

2021

HORSE CATALOG



<u>ANTIBIOTICS</u>		
VETP 12	IVERMECTIN paste for horses <i>Ivermectin</i>	6,42gr
VETP 13	PYRANTEL - paste for horses <i>Pyrantel</i>	30gr
<u>FEED ADDITIVES IN PREMIX</u>		
SK01	EQUINOX CLASSIC	1,5/3Kgr
SK02	EQUINOX SPORT	1,5/3Kgr
SK03	EQUINOX HOOVES	1,5/3Kgr
SK04	EQUINOX MUSCLE	1,5/3Kgr
SK05	EQUINOX ELECTROLYTE	1,5/3Kgr
SK06	EQUINOX JOINT	1,5/3Kgr
SK07	EQUINOX GASTRO	1,5/3Kgr
SK08	EQUINOX GASTRO FOAL	1,5/3Kgr
SK09	EQUINOX REGENERATION	1,5/3Kgr
<u>ORAL VITAMINS/MINERALS SPECIAL</u>		
VET 31	MERRI VIT AD3E <i>Vit A, D3, E</i>	100ml
VET 32	MERRI VIT ATP-B Complex <i>Vit ATP + B</i>	100ml
VET 33	MERRI VIT B12 <i>Vit B12</i>	100ml
VET 34	MERRI VIT B COMPLEX <i>Vit B complex</i>	100ml
VET 36	MERRI VIT E 50 <i>Vit E</i>	100ml
VET 37	MERRI VIT E 50 + SE <i>Vit E + Se</i>	100ml
VET 38	MERRI VIT MULTIVITAMIN <i>Multivitamins</i>	100ml
VET 39	MERRI VIT Synovia HA <i>Hyaluronic Acid + Vitamins</i>	3ml, 6ml, 50ml
<u>OTHER PRODUCTS</u>		
VEE 15	Yeastosol	1 pc
VEE 16	Cerazinc	1 pc
VEE 17	Sweet Itch	1 pc
VEE 03	AMB Clean Spray	500ml
VEE 04	AMB Clean	1 L
VEE 05	AMB Universal spray	400ml
VEE 06	AMB Ceramic spray 2-K	400ml
VEE 07	AMB A Coat	1 L
VEE 08	Hygiene Sealant	290ml
VEE 09	Vented low compression small	1 pc
VEE 10	Vented low compression	1 pc
VEE 11	Vented medium compression	1 pc
VEE 12	Vented high compression	1 pc
VEE 13	Solid low compression	1 pc
VEE 14	Solid medium compression	1 pc
VET 09	HOOF CARE spray	150gr
VET 13	ALU spray	150ml
VET 10-11	HORSE COOLING gel cooling gel	250gr, 500gr
VET 12	HORSE gel with arnica for bruises	250gr
VEE 20	Omnia Verde Horse	30ml
ENZ01	SILVET liquid (for wound)	100/250/500ml

MERRI VIT AD3E (80/40/20)

Complementary feed, sterile product (E. Ph.) of a high quality

Composition: 100 ml of the product contains:

Dietary additive – vitamins: 8 000 000 I.U. vitamin A (retinyl palmitate)
 4 000 000 I.U. vitamin D3 (chole-calciferol)
 2 g vitamin E (α- tocopherol)

Technological additives – Emulsifiers: 91,2 g

Preservatives: 2 g

Properties:

The product is a long-life sterile vitamin solution belonging to the AD3E group. Vitamin A maintains the integrity of cell membranes and the lack of Vitamin A leads to keratosis epitheliums of the digestive tract, the respiratory system and the reproductive system. Moreover, vitamin A is responsible for rhodopsin synthesis; therefore its deficiency causes night-blindness (visual impairment after dusk). It protects also bone growth through osteoblasts. The action of Vitamin D3 involves regulating and improving the transformation of calcium and phosphorus in the body. The influence of Vitamin D3 on the proper dental and skeleton growth in young animals during the growing season is especially significant. In case of Vitamin E, the most important activity is the influence on the antioxidant processes in the body, which is visible in the case of cell membrane stability, mainly if they include unsaturated fatty acids. The additional role of Vitamin E in the product is the stabilization of Vitamin A.

Indications: Vitamin A, D3 and E deficiency in young animals.

Recommendations for use and Dosage:

The product is administered in drinking water for all animal species in dosage:

-Cattle – 10-20 ml of the product daily per animal;

-Calves, fattening pigs, covered sows and farrowing sows – 5-10 ml of the product daily per animal;

-Piglets, dogs, sheep, goats – 1-2ml of the product daily per animal;

-Poultry – 2,5 ml per 10 liter of drinking water (100 ml of the mixture per 400 liter of water).

Special precautions for storage and transportation: Store below 25°C in a dry and dark place.

Special Precautions For the Disposal of Unused Product or Waste Materials Derived from the Use of Such Products:

Do not empty into drains or with the household waste. The current legal regulations should be observed. This will help protect the environment.

Expiry date and batch number: Manufacture date is batch number as well; Batch number and expiry date are on package.

MERRI VIT B COMPLEX

Premix, sterile product (E. Ph.) of a high quality

Composition:

100 ml of the product contains:

Dietary additive – vitamins:

Quantity	EUR-Lex	Vitamin
10g of vitamin	3a820	B1 (thiamine HCl)
1g of vitamin	3a	B2 (riboflavin -Na)
1g of vitamin	3a831	B6 (pyridoxine hydrochloride)
20mg of vitamin	3a	B12 (cyanocobalamin)
25g of vitamin	3a315	PP (nicotinamid adenosine triphosphate (ATP))
2,5g		

Carrier – water (moisture content – 60,48g).

Properties: The product is a long-life sterile solution of ATP and vitamins from the group B.

ATP is a biological fuel for the organism. Vitamins from the group B contained in the product play a very important role in the metabolism of carbohydrates, fats and proteins. They are also necessary for the proper functioning of the nervous system, muscle and epithelial tissues.

Indications: Fatigue, convalescence, weak growth in young animals, intolerance of transport, travel disturbances, poor health in racing horses and leaping horses.

Recommendations for use and Dosage: The product is administered in drinking water for all animal species in dosage:

cattle, horses – 20-30 ml of the product daily per animal for 4-5 days; during transport: apply 20 ml 4 hours before transport; **calves, foals**– 4-10 ml of the product daily per animal every 24 hours; **fattening pigs, cowered sows and farrowing sows**- 5-10 ml of the product daily per animal every 24-48 hours; **piglets, dogs, sheep, goats** – 5 ml of the product daily per animal; poultry – 2,5 ml per 10 liter of drinking water (100 ml of the mixture per 400 liter of water).

NOTE: Do not apply more than four times with 24-hour intervals.

Special precautions for storage and transportation: Store below 25°C in a dry and dark place. Protect from the light.

Special Precautions for the Disposal of Unused Product or Waste Materials Derived from the Use of Such Products: Do not empty into drains or with the household waste. The current legal regulations should be observed. This will help protect the environment.

Expiry date and batch number: Manufacture date is batch number as well; Batch number and expiry date are on package.

MERRI VIT B12

Premix

Composition: 1 ml of the product contains: (3a) cyanocobalamin (vitamin B12) 500µg, water (moisture content).

Type of packaging: PET bottle with cap of 100 ml.

Properties and action: The product is a long-life sterile solution of vitamin B12. The vitamin contained in the product play a very important role in the metabolism of carbohydrates, fats and proteins. They are also necessary for the proper functioning of the nervous system, muscle and epithelial tissues. Deficiencies of vitamin B12 in animals give the original symptoms arising mainly as a result of the disturbances in the synthesis of nucleic acids and porphyrins, in the transformation of propionic acid in glucose and metabolism of lipids, proteins and cell membranes. Disorders in nucleic acid synthesis and porphyrin lead to anemia, increase white blood cells of multi-piece nucleus and enlarge lymphocytes with leukopenia. The disorder of nucleic acid synthesis reflects clearly the reduction or disappearance of the proliferation of epithelial cells of the gastrointestinal tract, which leads to the present alternating constipation and diarrhea problems. The participation of vitamin B12 in the transformation of propionic acid in ruminants is very important. Disorder of alternation of propionic acid into glucose results decreased milk production, decreased weight increments, and emaciation. In cattle, this condition can occur as a result of fore stomach microflora disorders (diet change, use of antibiotic ionophores) and high production at the same time. In addition, the protective cobalamin performs the function of the liver protection; it stimulates pancreatic and pituitary secretion.

Indications: The preparation shall be applied in the case of vitamins B12 deficiency, especially in the period of intense growth and development and during the treatment with antibiotics.

Recommendations for use and Dosage: The product is administered in drinking water for all animal species in dosage: **cattle, horses** – 2-5 ml of the product daily per animal; calves, foals– 1-3 ml of the product daily per animal; **fattening pigs, covered sows and farrowing sows, piglets, dogs, sheep, goats** – 0,5-1,5 ml of the product daily per animal; poultry – 2,5 ml per 10 liter of drinking water (100 ml of the mixture per 400 liter of water).

Recommendations for the proper use: SHAKE BEFORE USE. Read the label to ensure proper use of the product.

MERRI VIT E+ SELENIUM

Complementary feed, sterile product (E. Ph.) of a high quality

Composition: 100 ml of the product contains:

Dietary additive – vitamins: 5,00g of vitamin E (α -tocopherol)

– trace elements: 0,02g selenium

Technological additives – emulsifiers: 30,50g

Carrier – water (moisture content – 64,45g).

Properties: The product is a long-life sterile solution of vitamin E and selenium. The main activity of vitamin E is its influence on antioxidant processes in the organism. It concerns especially the cell membranes stability in the case when they contain unsaturated fatty acids.

Indications: This preparation shall be administered especially in young animals in case of deficiency of vitamin E and selenium, which cause dystrophy of skeletal muscle, myocardial degeneration and liver necrosis in piglets.

Recommendations for use and Dosage: The product is administered in drinking water for all animal species in dosage:

-**Horses** – 10 ml of the product daily per animal;

-**Lambs, calves, foals, piglets** – 2ml/10kg of body weight;

-**Pigs, sheep**– 1ml/10kg of body weight;

- **Poultry** – 2,5 ml per 10 liter of drinking water (100 ml of the mixture per 400 liter of water).

Special precautions for storage and transportation: Store below 25°C in a dry and dark place. Protect from the light.

Special Precautions for the Disposal of Unused Product or Waste Materials Derived from the Use of Such Products:

Do not empty into drains or with the household waste. The current legal regulations should be observed. This will help protect the environment.

Expiry date and batch number: Manufacture date is batch number as well; Batch number and expiry date are on package.

MERRI VIT MINERAL

Complementary feed for cattle, horses, pigs and sheep

Composition: 100 ml of the product contains:

Feed materials: Calcium Gluconate (11.1.13), magnesium hypophosphite (11.3.21), magnesium chloride (11.2.6), potassium chloride (11.5.1), boric acid.

Feed additives: dietary supplements - trace elements (3b): 1.0 g potassium iodide E2, 0.7 mg zinc E6 (in the form of zinc chloride), 30.9 mg iron E1 (in the form of iron sulphate), 4.4 mg cobalt acetate (3b301); technological additives - preservatives (1a): 1 butanol.

Analytical components:

Sodium	- 0 g,
Magnesium	- 1.3 g,
Phosphorus	- 1.6 g,
Calcium	- 1.9 g,
Potassium	- 0.3g,
Chlorine	- 0.1g,
Lysine	- 0 g,
Methionine	- 0 g,
Crude protein	- 0%,
Crude oils and fats	- 0%,
Crude ash	- 0%,
crude fiber	- 0%.

Media - water (moisture content: 78.3 g).

Properties and action: The preparation is a balanced salt solution, recommended for use in horses, cattle, sheep and pigs in disease states, resulting from deficiency of phosphorus, calcium, potassium, magnesium and trace elements: iodine, zinc and cobalt.

Indications: The preparation is used adjunctively in horses, cattle, sheep and pigs in disease states, resulting from the deficiency of phosphorus, calcium, potassium, magnesium, sodium and trace elements: iodine, zinc and cobalt. It activates enzymes, hormones, vitamins, cellular metabolism, regulates ion composition and osmotic pressure. The product acts as an auxiliary in disorders in the development and functioning of bone tissue, resulting from mineral deficiencies.

Dosage and route of administration: The preparation is used in drinking water in the amount of 1 ml / 5-10 kg bw:

-Cattle, horses: 10 20 ml / animal;

-Calves, sheep, pigs: 5-10 ml / animal.

Administer the solution at room temperature slowly, not in one place above 5 ml.

MERRI VIT MULTIVITAMIN

Premix, sterile product (E. Ph.) of a high quality

Composition: 100 ml of the product contains:

Dietary additive – vitamins: 1,53Mln I.U. of vitamin A (retinylpalmitate)
120 000 I.U. of vitamin D3 (cholecalciferol)
0,40g of vitamin E (α- tocopherol)
2,50g of vitamin B1 (thiamine HCl)
0,21g of vitamin B2 (riboflavin -Na)
0,30g of vitamin B5 (calcium pantothenate)
0,125g of vitamin B6 (pyridoxine hydrochloride)
1,25g of vitamin PP (nicotinamide)
0,20g of vitamin C (ascorbic acid)

Technological additives – preservatives: 0,126g
– Emulsifiers: 30,50g

Carrier – water (moisture content – 66,50g).

Properties: The product is a long-life sterile solution of vitamins from the group B. Vitamins contained in the product play a very important role in the metabolism of carbohydrates, fats and proteins. They are also necessary for the proper functioning of the nervous system, muscle and epithelial tissues.

Indications: The preparation shall be applied in the case of vitamins B deficiency, in the period of intense growth and development, in the nervous system disorders, as well as in the case of the reduction in hatching indicators, feather disorders, cannibalism, and during the treatment with antibiotics and different types of stressful situations.

Recommendations for use and Dosage: The product is administered in drinking water for all animal species in dosage:

- Horses** – 10 ml of the product daily per animal;
- Lambs, calves, foals, piglets** – 2ml/10kg of body weight;
- Pigs, sheep**– 1ml/10kg of body weight;
- **Poultry** – 2,5 ml per 10 liter of drinking water (100 ml of the mixture per 400 liter of water).

Special precautions for storage and transportation: Store below 25°C in a dry and dark place. Protect from the light.

Special Precautions for the Disposal of Unused Product or Waste Materials Derived from the Use of Such Products: Do not empty into drains or with the household waste. The current legal regulations should be observed. This will help protect the environment.

Expiry date and batch number: Manufacture date is batch number as well; Batch number and expiry date are on package.

MERRI VIT HA

Steril complementary feed for horses, dogs and cats of a high quality

Composition: 1 ml of a product contains: Feed materials: Sodium hyaluronate, di-sodium hydrogen phosphate 12H₂O (11.3.11), sodium di-hydrogen phosphate (11.3.10), sodium chloride (11.4.1).

Analytical components: sodium – 3,5 mg, magnesium – 0 g, phosphorus – 57 µg, calcium – 0 g, lysine – 0 g, methionine – 0 g, crude protein – 0%, oils and crude fats – 0%, crude ash – 0%, crude fiber – 0%. **Carrier** – water up to 1,0g.

Properties: The substance contained in the product - Sodium hyaluronate is recognized as beneficial in the treatment of acute and chronic arthrosis, polyarthritis, sub-acute and chronic arthritis, acute bursitis.

Dosage and the administration route: Large animals (horses):

As a supplement in the treatment of diseases of arthrosis, the oral dosage is: 2-3 ml/joint, depending on the size of the joint. In the application of 3-7 doses, 5 days interval between doses is recommended. In the application of 5-9 doses, 7 days interval between doses is recommended; As a supplement in the treatment of diseases of sinews, the oral dosage is: 1-2 ml/ sinew, in exceptional situations 2-3 doses and dose intervals: 14 (7-21). Small animals (dogs, cats):

Doses should be proportionally lower in comparison to weight, which is about 1/3 to 1/2 the amount used.

Recommendations for the proper use: For the proper administration of the product, follow the information contained in this label.

Special precautions for storage and transportation: Store below 25°C

Expiry date and batch number: 2 years from the manufacture date. The batch number is also the manufacture date, on the immediate packaging

HORSE COOLING gel

Composition: Menthol, marigold extract, filler.

Recommendations: Cooling and relaxing gel with natural ingredients. Regenerates and relaxes the muscles, tendons and ligaments.

Application: In the case of fresh injuries of muscles, tendons and joints, such as bruises, strains, sprains. Gel should be rubbed thoroughly and gently into the skin of limbs, while massaging an animal. You can also use it after a long and heavy training or competition. Place the imposition of a gel bandage.

Withdrawal period: Not applicable.

Storage Conditions: Store in original container out of reach of children.

Packaging: 250g, 500g.

HORSE gel with Arnica

For bruises for horses

Composition: Contains arnica extract.

Recommendations: The gel has Antiseptic and anti-inflammatory properties, seals the capillary wall, promotes absorption of effusions reducing swelling and pain.

Application: Gel should be rubbed thoroughly and gently into the skin of Limbs, while massaging an animal place the Imposition gel bandage. Use the space contusions.

Withdrawal period: Not applicable.

Storage Conditions: Store in original container out of reach of children.

Packaging: 250g, 500g.

ALU spray

Wound care preparation

Composition: Aluminum 2.4 g, excipients up to 100 g.

Action: The micronized aluminum has protective, and antibacterial effect on wounds. It also increases the contraction of the edges of wounds, and accelerates the healing process. Indications: accidental and postoperative injuries.

Indication: random and postoperative wounds.

Application: Cleaned and disinfected wound should be covered a thin layer of aluminum from a distance of about 30 cm. Use 1-2 times a day. During the application protect eyes from the contact with spray. NOTE: Shake well before use. After use, turn the packaging upside down and briefly press the spray head so as not to allow drying up of the substance.

Packaging: 150 ml spray.

Expiry date: 2 years from the date of manufacture.

Storage: Keep at the temperatures of 10°C–25°C, according to the rules for packaging under pressure.

HOOF CARE spray

Preparation for hoof care

Properties and action: Measure to the spray with the possibility of topical application of a modern preparation for hoof care. The active substance - tar - pervades the dissolving agent directly into the upper layers of the epidermis, over which instantly creates a film of plastic.

This increases substantially topical preparation compared with the current, traditional technique for dressings and accelerates the healing process. Produced a protective layer protects the bear before the humidity and external influences and allows the skin to breathe.

Composition: Film-forming substance and the substance of coal tar (tar) in a 1:1 ratio.

Indications: Skin abrasions surface defects hooves, bulb rot corneum, the strut surface, the current hoof care, strengthen the hoof dressings, bandages covering.

Dosage: Apply by spraying from a distance of 15-20 cm in such a way that the substance has not dripping. When hoof care, most appropriate to produce 2-3 layers. Each next layer is applied after a thorough, previous drying.

NOTE: After use, turn pack and briefly press the spray head so as not to allow drying of the substance.

Packaging: 150 ml spray.

Durability: 2 years from date of manufacture.

Storage: At a temperature of 10-25°C in accordance with the rules for the packages under pressure.

HORSE NUTRITIONAL SUPPLEMENTS



EQUINOX CLASSIC

Equinox Classic, supplementary feed additive, is a product based on the unique *Yarrowia lipolytica* yeast. Thanks to its high bioavailability of nutrients, Equinox Classic replenishes mineral deficiencies and enriches the organism with exogenous aminoacids. It also presents prebiotic properties, thanks to which it inhibits disorders in digestion. The presence of the B-group vitamin complex, zinc and unsaturated fatty acids strengthens the immunity and increases the quality of hair and hoof horn.

COMPOSITION:

Feed materials: *Yarrowia lipolytica* yeast, calcium carbonate, dried apple

Feed additives: sodium selenate, fruit aroma

SUGGESTED USE: horses of all ages

DOSING: 8g/100kg bwt daily (40g/horse of 500kg daily)

NUTRITIONAL VALUES	VITAMINS
Crude protein 37%	Vitamin E (alpha-tocopherol acetate) 14 mg/kg
Crude fat 5,4%	Vitamin B2 (riboflavin) 23 mg/kg
Crude fibre 6,2%	Vitamin B3 (nicotinamide) 141 mg/kg
Dry matter 95%	Vitamin B5 (pantothenic acid) 69 mg/kg
Ash 13%	Vitamin B7 (biotin) 1435 µg/kg
MACROELEMENTS	Vitamin B9 (folic acid) 1239 µg/kg
Calcium 40 g/kg	Vitamin B12 (cyanocobalamin) 5,6 µg/kg
Phosphorus 13,6 g/kg	BIOACTIVE SUBSTANCES
Magnesium 1,2 g/kg	Kynurenic acid 2,35 µg/kg
Sodium 10,3 g/kg	Alpha-ketoglutarate 14,7 g/kg
MICROELEMENTS	Citrulline malate 17,5 g/kg
Iron 85 mg/kg	Coenzyme Q10 86 mg/kg
Copper 19,4 mg/kg	AMINO ACIDS
Zinc 164 mg/kg	Lysine 16,2 g/kg
Manganese 7,4 mg/kg	Methionine 4,7 g/kg
Selenium 45 mg/kg	Treonine 9,7 g/kg
	Cystine 3,6 g/kg
	Serine 7,1 g/kg
	Proline 9,5 g/kg
	Glycine 11,7 g/kg
	Allanine 18,5 g/kg
	Valeline 13,8 g/kg
	Leucine 16,7 g/kg
	Isoleucine 11,6 g/kg
	Tyrosine 20,7 g/kg
	Phenylalanine 9,7 g/kg
	Histidine 5,2 g/kg
	Arginine 10,6 g/kg
	Aspartic acid 21,2 g/kg
	Glutamic acid 29,1 g/

EQUINOX SPORT

Equinox Sport is a product dedicated to equestrian horses. It is a special combination of biologically active substances from the unique *Yarrowia lipolytica* yeast and the addition of antioxidants. During increased workload, it improves performance and stamina and promotes fast regeneration of muscle fibers. The addition of bioactive substances, such as citrulline malate facilitates the production of nitric oxide during exercises, expanding blood vessels in the muscle tissue. It allows to increase the oxygen, creatine and nutrients supply to muscle cells, significantly reducing muscle pain, improving aerobic capacity and muscle strength, as well as removing lactic acid and ammonia.

COMPOSITION

Feed materials: *Yarrowia lipolytica* yeast, dried apple, calcium carbonate.

Feed additives: Vitamin E (alpha-tocopheryl acetate), vitamin C (L-ascorbic acid), sodium selenite, fruit aroma.

SUGGESTED USE: equestrian horses

DOSING: 8 g/100kg bwt daily (40g/horse of 500kg daily) biologically active substances from the unique *Yarrowia lipolytica* yeast and the addition of antioxidants. During increased workload, it improves performance and stamina and promotes fast regeneration of muscle fibers. The addition of bioactive substances, such as citrulline malate facilitates the production of nitric oxide during exercises, expanding blood vessels in the muscle tissue. It allows to increase the oxygen, creatine and nutrients supply to muscle cells, significantly reducing muscle pain, improving aerobic capacity and muscle strength, as well as removing lactic acid and ammonia.

COMPOSITION

Feed materials: *Yarrowia lipolytica* yeast, dried apple, calcium carbonate.

Feed additives: Vitamin E (alpha-tocopheryl acetate), vitamin C (L-ascorbic acid), sodium selenite, fruit aroma.

NUTRITIONAL VALUES	MACROELEMENTS
Crude protein 35%	Calcium 32,0 g/kg
Crude fat 10%	Phosphorus 13,6 g/kg
Crude fibre 6%	Magnesium 1,2 g/kg
Dry matter 95%	Sodium 10,3 g/kg
Ash 15%	MICROELEMENTS
VITAMINS	Iron 84,7 mg/kg
Vitamin E (α -tocopherol acetate) 25 014 mg/kg	Copper 19,4 mg/kg
Vitamin C (L-ascorbic acid) 10 057 mg/kg	Manganese 7,4 mg/kg
Vitamin B2 (riboflavin) 23,1 mg/kg	Zinc 164 mg/kg
Vitamin B3 (nicotinamide) 140,7 mg/kg	Selenium 45 mg/kg
Vitamin B5 (pantothenic acid) 68,9 mg/kg	BIOACTIVE SUBSTANCES
Vitamin B9 (folic acid) 1435 μ g/kg	kynurenic acid 2,3 μ g/kg
Witamina B9 (kwas foliowy) 1239 μ g/kg	Alpha-ketoglutarate 14,7 g/kg
Vitamin B12 (cyanocobalamin) 5,6 μ g/kg	Citrulline malate 17,5 g/kg
	Coenzyme Q10 86 mg/kg

EQUINOX HOOVES

EQUINOX HOOVES, complementary feed additive, enriched with biotin, zinc, copper, magnesium and manganese, is intended for horses with hoof problems. The product supports regular growth of healthy hoof horn, protects against wall cracking and strengthens and nourishes the whole hoof. The addition of vitamin C and purple coneflower (*Echinacea purpurea*) with anti-inflammatory properties reduces the risk of infection within the hoof and prevents the hoof frog from rotting. The addition of buckwheat improves blood circulation within the hoof.

COMPOSITION: Feed materials: *Yarrowia lipolytica* yeast, dried apple, calcium carbonate, linseed oil, magnesium chelate, buckwheat. **Feed additives:** biotin, zinc chelate, purple coneflower (*Echinacea purpurea*), vitamin C (L-ascorbic acid), copper chelate, manganese chelate, sodium selenite, fruit aroma.

SUGGESTED USE: horses with weak hoof horn.

DOSING: 10g/100kg bwt daily (50g/horse of 500kg daily).

NUTRITIONAL VALUES	MACROELEMENTS
Crude protein 26%	Calcium 25,73 g/kg
Crude fat 8,6%	Phosphorus 9 750 mg/kg
Crude fibre 1,5%	Magnesium 1 585 mg/kg
Dry matter 95%	Sodium 7 350 mg/kg
Ash 22%	MICROELEMENTS
VITAMINS	Iron 60,5 mg/kg
Vitamin E (α-tocopherol acetate) 10,05 mg/kg	Copper 2 413 mg/kg
Vitamin C (L-ascorbic acid) 15 962 mg/kg	Zinc 12 117 mg/kg
Vitamin B2 (riboflavin) 16,5 mg/kg	Iodine <0,10 mg/kg
Vitamin B3 (nicotinamide) 100,5 mg/kg	Manganese 1 765 mg/kg
Vitamin B5 (pantothenic acid) 49,25 mg/kg	Selenium 4,5 mg/kg
Vitamin B7 (biotin) 1 441 mg/kg	BIOACTIVE SUBSTANCES
Vitamin B9 (folic acid) 885 µg/kg	Kynurenic acid 1,67 µg/kg
Vitamin B12 (cyanocobalamin) 4,1 µg/kg	Alpha-ketoglutarate 10,5 g/kg
AMINO ACIDS	Citrulline malate 12,5 g/kg
Lysine 11,5 g/kg	Coenzyme Q10 62,3 g/kg
Methionine 3,2 g/kg	
Treonine 6,9 g/kg	
Cystine 2,5 g/kg	
Serine 5,1 g/kg	
Proline 6,8 g/kg	
Glycine 8,3 g/kg	
Allanine 13,2 g/kg	
Valley 9,8 g/kg	
Leucine 12,0 g/kg	
Isoleucine 8,3 g/kg	
Tyrosine 14,8 g/kg	
Phenylalanine 7,0 g/kg	
Histidine 3,7 g/kg	
Arginine 7,5 g/kg	
Aspartic acid 15,1 g/kg	
Glutamic acid 20,8 g/kg	

EQUINOX MUSCLE

EQUINOX MUSCLE, supplementary feed additive, enriched with magnesium, manganese and rice bran, rich in gamma-oryzanol, supports the development of muscle mass and the functioning of the entire muscle apparatus. *Yarrowia lipolytica* betaglacans and mannans strongly stimulate the immune system. The addition of vitamin E and spirulina shortens the period of muscle regeneration after training, and a full range of protein amino acids supports proper muscle building. Hawthorn increases the supply of oxidised blood to the muscle system.

COMPOSITION-Feed materials: *Yarrowia lipolytica* yeast, rice bran, magnesium chelate, calcium carbonate, spirulina, hawthorn.

Feed additives: vitamin E (alpha-tocopheryl acetate), manganese chelate, sodium selenite, fruit aroma.

SUGGESTED USE: Horses with muscle problems.

DOSING 8g/100kg bwt daily (40g/horse of 500kg daily).

NUTRITIONAL VALUES	VITAMINS
Crude protein 37%	Vitamin E (α -tocopherol acetate) 25 016 mg/kg
Crude fat 5,5%	Vitamin B2 (riboflavin) 25,6 mg/kg
Crude fibre 1,0%	Vitamin B3 (nicotinamide) 134,8 mg/kg
Dry matter 95%	Vitamin B5 (pantothenic acid) 64 mg/kg
Crude ash 17,5%	Vitamin B7 (biotin) 1 332,5 μ g/kg
MACROELEMENTS	Vitamin B9 (folic acid) 1 150,5 μ g/kg
Calcium 24,7 g/kg	Vitamin B12 (cyanocobalamin) 65,2 μ g/kg
Magnesium 11,6 g/kg	FATTY ACIDS
Phosphorus 12,9 g/kg	Omega-3 fatty acids 2 g/kg
Sodium 9,8 g/kg	Omega-6 fatty acids 16 g/kg
Potassium 14 g/kg	Omega-9 fatty acids 24 g/kg
Chlorides 9,3 g/kg	BIOACTIVE SUBSTANCES
MICROELEMENTS	Kynurenic acid 2,35 μ g/kg
Iron 123,6 mg/kg	Alpha-ketoglutarate 14,7 g/kg
Copper 18,4 mg/kg	Citrulline malate 17,5 g/kg
Manganese 2,2 g/kg	Coenzyme Q10 80 mg/kg
Zinc 153,7 mg/kg	AMINO ACIDS
Selenium 40 mg/kg	Lysine 15,9 g/kg
	Methionine 4,6 g/kg
	Cystine 3,3 g/kg
	Serine 7,6 g/kg
	Proline 9,6 g/kg
	Glycine 20,8 g/kg
	Allanine 18,6 g/kg
	Valeline 14,0 g/kg
	Leucine 17,1 g/kg
	Isoleucine 11,8 g/kg
	Tyrosine 20,1 g/kg
	Phenylalanine 9,8 g/kg
	Histidine 5,2 g/kg
	Arginine 11,0 g/kg
	Aspartic acid 21,5 g/kg
	Glutamic acid 29,8 g/kg

EQUINOX ELECTROLYTE

EQUINOX ELECTROLYTE replenishes lost electrolytes and effectively reduces the risk of dehydration. The preparation is based on the unique *Yarrowia lipolytica* yeast, with the addition of valuable electrolytes, vitamins and glucose. Organic forms of minerals in the form of valuable yeast biocomplexes are more easily consumed, transported and absorbed in the digestive tract. The active substances of the preparation support the condition of the body and rapid regeneration after intensive exercise.

COMPOSITION -Feed materials: *Yarrowia lipolytica* yeast, *Yarrowia lipolytica* yeast with selenium, calcium carbonate, sodium chloride, potassium chloride, magnesium chelate, glucose.

Feed additives: vitamin E (alpha-tocopheryl acetate), vitamin C (L-ascorbic acid), fruit aroma.

SUGGESTED USE: horses in periods of increased physical activity, competitions, intensive training, transport and convalescence.

DOSING: 20g/100kg bwt daily (100g/horse of 500kg daily) as a supplement to concentrated feed or water.

ANALYSICAL COMPOSITIONS FOR	MICROELEMENTS
FEED MIXTURES, IN 1 KG	Copper 13,85 mg/kg
Crude protein 26,15%	Selenium 25 mg/kg
Carbohydrates including glucose 16,7%	Zinc 117,5 mg/kg
Carbohydrates including glucose 2,65%	Manganese 5,3 mg/kg
Crude fat 4,65%	Iron 60,6 mg/kg
Crude 47,5%	VITAMINS
MACROELEMENTS	Vitamin C (L-ascorbic acid) 10 000 mg/kg
Calcium 20,06 g/kg	Vitamin E (alpha-tocopherol) 20 000 mg/kg
Phosphorus 9,57 g/kg	Vitamin B2 (riboflavin) 16,5 mg/kg
Magnesium 10,00 g/kg	Vitamin B3 (nicotinamide) 100,5 mg/kg
Sodium 60,00 g/kg	Vitamin B4 (choline) 2400 mg/kg
Potassium 80,00 g/kg	Vitamin B5 (pantothenic acid) 49,25 mg/kg
Chlorides 167,66 g/kg	Vitamin B7 (biotin) 1025 µg/kg
	Vitamin B9 (folic acid) 885 µg/kg
	Vitamin B12 (cyanocobalamin) 4 µg/kg

EQUINOX JOINT

EQUINOX JOINTS is a unique composition supporting the osteoarticular system and preventing degenerative changes. Thanks to a high bioavailability of nutrients, it quickly compensates mineral deficiencies and enriches the body with amino acids that play an important role in the reconstruction and regeneration of joint cartilage. The active ingredients participate in type I and II collagen synthesis. Additionally, chondroitin stimulates the production of proteoglycans of joint cartilage, thus supporting its regeneration whilst glucosamine increases the production of synovia.

COMPOSITION-Feed materials: *Yarrowia lipolytica* yeast, fatty acid ethyl esters, calcium carbonate, chondroitin sulphate, glucosamine sulphate, MSM (organic sulphur).

Feed additives: vitamin C (L-ascorbic acid), zinc chelate, copper chelate, manganese chelate, L-glutamine, L-proline, L-arginine, L-arginine, copper chelate, manganese chelate, L-glutamine, L-glutamine, L-arginine, MSM (organic sulphur).

Feed additive: vitamin C (L-ascorbic acid), zinc chelate, copper chelate, manganese chelate, L-glutamine, L-proline, L-arginine.

SUGGESTED USE Horses with problems in musculo-skeletal system.

NUTRITIONAL VALUES	MICROELEMENTS
Crude protein 34%	Copper 2419 mg/kg
Crude fat 14%	Zinc 12165 mg/kg
Crude fibre 0,8%	Manganese 1767 mg/kg
Dry matter 91%	Iron 84,70 mg/kg
Ash 22%	AMINO ACIDS
VITAMINS	Glutamic acid 34,07 g/kg
Vitamin C (L-ascorbic acid) 5000 mg/kg	Arginine 20,47 g/kg
Vitamin B2 (riboflavin) 23,1 mg/kg	Proline 11,50 g/kg
Vitamin B3 (nicotinamide) 140,7 mg/kg	Aspartic acid 21,21 g/kg
Vitamin B4 (choline) 3360 mg/kg	Lysine 16,17 g/kg
Vitamin B5 (pantothenic acid) 68,95 mg/kg	Methionine 4,55 g/kg
Vitamin B7 (biotin) 1435 µg/kg	Treonine 9,73 g/kg
Vitamin B9 (folic acid) 1239 µg/kg	Tryptophan 3,43 g/kg
Vitamin B12 (cyanocobalamin) 5,6 µg/kg	Cystine 3,57 g/kg
FATTY ACIDS	Leucine 16,66 g/kg
Monounsaturated fatty acids 48,36 g/kg	Isoleucine 11,62 g/kg
Polyunsaturated fatty acids 82,66 g/kg	Valine 13,79 g/kg
Omega-3 total 49,12 g/kg	Histidine 5,25 g/kg
Omega-6 total 33,54 g/kg	Serine 7,14 g/kg
Omega-9 total 47,58 g/kg	Allanine 18,55 g/kg
MACROELEMENTS	Phenylalanine 9,66 g/kg
Calcium 26,80 g/kg	Tyrosine 20,72 g/kg
Phosphorus 13,70 g/kg	Glycine 11,69 g/kg
Magnesium 1,17 g/kg	BIOACTIVE SUBSTANCES
Sodium 10,2 g/kg	Chondroitin sulphate 9 000 mg/kg
Potassium 10,08 g/kg	Glucosamine sulphate 30 000 mg/kg
	MSM 20 000 mg/kg

EQUINOX GASTRO

EQUINOX GASTRO, supplementary feed additive, is a unique composition of *Yarrowia lipolytica* yeast, bioesters of omega-3,6 acids and herbs. The product is characterized by the richness of biologically active ingredients with a particular emphasis on B-group vitamins, unsaturated fatty acids and a wide range of micro and macroelements. In addition, *Yarrowia*

lipolytica yeast is distinguished by the presence of easily assimilable protein with a unique amino acid profile. EQUINOX GASTRO supports the healing of gastric mucosa and stomach epithelium, offers a prophylaxis of digestive tract disorders and gastric ulcer syndrome.

COMPOSITION-Feed materials: *Yarrowia lipolytica* yeast, fatty acid ethyl esters, calcium carbonate, mint, fennel fruit.

Feed additives: fruit aroma.

SUGGESTED USE Horses with gastric ulcer and digestion problems.

DOSING: 8g/100kg bwt daily (40g/horse of 500kg daily).

NUTRITIONAL VALUES	MICROELEMENTS
Crude protein 35,7%	Iron 89,3 mg/kg
Raw fat 18%	Copper 18,9 mg/kg
Crude fibre 3,56%	Zinc 250 mg/kg
Dry matter 91%	Manganese 13,5 mg/kg
Ash 17,6%	AMINO ACIDS
FATTY ACIDS	Lysine 25,6 g/kg
Monounsaturated fatty acids 29,8 g/kg	Methionine 7,0 g/kg
Polyunsaturated fatty acids 83,4 g/kg	Treonine 18,4 g/kg
Total Omega-3 60,7 g/kg	Cystine 5,0 g/kg
Total Omega -6 22,7 g/kg	Serine 16,5 g/kg
VITAMINS	Proline 15,0 g/kg
Vitamin B12 (cyanocobalamin) 0,256 µg/100g	Glycine 17,0 g/kg
Vitamin B2 (riboflavin) 0,9 mg/100g	Allanine 26,9 g/kg
Vitamin B5 (pantothenic acid) 7,10 mg/100g	Valeline 20,0 g/kg
Vitamin B3 (nicotinamide) 21,10 mg/100g	Leucine 25,2 g/kg
Choline 2570 mg/kg	Isoleucine 16,4 g/kg
MACROELEMENTS	Tyrosine 32,8 g/kg
Calcium 40 g/kg	Phenylalanine 14,4 g/kg
Phosphorus 18,4 g/kg	Histidine 7,8 g/kg
Magnesium 1,520 g/kg	Arginine 15,9 g/kg
Sodium 12,1 g/kg	Aspartic acid 33,1 g/kg
	Glutamic acid 41,1 g/kg

EQUINOX GASTRO FOAL

EQUINOX GASTRO FOAL contains *Yarrowia lipolytica* yeast with prebiotic properties and supports the proper growth of gastrointestinal microflora and reduces the risk of digestive disorders. The addition of omega-3,6 bioesters having anti-inflammatory features and linseed containing mucous substances protects the gastrointestinal tract against harmful factors and supports the proper passage of intestinal contents. Rice bran ensures proper growth of muscle tissue.

COMPOSITION -Feed materials: *Yarrowia lipolytica* yeast, fatty acid ethyl esters, calcium carbonate, rice bran, linseed.

Feed additives: fruit aroma.

SUGGESTED USE: Foals in weaning with digestion problems, worsened body condition and gastric ulcer.

DOSING: 8g/100kg bwt daily (40g/horse of 500kg daily)

NUTRITIONAL VALUES	AMINO ACIDS
Crude protein 34%	Lysine 14,7 g/kg
Crude fat 19,1%	Methionine 6,1 g/kg
Crude fibre 3,82%	Treonine 9,9 g/kg
Dry matter 91%	Cystine 4,4 g/kg
Ash 13,4%	Serine 9,5 g/kg
FATTY ACIDS	Proline 10,8 g/kg
Monounsaturated fatty acids 39,1 g/kg	Glycine 9,9 g/kg
Polyunsaturated fatty acids 96,9 g/kg	Allanine 35,9 g/kg
Omega 3 68,6 g/kg	Valeline 10,9 g/kg
Omega 6 28,3 g/kg	Leucine 14,3 g/kg
MINERALS	Isoleucine 9,7 g/kg
Calcium 31,9 g/kg	Tyrosine 22,0 g/kg
Phosphorus 13,7 g/kg	Phenylalanine 8,2 g/kg
Magnesium 2,0 g/kg	Histidine 4,9 g/kg
Sodium 9,12 g/kg	Arginine 9,7 g/kg
Potassium 8,20 g/kg	Aspartic acid 19,3 g/kg
Chlorides (NaCl) 9,3 g/kg	Glutamic acid 24,8 g/kg

EQUINOX REGENERATION

EQUINOX REGENERATION, supplementary feed additive, thanks to the high assimilability of nutrients, replenishes mineral deficiencies and enriches the body with protein of high biological value, which plays an important role in the reconstruction and regeneration of muscle tissue. The addition of a complex of vitamins, magnesium and herbs supports the immunity, stimulates tissue regeneration and has a bactericidal effect.

COMPOSITION -Feed materials: *Yarrowia lipolytica* yeast, dried apple, calcium carbonate, magnesium chelate, hawthorn, lanceolate grandmother.

Feed additives: vitamin C (L-ascorbic acid), A (retinyl acetate), D3 (cholecalciferol), E (tocopherol acetate), fruit aroma.

INDICATION: Horses in poor condition, after disease or in convalescence

DOSING: 8g/100kg bwt daily (40g/horse of 500kg daily)

NUTRITIONAL VALUES	MICROELEMENTS
Crude protein 32.7%	Iron 19,6 mg/kg
4.4%	Copper 18,1 mg/kg
5.74%	Zinc 154,2 mg/kg
91%	Manganese 10,3 mg/kg
Crude fat 4,4%	Iodine 102 mg/kg
Crude fibre 5,74%	Selenium 30 mg/kg
Dry matter 91%	BIOACTIVE SUBSTANCES
Ash 15%	Kynurenic acid 2,01 µg/g
VITAMINS	Alfacetogluturate 12,6 g/kg
Vitamin C (L-ascorbic acid) 10 000 mg/kg	Citrulline malate 15 g/kg
Vitamin A (retinyl acetate) 20,25 mg/kg	AMINO ACIDS
Vitamin E (Tocopheryl acetate) 762,06 mg/kg	Lysine 18,6 g/kg
Vitamin D3 (cholecalciferol) 161,9 µg/kg	Methionine 4,2 g/kg
Vitamin B2 (riboflavin) 11,9 mg/kg	Treonine 15,5 g/kg
Vitamin B3 (niacin) 612,0 mg/kg	Cystine 3,7 g/kg
Vitamin B12 (cyanocobalamin) 38,5 µg/kg	Serine 13,3 g/kg
MACROELEMENTS	Proline 11,4 g/kg
Calcium 40 g/kg	Glycine 14,2 g/kg
Phosphorus 10,57 g/kg	Alanine 18,7 g/kg
Magnesium 14,5 g/kg	Valine 16,9 g/kg
Sodium 10,84 g/kg	Leucine 20,2 g/kg
	Isoleucine 13,3 g/kg
	Tyrosine 28,6 g/kg
	Phenylalanine 11,3 g/kg
	Histidine 6,6 g/kg
	Arginine 13,2 g/kg
	Aspartic acid 27,3 g/kg
	Glutamic acid 36,9 g/