recommended to divide into two-three day dosage



11,51

MILKA E (liquid vitamin E)

Liquid vitamin E is rich in vitamin E and selenium, which strengthens efficacy of vitamin E. They together contribute to the muscular function.

Weekly dosage 25 ml incl:
 E 1875 mg
 Selenium 0,5 mg

Dosage / week /
horse appr. 500 kg 25 ml



11,51

MILKA Monivitamiiniliuos (liquid multivitamin)

Milka Multi-vitamin solution contains the most important fat-soluble vitamins A, D, E and K, and plenty of B-group vitamins

Daily dosage 4 ml incl:
 A 32 000 ky
 D3 3 200 ky
 E 120 mg
 B1 12 mg
 B2 12 mg
 B6 12 mg
 B12 0,04 mg
 K3 8mg
 Pantothenic acid 36 mg
 Niacin 80 mg

Dosage / day /
horse appr. 500 kg 4-10 ml
foals 4-7 ml

LICK STONES



10 kg

BH Mineraluolukivi (BH mineral lick stone)

Lick stone containing minerals and trace minerals needed by the horse. The mineral lick stone can be placed as a supplement to mineral and trace elements, also mineral source for pasture.

Sodium 14 %
 Calcium 15 %
 Phosphorus 5 %
 Magnesium 2,5 %
 Composition / kg:
 Zinc 4 000 mg
 Manganese 2 000 mg
 Iron 1 400 mg
 Copper 1 100 mg
 Cobalt 80 mg
 Iodine 120 mg
 Selenium 15 mg
 Also contains vitamins A, D3, E,
 biotin

Dosage freely



2 kg

MILKA Kivennäisnuolukivi (mineral lick stone)

Mineral lick stone to complete and ensure sufficient salt and minerals intake.

| | |
|-----------------|-----------|
| Sodium | 38,5 % |
| Calcium | 0,2 % |
| Magnesium | 0,2 % |
| Manganese | 170 mg/kg |
| Zinc | 120 mg/kg |
| Iodine | 50 mg/kg |
| Selenium | 30 mg/kg |
| Cobalt | 20 mg/kg |

Dosagefreely



10 kg

MILKA Nuolukivi (salt lick stone)

Lickstone to complete and ensure sufficient salt intake.

| | |
|--------------|--------|
| Natrium..... | 100 % |
| Sodium..... | 38,5 % |

Dosagefreely

MINERALS



10kg
20 kg

Black Horse Kivennäinen (BH Mineral)

Black Horse Kivennäinen is a basic mineral feed for all horses and ponies. Due to the carefully selected raw materials guarantee the tasty taste of Kivennäinen. It is rich in calcium, with calcium/phosphorus ratio 4,25:1.

Composition:

grass meal, calcium carbonate, oat bran, wheat middlings, beet pulp, monocalcium phosphate, glucose, molasses, premix, sodium chloride, seaweed meal, magnesium oxide, vegetable oil

Nutrients:

| | |
|---------------------|--------|
| Dry matter..... | 92% |
| Crude protein | 7,0 % |
| Crude ash..... | 33,0 % |
| Crude fats | 2,0 % |
| Crude fibre..... | 10,0 % |
| Calcium..... | 8,5 % |
| Phosphorus | 2,0 % |
| Sodium | 1,4 % |
| Magnesium | 1,0 % |
| Lysine | 0,3 % |

| | |
|------------------------|---------------|
| A..... | 62 000 IU /kg |
| D3..... | 10 000 IU/ kg |
| E..... | 4 000 mg/kg |
| Choline | 460 mg/kg |
| B1 | 160 mg/kg |
| B2 | 40 mg/kg |
| Niacin | 40 mg/kg |
| B6 | 20 mg/kg |
| Pantothenic acid | 5 mg/kg |
| Folic acid..... | 2 mg/kg |

| | |
|-----------------|------------|
| B12 | 1 mg/kg |
| Biotin | 5 mg/kg |
| Selenium..... | 3 mg/kg |
| Zinc..... | 875 mg/kg |
| Iron | 750 mg/kg |
| Manganese..... | 575 mg/kg |
| Copper | 200 mg/kg |
| DL-methionine.. | 1124 mg/kg |

Weight per litre appr. 600 g

Dosage recommendation depending on other feeding:

| | |
|----------------------------|-----------------|
| Horses in hard work..... | 250 - 300 g/day |
| Horses in medium work..... | 150 - 200 g/day |
| Ponies..... | 50 - 100 g/day |
| Young horses | 150 - 200 g/day |
| Broodmares..... | 200 - 300 g/day |



4 kg

BH Merilevä (Seaweed)

Seaweed's composition is versatile. It contains a number of nutrients in natural form: amino acids, omega fatty acids, vitamins and minerals. Seaweed is also an excellent source of iodine. Iodine promotes normal functioning of thyroid hormones.

Natural product
Seaweed (Ascophyllum nodosum) 100 %

| | |
|------------------|----------------|
| Calcium..... | 2-5 % |
| Phosphorus | 0,10 % |
| Magnesium | 0,2-0,6 % |
| Sodium | 3 % |
| Iodine | 450-1000 mg/kg |
| Copper..... | 1-20 mg/kg |
| Manganese | 10-50 mg/kg |
| Zinc..... | 40-200 mg/kg |
| Iron..... | 150-1000 mg/kg |

Dosage / day /
horse appr. 500 kg20-50 g

In regimens.

CARE PRODUCTS, LINIMENTS



Ice Gel JÄÄGEEELI (Ice Gel, effective cooling gel for horses)

Easy to use and a powerful cooling gel for strained muscles and joints. Speeds up muscle recovery, reduces swelling and relieves tensions. Recommended to be used also with muscle pains.

Isopropyl alcohol
Menthol
Eucalyptus

Apply gently massaging on muscles, tendons and joints. Effective for 3-6 hours. Wear disposable gloves. Not for broken skin.



2-teholinimentti + MSM (2-power + MSM liniment, gel for horses)

To soothen horse's joints, tendons and muscles after intense exercise. First the cooling components reduce swelling and heat stress. This is followed by the warming and relaxing effect, based on the various essential oils, to release of muscle tension and to remove fluids.

Isopropyl alcohol
Menthol
Camphor
Eucalyptus
MSM

Apply gently massaging on muscles, tendons and joints. Effective for 3-6 hours. Use disposable gloves. Do not use on broken skin.

1 l



Ice Booster Jäälimentti (Ice Booster Liniment, effective cooling gel)

Effective cooling gel for horses. Recommended to be used after training to reduce heat from muscles. Reduces swelling and accelerates muscle recovery. Recommended to be used also with muscle pains.

Menthol
Eucalyptus
Isopropyl alcohol
Glycerin

Apply gently massaging on muscles, tendons and joints. Effective for 3-6 hours. Use disposable gloves. Do not use on broken skin.

500 ml



Valmentajien Treenimentti (Trainer's liniment, gel for horses)

To soothen horse's joints, tendons and muscles after intense exercise. First the cooling components reduce swelling and heat stress. This is followed by the warming and relaxing effect, based on the various essential oils, to release of muscle tension and to remove fluids.

Menthol
Eucalyptus
Capsicum
Isopropyl alcohol

Rub the liniment on horse's muscles and legs. The efficacy can be enhanced by breathable warm wrap. Wear protective gloves. Not for broken skin. Withdrawal period 96 hours (4 days).

1 l



Arnica Linimentti (Arnica liniment, gel for horses)

Suitable for treatment of sore muscles and all kinds of muscle contusions, sprains and strains caused by heavy exercise.

Isopropyl alcohol
Triethanolamine
Arnica
Hamamelis

Rub the liniment on horse's muscles and legs. The efficacy can be enhanced by breathable warm wrap. Wear protective gloves. Not for broken skin.

1 l



BLACK HORSE

Biofarm Oy is a Finnish manufacturer of special feeds and complementary feeds since 1988. We make products for pets, horses and farm animals. Our mission is to develop and manufacture products that maintain and improve the animals' health, wellbeing and living environment.

This brochure is all about horses, old trusted formulas together with new innovative ideas. We hope from this brochure you can find some interesting products that could add to your current product portfolio.

For further information please contact us at biofarm@biofarm.fi



Yrittäjätie 20, 03600 Karkkila, FINLAND

tel +358 9 2252560

biofarm.fi

